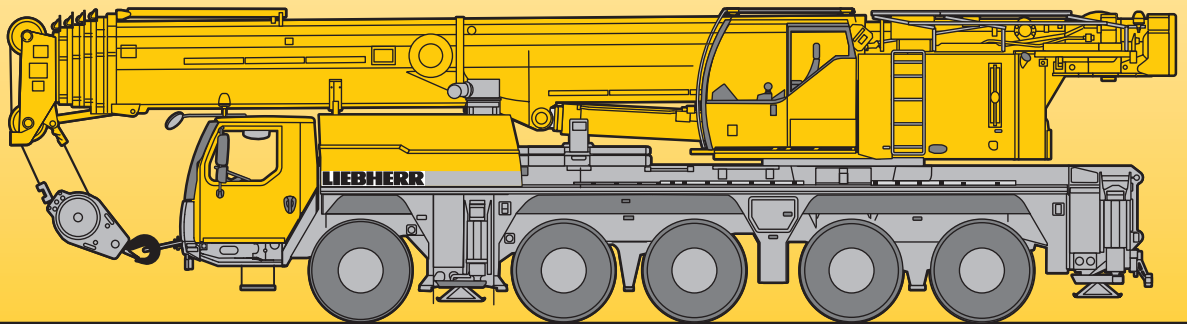


# Mobile Crane Grue mobile

## LTM 1130-5.1

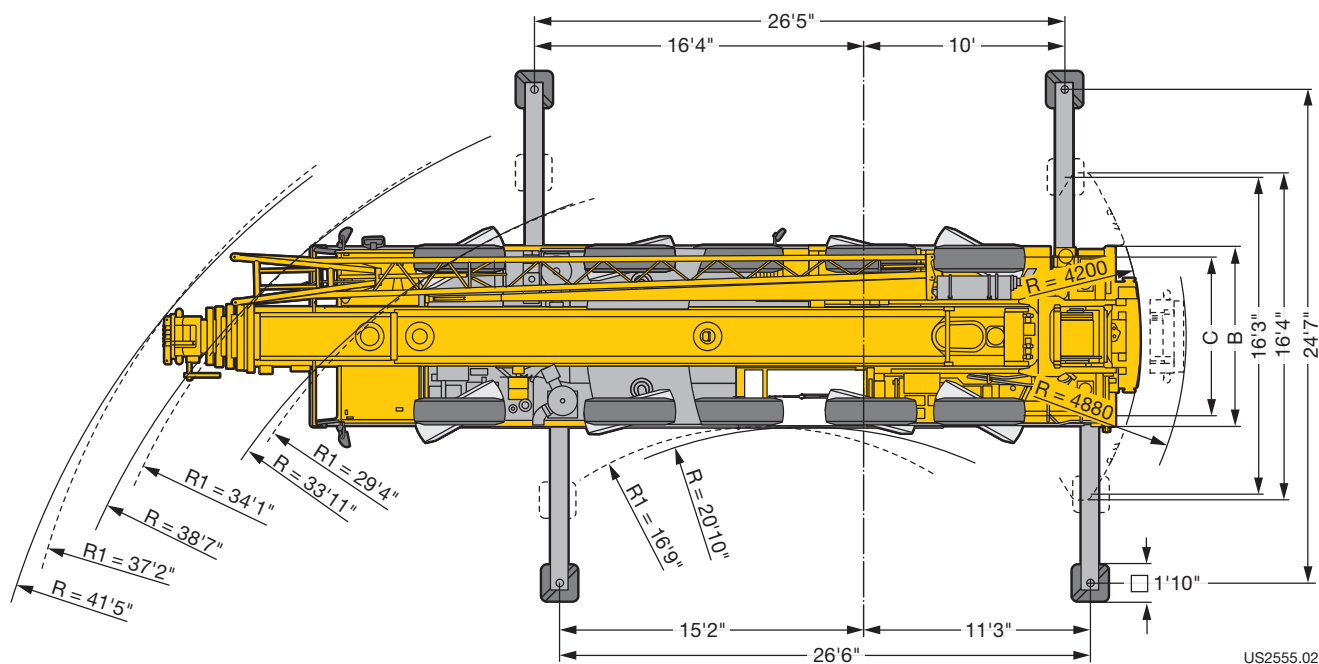
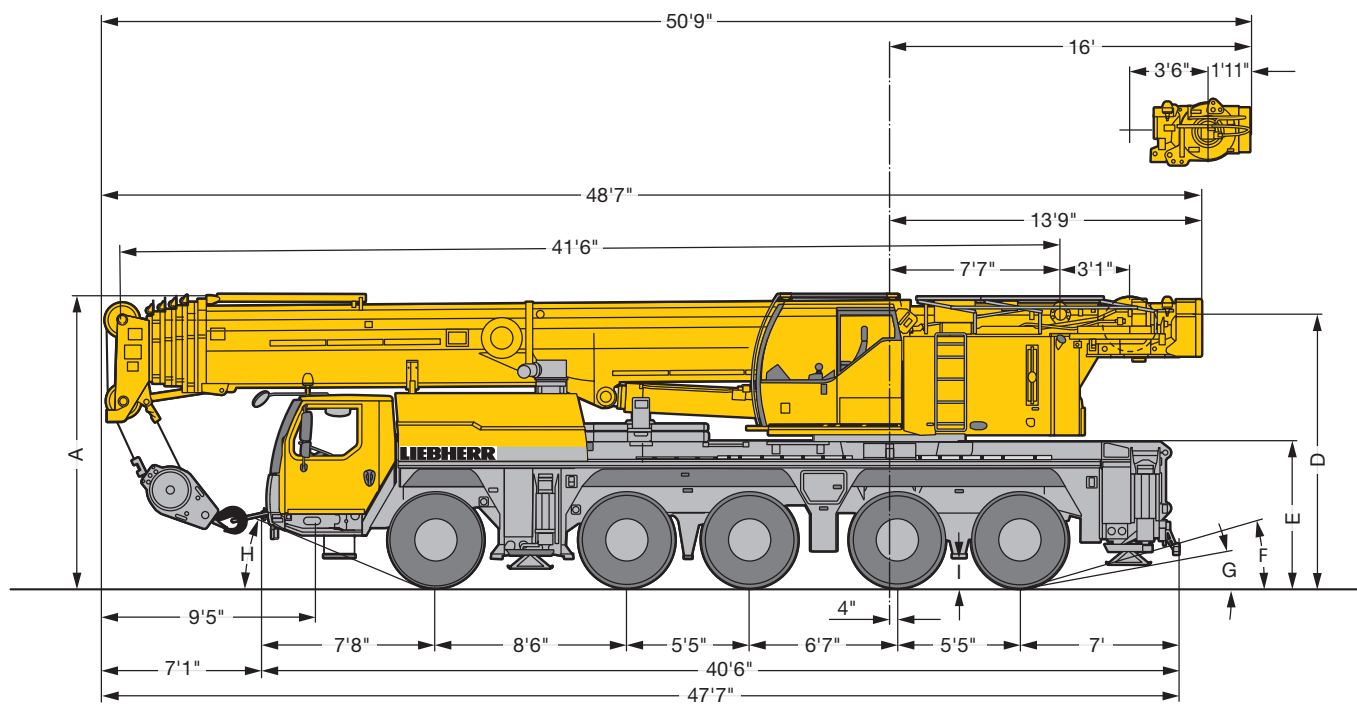
### Technical Data Caractéristiques techniques



# LIEBHERR



## Dimensions Encombrement



US2555.02

$$R_1 = \text{All-wheel steering} \cdot \text{Direction toutes roues}$$

|  | Dimensions - Encombrement |           |      |      |       |      |     |     |     |      |
|-------------------------------------------------------------------------------------|---------------------------|-----------|------|------|-------|------|-----|-----|-----|------|
|                                                                                     | A                         | A<br>4" * | B    | C    | D     | E    | F   | G   | H   | I    |
| 445/95 R 25 (16.00 R 25)                                                            | 13'1"                     | 12'10"    | 9'   | 7'7" | 12'4" | 6'9" | 20° | 13° | 24° | 1'5" |
| 525/80 R 25 (20.5 R 25)                                                             | 13'1"                     | 12'10"    | 9'4" | 7'7" | 12'4" | 6'9" | 20° | 13° | 24° | 1'5" |

\* lowered : abaissé

\* lowered • abaissé

## Weights Poids



| Axle<br>Essieu | 1     | 2     | 3     | 4     | 5     | Total weight lbs<br>Poids total lbs |
|----------------|-------|-------|-------|-------|-------|-------------------------------------|
| lbs            | 26400 | 26400 | 26400 | 26400 | 26400 | 132000 <sup>1)</sup>                |

<sup>1)</sup> with 19800 lbs counterweight · avec contrepoids 19800 lbs



| Load kips<br>Forces de levage kips | No. of sheaves<br>Poulies | No. of lines<br>Brins | Weight lbs<br>Poids lbs |
|------------------------------------|---------------------------|-----------------------|-------------------------|
| 242.5                              | 7                         | 14                    | 2730                    |
| 198.8                              | 5                         | 11                    | 1980                    |
| 130                                | 3                         | 7                     | 1540                    |
| 57.5                               | 1                         | 3                     | 990                     |
| 19.4                               | –                         | 1                     | 550                     |

## Working speeds Vitesses



|                             |     | 1          | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   | 11   | 12   | R 1        | R 2 |      |
|-----------------------------|-----|------------|-----|-----|-----|-----|------|------|------|------|------|------|------|------------|-----|------|
| 445/95 R 25<br>(16.00 R 25) | mph | 1.2 – 3.5  | 4.5 | 5.8 | 7.5 | 9.5 | 12.2 | 16.1 | 20.6 | 26.6 | 34.2 | 43.4 | 50   | 1.3 – 3.8  | 4.9 | 43 % |
| 525/80 R 25<br>(20.5 R 25)  |     | 0.53 – 1.6 | 2   | 2.6 | 3.3 | 4.2 | 5.3  | 7    | 9    | 11.6 | 14.9 | 18.9 | 24.2 | 0.57 – 1.7 | 2.1 | 55 % |



| Drive<br>Mécanismes | infinitely variable<br>en continu                                                                      | Rope diameter / Rope length<br>Diamètre du câble / Longueur du câble | Max. single line pull<br>Effort au brin maxi. |
|---------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------|
|                     | 0 – 360 ft/min single line<br>ft/min au brin simple                                                    | 7/8" / 820 ft                                                        | 19400 lbs                                     |
|                     | 0 – 360 ft/min single line<br>ft/min au brin simple                                                    | 7/8" / 820 ft                                                        | 19400 lbs                                     |
|                     | 0 – 1.5 rpm                                                                                            |                                                                      |                                               |
|                     | approx. 65 seconds to reach 82° boom angle<br>env. 65 s jusqu'à 82°                                    |                                                                      |                                               |
|                     | approx. 511 seconds for boom extension from 42 ft – 197 ft<br>env. 511 s pour passer de 42 ft – 197 ft |                                                                      |                                               |



# Lifting capacities Forces de levage

T

| <div><div><div><div><div></div><div>42 – 197 ft</div></div><div><div></div><div>T</div></div></div><div><div></div><div>360°</div></div><div><div></div><div>92600 lbs</div></div><div><div></div><div>85%</div></div></div></div> |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                | 42 ft |       | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                    | *     |       |       |       |       |       |        |        |        |        |        |        |        |        |        |                                     |
| 10                                                                                                                                                                                                                                 | 315.3 | 182.2 | 182.2 | 182.2 | 165.1 |       |        |        |        |        |        |        |        |        |        | 10                                  |
| 11                                                                                                                                                                                                                                 | 233.2 | 182.2 | 182.2 | 182.2 | 164   |       |        |        |        |        |        |        |        |        |        | 11                                  |
| 12                                                                                                                                                                                                                                 | 199.2 | 182.2 | 182.2 | 180.9 | 162.5 |       |        |        |        |        |        |        |        |        |        | 12                                  |
| 13                                                                                                                                                                                                                                 | 190.6 | 182.2 | 181.5 | 176.1 | 161   | 130.4 |        |        |        |        |        |        |        |        |        | 13                                  |
| 14                                                                                                                                                                                                                                 | 182.7 | 181.4 | 174.6 | 168.4 | 159   | 130.4 |        |        |        |        |        |        |        |        |        | 14                                  |
| 15                                                                                                                                                                                                                                 | 175.5 | 175.4 | 167.5 | 161.4 | 156.2 | 130.4 |        |        |        |        |        |        |        |        |        | 15                                  |
| 16                                                                                                                                                                                                                                 | 169   | 169   | 161.1 | 154.9 | 150.1 | 130.4 | 106.4  |        |        |        |        |        |        |        |        | 16                                  |
| 17                                                                                                                                                                                                                                 | 162.8 | 162.8 | 155   | 148.9 | 145.3 | 130.1 | 105.5  |        |        |        |        |        |        |        |        | 17                                  |
| 18                                                                                                                                                                                                                                 | 157   | 157   | 149.4 | 145.4 | 140.9 | 129.6 | 104.6  |        |        |        |        |        |        |        |        | 18                                  |
| 19                                                                                                                                                                                                                                 | 151.6 | 151.6 | 145.3 | 140.2 | 135.8 | 127.9 | 103.7  | 76.2   |        |        |        |        |        |        |        | 19                                  |
| 20                                                                                                                                                                                                                                 | 146.5 | 146.5 | 140.6 | 135.5 | 131.1 | 125.9 | 102.6  | 76.2   |        |        |        |        |        |        |        | 20                                  |
| 22                                                                                                                                                                                                                                 | 136.9 | 136.9 | 132   | 126.8 | 122.5 | 120.7 | 100.4  | 76.2   | 56.3   |        |        |        |        |        |        | 22                                  |
| 24                                                                                                                                                                                                                                 | 127.8 | 127.8 | 124.3 | 119.3 | 115   | 113.6 | 98.1   | 76.2   | 57.6   |        |        |        |        |        |        | 24                                  |
| 26                                                                                                                                                                                                                                 | 119   | 119   | 117.4 | 112.7 | 108.6 | 107   | 95.8   | 75.5   | 57.6   | 48.1   |        |        |        |        |        | 26                                  |
| 28                                                                                                                                                                                                                                 | 110.1 | 110.1 | 111   | 106.7 | 102.7 | 101.1 | 93.6   | 74.2   | 57.6   | 47.6   |        |        |        |        |        | 28                                  |
| 30                                                                                                                                                                                                                                 | 100.8 | 100.8 | 105.3 | 101.4 | 97.7  | 95.9  | 91.4   | 72.8   | 57.6   | 47.1   | 35.1   | 38.7   |        |        |        | 30                                  |
| 32                                                                                                                                                                                                                                 | 89.3  | 89.3  | 99.8  | 96.5  | 93.5  | 91.2  | 88.1   | 71     | 57.3   | 46.5   | 35.1   | 38.7   | 31.1   |        |        | 32                                  |
| 34                                                                                                                                                                                                                                 | 65.7  | 65.7  | 93.9  | 92    | 89.4  | 87    | 84     | 68.7   | 56.5   | 46     | 34.9   | 38.7   | 31     | 31.5   |        | 34                                  |
| 36                                                                                                                                                                                                                                 |       |       | 88.2  | 87.9  | 85.3  | 83    | 80.3   | 66.3   | 55.5   | 45.4   | 34.6   | 38.6   | 31     | 31.5   |        | 36                                  |
| 38                                                                                                                                                                                                                                 |       |       | 82.8  | 83.3  | 81.7  | 79.5  | 76.6   | 63.9   | 54.2   | 44.8   | 33.8   | 38.4   | 31     | 31.5   | 25.5   | 38                                  |
| 40                                                                                                                                                                                                                                 |       |       | 78    | 78.5  | 78.6  | 76.2  | 73.4   | 61.6   | 52.6   | 44.2   | 33.1   | 38     | 30.8   | 31.4   | 25.5   | 40                                  |
| 45                                                                                                                                                                                                                                 |       |       | 64.8  | 68    | 69.5  | 68.8  | 65.9   | 56.7   | 48.7   | 42     | 31.2   | 36.4   | 29.8   | 30.7   | 25.4   | 45                                  |
| 50                                                                                                                                                                                                                                 |       |       |       | 60.9  | 60.9  | 60.2  | 57.8   | 52     | 45.2   | 39.3   | 29.3   | 34.6   | 28.5   | 29.6   | 25.2   | 50                                  |
| 55                                                                                                                                                                                                                                 |       |       |       | 53.9  | 53.9  | 53.2  | 51     | 47.9   | 41.7   | 36.7   | 27.6   | 32.7   | 27     | 28.3   | 24.6   | 55                                  |
| 60                                                                                                                                                                                                                                 |       |       |       | 45.8  | 48    | 47.3  | 45.5   | 43.4   | 38.7   | 34.3   | 25.9   | 30.8   | 25.6   | 26.9   | 23.7   | 60                                  |
| 65                                                                                                                                                                                                                                 |       |       |       |       | 43    | 42.3  | 40.8   | 40.9   | 36     | 31.9   | 24.2   | 29     | 24.2   | 25.5   | 22.5   | 65                                  |
| 70                                                                                                                                                                                                                                 |       |       |       |       | 38.8  | 38    | 36.9   | 37.4   | 33.6   | 29.9   | 22.6   | 27.2   | 22.9   | 24.3   | 21.3   | 70                                  |
| 75                                                                                                                                                                                                                                 |       |       |       |       | 32.5  | 34.4  | 34.5   | 34.1   | 30.6   | 28     | 21.2   | 25.6   | 21.6   | 23.1   | 20.3   | 75                                  |
| 80                                                                                                                                                                                                                                 |       |       |       |       |       | 31.3  | 32.3   | 31.2   | 28.3   | 26.3   | 19.9   | 24.1   | 20.4   | 22     | 19.3   | 80                                  |
| 85                                                                                                                                                                                                                                 |       |       |       |       |       | 28.6  | 29.7   | 28.6   | 26.6   | 24.7   | 18.7   | 22.6   | 19.3   | 20.9   | 18.3   | 85                                  |
| 90                                                                                                                                                                                                                                 |       |       |       |       |       | 24.3  | 27.3   | 26.2   | 24.7   | 22.8   | 17.7   | 21.4   | 18.3   | 19.8   | 17.4   | 90                                  |
| 95                                                                                                                                                                                                                                 |       |       |       |       |       |       | 25.1   | 24     | 23.6   | 20.8   | 16.6   | 20.2   | 17.4   | 18.8   | 16.5   | 95                                  |
| 100                                                                                                                                                                                                                                |       |       |       |       |       |       | 23.2   | 22     | 22.2   | 19.8   | 15.6   | 19.1   | 16.5   | 17.8   | 15.6   | 100                                 |
| 105                                                                                                                                                                                                                                |       |       |       |       |       |       | 17.3   | 20.2   | 20.7   | 18.8   | 14.8   | 17.9   | 15.7   | 16.9   | 14.8   | 105                                 |
| 110                                                                                                                                                                                                                                |       |       |       |       |       |       |        | 19     | 19.1   | 17.8   | 14     | 16.5   | 14.9   | 16     | 14     | 110                                 |
| 115                                                                                                                                                                                                                                |       |       |       |       |       |       |        | 18.3   | 17.6   | 17     | 13.1   | 15.5   | 14.2   | 15.2   | 13.3   | 115                                 |
| 120                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        | 16.3   | 16.3   | 12.5   | 14.8   | 13.5   | 14.4   | 12.6   | 120                                 |
| 125                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        | 15.1   | 15.2   | 11.8   | 14.2   | 12.8   | 13.4   | 11.9   | 125                                 |
| 130                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        | 14.1   | 14     | 11.2   | 13.5   | 12.2   | 12.4   | 11.3   | 130                                 |
| 135                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        | 13     | 10.6   | 12.6   | 11.7   | 11.5   | 10.7   | 135                                 |
| 140                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        | 12     | 10.1   | 11.6   | 11.1   | 10.6   | 10.1   | 140                                 |
| 145                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        | 10.8   | 9.7    | 10.7   | 10.6   | 9.6    | 9.6    | 145                                 |
| 150                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        |        | 9.3    | 9.8    | 10     | 8.8    | 8.8    | 150                                 |
| 155                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        |        | 9      | 9.1    | 9.2    | 8      | 8      | 155                                 |
| 160                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        |        |        | 8.1    | 8.5    | 7.3    | 7.3    | 160                                 |
| 165                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        |        |        |        | 7.8    | 6.7    | 6.7    | 165                                 |
| 170                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        |        |        |        | 6.9    | 6      | 6      | 170                                 |
| 175                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        |        |        |        |        | 5.1    | 5.4    | 175                                 |
| 180                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        |        |        |        |        |        | 4.9    | 180                                 |
| 185                                                                                                                                                                                                                                |       |       |       |       |       |       |        |        |        |        |        |        |        |        | 4.4    | 185                                 |

\* over rear · en arrière

t\_205\_50001\_00\_000 / 50301\_00\_000



# Lifting capacities Forces de levage

T

| <div><div>42 – 197 ft</div><div></div><div>360°</div><div>64600 lbs</div><div>85%</div></div> |       |       |       |       |       |        |        |        |        |        |        |        |        |        |                                                                                        |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------------------------------------------------------------------------|-----|
|  ft                                                                                                                                                                                                                                                                                                                                                                                                                               | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft |  ft |     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 182.2 | 182.2 | 182.2 | 165.1 |       |        |        |        |        |        |        |        |        |        | 10                                                                                     |     |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 182.2 | 182.2 | 182.2 | 164   |       |        |        |        |        |        |        |        |        |        | 11                                                                                     |     |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 182.2 | 182.2 | 180.9 | 162.5 |       |        |        |        |        |        |        |        |        |        | 12                                                                                     |     |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 182.2 | 181.5 | 176.1 | 161   | 130.4 |        |        |        |        |        |        |        |        |        | 13                                                                                     |     |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 181.4 | 174.6 | 168.4 | 159   | 130.4 |        |        |        |        |        |        |        |        |        | 14                                                                                     |     |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 175.4 | 167.5 | 161.4 | 156.2 | 130.4 |        |        |        |        |        |        |        |        |        | 15                                                                                     |     |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 169   | 161.1 | 154.9 | 150.1 | 130.4 | 106.4  |        |        |        |        |        |        |        |        | 16                                                                                     |     |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 162.8 | 155   | 148.9 | 145.3 | 130.1 | 105.5  |        |        |        |        |        |        |        |        | 17                                                                                     |     |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 157   | 149.4 | 145.4 | 140.9 | 129.6 | 104.6  |        |        |        |        |        |        |        |        | 18                                                                                     |     |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 151.6 | 145.3 | 140.2 | 135.8 | 127.9 | 103.7  | 76.2   |        |        |        |        |        |        |        | 19                                                                                     |     |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 146.5 | 140.6 | 135.5 | 131.1 | 125.9 | 102.6  | 76.2   |        |        |        |        |        |        |        | 20                                                                                     |     |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 136.9 | 132   | 126.8 | 122.5 | 120.7 | 100.4  | 76.2   | 56.3   |        |        |        |        |        |        | 22                                                                                     |     |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 126.5 | 124.3 | 119.3 | 115   | 113.6 | 98.1   | 76.2   | 57.6   |        |        |        |        |        |        | 24                                                                                     |     |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 116   | 117   | 112.7 | 108.6 | 107   | 95.8   | 75.5   | 57.6   | 48.1   |        |        |        |        |        | 26                                                                                     |     |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 106.7 | 108.5 | 106.7 | 102.7 | 101.1 | 93.4   | 74.2   | 57.6   | 47.6   |        |        |        |        |        | 28                                                                                     |     |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 98.5  | 100.4 | 100.5 | 97.7  | 93.9  | 88.2   | 72.8   | 57.6   | 47.1   | 35.1   | 38.7   |        |        |        | 30                                                                                     |     |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 89.3  | 92.7  | 93.3  | 91.2  | 86.7  | 81.3   | 71     | 57.3   | 46.5   | 35.1   | 38.7   | 31.1   |        |        | 32                                                                                     |     |
| 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 65.7  | 86.2  | 86.2  | 84.7  | 80.3  | 75.4   | 68.7   | 56.5   | 46     | 34.9   | 38.7   | 31     | 31.5   |        | 34                                                                                     |     |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 80.2  | 81.4  | 78.6  | 74.4  | 70.3   | 65.7   | 55.5   | 45.4   | 34.6   | 38.6   | 31     | 31.5   |        | 36                                                                                     |     |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 74.7  | 76.4  | 73.2  | 69.6  | 65.4   | 61.9   | 54.2   | 44.8   | 33.8   | 38.4   | 31     | 31.5   | 25.5   | 38                                                                                     |     |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 69.7  | 71.4  | 68.5  | 65.1  | 61.4   | 58.3   | 52.6   | 44.2   | 33.1   | 38     | 30.8   | 31.4   | 25.5   | 40                                                                                     |     |
| 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 60.2  | 61.3  | 58.8  | 55.8  | 52.5   | 52.1   | 48     | 42     | 31.2   | 36.4   | 29.8   | 30.7   | 25.4   | 45                                                                                     |     |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       | 52.7  | 51.2  | 48.5  | 46.9   | 45.8   | 41.8   | 39.1   | 29.3   | 34.6   | 28.5   | 29.6   | 25.2   | 50                                                                                     |     |
| 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       | 45.5  | 45    | 42.5  | 42.8   | 40.2   | 37.8   | 35.5   | 27.6   | 32.7   | 27     | 28.3   | 24.6   | 55                                                                                     |     |
| 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       | 39.7  | 39.8  | 37.6  | 38.1   | 35.6   | 33.9   | 31.5   | 25.9   | 30.7   | 25.6   | 26.9   | 23.7   | 60                                                                                     |     |
| 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |       | 35    | 35.3  | 34.1   | 31.7   | 31.5   | 29.2   | 24.2   | 27.8   | 24.2   | 25.5   | 22.5   | 65                                                                                     |     |
| 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |       | 31    | 32.4  | 30.7   | 29     | 28.4   | 26.5   | 22.6   | 24.8   | 22.9   | 24.3   | 21.3   | 70                                                                                     |     |
| 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |       | 27.8  | 29.1  | 27.8   | 27     | 25.6   | 24.9   | 21.2   | 23.3   | 21.6   | 22.4   | 20.3   | 75                                                                                     |     |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |       |       | 26.2  | 25.3   | 25.2   | 23.3   | 22.9   | 19.9   | 21.8   | 20.4   | 20.4   | 19.3   | 80                                                                                     |     |
| 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |       |       | 23.8  | 23     | 23.1   | 21.4   | 20.8   | 18.7   | 19.9   | 19.3   | 18.4   | 17.9   | 85                                                                                     |     |
| 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |       |       | 21.7  | 20.8   | 21.2   | 20.3   | 19     | 17.7   | 18.1   | 17.9   | 16.6   | 16.3   | 90                                                                                     |     |
| 95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |       |       |       | 19.5   | 19.4   | 18.8   | 17.6   | 16.6   | 16.5   | 16.4   | 15.1   | 14.8   | 95                                                                                     |     |
| 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       | 18.5   | 17.7   | 17.4   | 16.2   | 15.6   | 15.1   | 15     | 13.7   | 13.4   | 100                                                                                    |     |
| 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       | 16.6   | 16.1   | 16     | 14.9   | 14.6   | 13.8   | 13.7   | 12.4   | 12.1   | 105                                                                                    |     |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        | 14.8   | 14.6   | 13.7   | 13.6   | 12.6   | 12.5   | 11.2   | 11     | 110                                                                                    |     |
| 115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        | 13.7   | 13.3   | 12.6   | 12.4   | 11.6   | 11.5   | 10.2   | 10     | 115                                                                                    |     |
| 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        | 12.2   | 11.5   | 11.4   | 10.6   | 10.5   | 9.3    | 9      | 120                                                                                    |     |
| 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        | 11.2   | 10.4   | 10.5   | 9.6    | 9.6    | 8.4    | 8.1    | 125                                                                                    |     |
| 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        | 10.3   | 9.5    | 9.5    | 8.8    | 8.8    | 7.6    | 7.4    | 130                                                                                    |     |
| 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        |        | 8.6    | 8.7    | 7.9    | 8      | 6.8    | 6.6    | 135                                                                                    |     |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        |        | 7.8    | 7.9    | 7.1    | 7.3    | 6.1    | 5.9    | 140                                                                                    |     |
| 145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        |        | 7.1    | 7.1    | 6.4    | 6.5    | 5.4    | 5.3    | 145                                                                                    |     |
| 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        |        |        | 6.5    | 5.7    | 5.8    | 4.7    | 4.7    | 150                                                                                    |     |
| 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        |        |        | 5.9    | 5.1    | 5.2    | 4.1    | 4.1    | 155                                                                                    |     |
| 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        |        |        |        | 4.6    | 4.6    | 3.5    | 3.5    | 160                                                                                    |     |
| 165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        |        |        |        |        | 4.1    | 2.9    | 2.9    | 165                                                                                    |     |
| 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |        |        |        |        |        |        |        | 3.6    | 2.4    | 2.4                                                                                    | 170 |

t\_205\_50303\_00\_000



# Lifting capacities Forces de levage

T

| <div> <div>42 – 197 ft</div> <div>T</div> <div>360°</div> <div>49800 lbs</div> <div>85%</div> </div> |       |       |       |       |       |        |        |        |        |        |        |        |        |        |     |  |
|------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--|
| ft                                                                                                   | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | ft  |  |
| 10                                                                                                   | 182.2 | 182.2 | 182.2 | 165.1 |       |        |        |        |        |        |        |        |        |        | 10  |  |
| 11                                                                                                   | 182.2 | 182.2 | 182.2 | 164   |       |        |        |        |        |        |        |        |        |        | 11  |  |
| 12                                                                                                   | 182.2 | 182.2 | 180.9 | 162.5 |       |        |        |        |        |        |        |        |        |        | 12  |  |
| 13                                                                                                   | 182.2 | 181.5 | 176.1 | 161   | 130.4 |        |        |        |        |        |        |        |        |        | 13  |  |
| 14                                                                                                   | 181.4 | 174.6 | 168.4 | 159   | 130.4 |        |        |        |        |        |        |        |        |        | 14  |  |
| 15                                                                                                   | 175.4 | 167.5 | 161.4 | 156.2 | 130.4 |        |        |        |        |        |        |        |        |        | 15  |  |
| 16                                                                                                   | 169   | 161.1 | 154.9 | 150.1 | 130.4 | 106.4  |        |        |        |        |        |        |        |        | 16  |  |
| 17                                                                                                   | 162.8 | 155   | 148.9 | 145.3 | 130.1 | 105.5  |        |        |        |        |        |        |        |        | 17  |  |
| 18                                                                                                   | 157   | 149.4 | 145.4 | 140.9 | 129.6 | 104.6  |        |        |        |        |        |        |        |        | 18  |  |
| 19                                                                                                   | 151.6 | 145.3 | 140.2 | 135.8 | 127.9 | 103.7  | 76.2   |        |        |        |        |        |        |        | 19  |  |
| 20                                                                                                   | 146.2 | 140.6 | 135.5 | 131.1 | 125.9 | 102.6  | 76.2   |        |        |        |        |        |        |        | 20  |  |
| 22                                                                                                   | 132.8 | 131.9 | 126.8 | 122.5 | 119.9 | 100.4  | 76.2   | 56.3   |        |        |        |        |        |        | 22  |  |
| 24                                                                                                   | 121.2 | 122.9 | 119.3 | 113.2 | 109.2 | 97.7   | 76.2   | 57.6   |        |        |        |        |        |        | 24  |  |
| 26                                                                                                   | 110.4 | 112.4 | 108.5 | 104.7 | 98.5  | 92     | 75.5   | 57.6   | 48.1   |        |        |        |        |        | 26  |  |
| 28                                                                                                   | 100.5 | 102.6 | 98.1  | 95.5  | 89.5  | 83.8   | 74.2   | 57.6   | 47.6   |        |        |        |        |        | 28  |  |
| 30                                                                                                   | 92.2  | 93.6  | 91.3  | 87    | 82.1  | 76.8   | 71.2   | 57.6   | 47.1   | 35.1   | 38.7   |        |        |        | 30  |  |
| 32                                                                                                   | 84.6  | 85.4  | 84    | 80.1  | 75.6  | 70.7   | 66.8   | 57.3   | 46.5   | 35.1   | 38.7   | 31.1   |        |        | 32  |  |
| 34                                                                                                   | 65.7  | 78.7  | 77.4  | 74    | 69.9  | 65.4   | 62.7   | 56.5   | 46     | 34.9   | 38.7   | 31     | 31.5   |        | 34  |  |
| 36                                                                                                   |       | 73.1  | 71.6  | 68.6  | 64.7  | 60.7   | 59.6   | 54.2   | 45.4   | 34.6   | 38.6   | 31     | 31.5   |        | 36  |  |
| 38                                                                                                   |       | 68.5  | 66.6  | 63.8  | 60.2  | 56.9   | 55.9   | 50.7   | 44.8   | 33.8   | 38.4   | 31     | 31.5   | 25.5   | 38  |  |
| 40                                                                                                   |       | 63.3  | 62    | 59.4  | 56.1  | 54.6   | 52.3   | 48.5   | 44.2   | 33.1   | 38     | 30.8   | 31.4   | 25.5   | 40  |  |
| 45                                                                                                   |       | 52.2  | 52.6  | 50.3  | 47.5  | 47.7   | 44.6   | 41.8   | 39.1   | 31.2   | 36.4   | 29.8   | 30.7   | 25.4   | 45  |  |
| 50                                                                                                   |       |       | 45.2  | 43.4  | 43.4  | 41.3   | 38.6   | 38     | 35.5   | 29.3   | 33.5   | 28.5   | 29.6   | 25.2   | 50  |  |
| 55                                                                                                   |       |       | 38.7  | 37.9  | 38.3  | 36.1   | 34.6   | 33.4   | 31.6   | 27.6   | 29.5   | 27     | 28.3   | 24.6   | 55  |  |
| 60                                                                                                   |       |       | 33.5  | 33.4  | 33.9  | 31.9   | 31.7   | 29.5   | 28.9   | 25.9   | 27.7   | 25.6   | 25.8   | 23.7   | 60  |  |
| 65                                                                                                   |       |       |       | 30.7  | 30.3  | 28.4   | 28.3   | 27.2   | 25.7   | 24.2   | 24.6   | 23.9   | 22.8   | 22.1   | 65  |  |
| 70                                                                                                   |       |       |       | 27.4  | 27.2  | 26.3   | 25.3   | 24.6   | 23.3   | 22.5   | 21.9   | 21.7   | 20.3   | 19.8   | 70  |  |
| 75                                                                                                   |       |       |       | 24.5  | 24.3  | 24.3   | 22.8   | 22.1   | 20.9   | 20.7   | 19.6   | 19.4   | 18.1   | 17.7   | 75  |  |
| 80                                                                                                   |       |       |       |       | 21.8  | 22.2   | 20.9   | 20     | 18.9   | 18.6   | 17.6   | 17.5   | 16.1   | 15.8   | 80  |  |
| 85                                                                                                   |       |       |       |       | 19.6  | 20.1   | 19.1   | 18.1   | 17     | 16.8   | 15.9   | 15.7   | 14.4   | 14.1   | 85  |  |
| 90                                                                                                   |       |       |       |       | 17.9  | 18.1   | 17.4   | 16.5   | 15.4   | 15.2   | 14.3   | 14.2   | 12.9   | 12.6   | 90  |  |
| 95                                                                                                   |       |       |       |       |       | 16.4   | 15.8   | 15.1   | 14     | 13.8   | 12.9   | 12.8   | 11.5   | 11.2   | 95  |  |
| 100                                                                                                  |       |       |       |       |       | 14.9   | 14.4   | 13.8   | 12.7   | 12.5   | 11.6   | 11.5   | 10.2   | 10     | 100 |  |
| 105                                                                                                  |       |       |       |       |       | 13.6   | 13     | 12.6   | 11.5   | 11.4   | 10.5   | 10.4   | 9.1    | 8.9    | 105 |  |
| 110                                                                                                  |       |       |       |       |       |        | 11.8   | 11.3   | 10.5   | 10.4   | 9.5    | 9.4    | 8.1    | 7.9    | 110 |  |
| 115                                                                                                  |       |       |       |       |       |        | 10.7   | 10.3   | 9.5    | 9.4    | 8.5    | 8.5    | 7.2    | 7      | 115 |  |
| 120                                                                                                  |       |       |       |       |       |        |        | 9.3    | 8.6    | 8.5    | 7.7    | 7.7    | 6.4    | 6.2    | 120 |  |
| 125                                                                                                  |       |       |       |       |       |        |        | 8.4    | 7.7    | 7.7    | 6.9    | 6.8    | 5.6    | 5.4    | 125 |  |
| 130                                                                                                  |       |       |       |       |       |        |        | 7.6    | 6.8    | 6.9    | 6.1    | 6.1    | 4.9    | 4.7    | 130 |  |
| 135                                                                                                  |       |       |       |       |       |        |        |        | 6.1    | 6.1    | 5.4    | 5.5    | 4.2    | 4.1    | 135 |  |
| 140                                                                                                  |       |       |       |       |       |        |        |        | 5.4    | 5.4    | 4.7    | 4.8    | 3.6    | 3.5    | 140 |  |
| 145                                                                                                  |       |       |       |       |       |        |        |        | 4.8    | 4.8    | 4      | 4.2    | 3      | 2.9    | 145 |  |
| 150                                                                                                  |       |       |       |       |       |        |        |        |        | 4.2    | 3.5    | 3.6    | 2.4    | 2.4    | 150 |  |
| 155                                                                                                  |       |       |       |       |       |        |        |        |        | 3.7    | 2.9    | 3      |        |        | 155 |  |
| 160                                                                                                  |       |       |       |       |       |        |        |        |        |        | 2.4    | 2.5    |        |        | 160 |  |

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# Lifting capacities Forces de levage

T

| <div> <div>42 – 197 ft</div> <div>T</div> <div>360°</div> <div>28000 lbs</div> <div>85%</div> </div> |       |       |       |       |       |        |        |        |        |        |        |        |        |        |     |  |
|------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--|
| ft                                                                                                   | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | ft  |  |
| 10                                                                                                   | 182.2 | 182.2 | 182.2 | 165.1 |       |        |        |        |        |        |        |        |        |        | 10  |  |
| 11                                                                                                   | 182.2 | 182.2 | 182.2 | 164   |       |        |        |        |        |        |        |        |        |        | 11  |  |
| 12                                                                                                   | 182.2 | 182.2 | 180.9 | 162.5 |       |        |        |        |        |        |        |        |        |        | 12  |  |
| 13                                                                                                   | 182.2 | 181.5 | 176.1 | 161   | 130.4 |        |        |        |        |        |        |        |        |        | 13  |  |
| 14                                                                                                   | 181.4 | 174.6 | 168.4 | 159   | 130.4 |        |        |        |        |        |        |        |        |        | 14  |  |
| 15                                                                                                   | 175.4 | 167.5 | 161.4 | 156.2 | 130.4 |        |        |        |        |        |        |        |        |        | 15  |  |
| 16                                                                                                   | 169   | 161.1 | 154.9 | 150.1 | 130.4 | 106.4  |        |        |        |        |        |        |        |        | 16  |  |
| 17                                                                                                   | 162.8 | 155   | 148.9 | 143.6 | 129.3 | 105.5  |        |        |        |        |        |        |        |        | 17  |  |
| 18                                                                                                   | 155.3 | 149.4 | 145.1 | 136.1 | 127.2 | 104.6  |        |        |        |        |        |        |        |        | 18  |  |
| 19                                                                                                   | 146.7 | 144   | 137.8 | 126.1 | 119.9 | 103.7  | 76.2   |        |        |        |        |        |        |        | 19  |  |
| 20                                                                                                   | 138.9 | 137.2 | 127.8 | 120.1 | 111.9 | 100.7  | 76.2   |        |        |        |        |        |        |        | 20  |  |
| 22                                                                                                   | 124.1 | 118.9 | 111.5 | 106.4 | 98.8  | 91.2   | 76.2   | 56.3   |        |        |        |        |        |        | 22  |  |
| 24                                                                                                   | 110.4 | 104.3 | 100.5 | 94.6  | 88.2  | 81.4   | 74.6   | 57.6   |        |        |        |        |        |        | 24  |  |
| 26                                                                                                   | 97.6  | 92.5  | 90.1  | 85    | 78.9  | 73.6   | 69.8   | 57.6   | 48.1   |        |        |        |        |        | 26  |  |
| 28                                                                                                   | 86.9  | 84    | 80.8  | 76.3  | 70.9  | 67.7   | 64.4   | 57.3   | 47.6   |        |        |        |        |        | 28  |  |
| 30                                                                                                   | 77.9  | 75.5  | 72.9  | 68.9  | 64.4  | 63.4   | 58.7   | 54.2   | 47.1   | 35.1   | 38.7   |        |        |        | 30  |  |
| 32                                                                                                   | 69.6  | 68.3  | 66.2  | 62.9  | 60    | 58.1   | 53.8   | 50     | 45.5   | 35.1   | 38.7   | 31.1   |        |        | 32  |  |
| 34                                                                                                   | 61.8  | 62.4  | 60.4  | 57.6  | 56.5  | 53.4   | 50.1   | 47.6   | 44.2   | 34.9   | 38.7   | 31     | 31.5   |        | 34  |  |
| 36                                                                                                   |       | 57.1  | 55.5  | 52.9  | 52.6  | 49.5   | 46.8   | 44.9   | 41.5   | 34.6   | 37.8   | 31     | 31.5   |        | 36  |  |
| 38                                                                                                   |       | 52.5  | 51.2  | 48.8  | 48.8  | 45.8   | 44.3   | 41.7   | 38.6   | 33.8   | 36.2   | 31     | 31.5   | 25.5   | 38  |  |
| 40                                                                                                   |       | 48.5  | 47.4  | 46.7  | 45.5  | 42.8   | 41.9   | 38.8   | 37.3   | 33.1   | 35.1   | 30.8   | 31.4   | 25.5   | 40  |  |
| 45                                                                                                   |       | 39.6  | 40.1  | 40.1  | 38.4  | 37.6   | 35.6   | 34.3   | 32.4   | 31     | 30.5   | 29.6   | 28.4   | 25.4   | 45  |  |
| 50                                                                                                   |       |       | 34.4  | 34.4  | 33    | 32.6   | 31     | 29.5   | 27.9   | 27.4   | 26.2   | 25.8   | 24.2   | 23.6   | 50  |  |
| 55                                                                                                   |       |       | 29.4  | 30    | 28.9  | 28.3   | 26.9   | 25.7   | 24.2   | 23.9   | 22.7   | 22.4   | 20.9   | 20.3   | 55  |  |
| 60                                                                                                   |       |       | 25.2  | 26.3  | 25.4  | 24.9   | 23.6   | 22.5   | 21.2   | 20.8   | 19.7   | 19.6   | 18     | 17.6   | 60  |  |
| 65                                                                                                   |       |       |       | 23.1  | 22.4  | 22     | 20.8   | 19.8   | 18.6   | 18.3   | 17.2   | 17.1   | 15.6   | 15.3   | 65  |  |
| 70                                                                                                   |       |       |       | 20.3  | 19.9  | 19.6   | 18.4   | 17.5   | 16.3   | 16.1   | 15.1   | 15     | 13.6   | 13.2   | 70  |  |
| 75                                                                                                   |       |       |       | 17.8  | 17.8  | 17.5   | 16.4   | 15.5   | 14.4   | 14.2   | 13.3   | 13.1   | 11.8   | 11.5   | 75  |  |
| 80                                                                                                   |       |       |       |       | 15.7  | 15.7   | 14.6   | 13.8   | 12.8   | 12.6   | 11.6   | 11.5   | 10.2   | 9.9    | 80  |  |
| 85                                                                                                   |       |       |       |       | 13.9  | 14.1   | 13.2   | 12.3   | 11.3   | 11.1   | 10.2   | 10.1   | 8.8    | 8.6    | 85  |  |
| 90                                                                                                   |       |       |       |       | 12.4  | 12.6   | 11.8   | 11     | 10     | 9.9    | 8.9    | 8.9    | 7.6    | 7.4    | 90  |  |
| 95                                                                                                   |       |       |       |       |       | 11.2   | 10.6   | 9.9    | 8.8    | 8.7    | 7.8    | 7.8    | 6.5    | 6.3    | 95  |  |
| 100                                                                                                  |       |       |       |       |       | 10     | 9.4    | 8.8    | 7.8    | 7.7    | 6.8    | 6.8    | 5.5    | 5.3    | 100 |  |
| 105                                                                                                  |       |       |       |       |       | 9      | 8.3    | 7.9    | 6.9    | 6.7    | 5.9    | 5.8    | 4.6    | 4.4    | 105 |  |
| 110                                                                                                  |       |       |       |       |       |        | 7.4    | 7      | 6      | 5.9    | 5.1    | 5      | 3.8    | 3.6    | 110 |  |
| 115                                                                                                  |       |       |       |       |       |        | 6.5    | 6.1    | 5.3    | 5.1    | 4.3    | 4.3    | 3      | 2.9    | 115 |  |
| 120                                                                                                  |       |       |       |       |       |        |        | 5.3    | 4.6    | 4.5    | 3.6    | 3.6    | 2.3    |        | 120 |  |
| 125                                                                                                  |       |       |       |       |       |        |        | 4.6    | 3.9    | 3.8    | 3      | 3      |        |        | 125 |  |
| 130                                                                                                  |       |       |       |       |       |        |        | 4      | 3.2    | 3.2    | 2.4    | 2.3    |        |        | 130 |  |
| 135                                                                                                  |       |       |       |       |       |        |        |        | 2.6    | 2.6    |        |        |        |        | 135 |  |

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# Lifting capacities Forces de levage

**T**

| <div> <div>42 – 197 ft</div> <div>T</div> <div>360°</div> <div>24700 lbs</div> <div>85%</div> </div> |       |       |       |       |       |        |        |        |        |        |        |        |        |        |     |  |
|------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--|
| ft                                                                                                   | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | ft  |  |
| 10                                                                                                   | 182.2 | 182.2 | 182.2 | 165.1 |       |        |        |        |        |        |        |        |        |        | 10  |  |
| 11                                                                                                   | 182.2 | 182.2 | 182.2 | 164   |       |        |        |        |        |        |        |        |        |        | 11  |  |
| 12                                                                                                   | 182.2 | 182.2 | 180.9 | 162.5 |       |        |        |        |        |        |        |        |        |        | 12  |  |
| 13                                                                                                   | 182.2 | 181.5 | 176.1 | 161   | 130.4 |        |        |        |        |        |        |        |        |        | 13  |  |
| 14                                                                                                   | 181.4 | 174.6 | 168.4 | 159   | 130.4 |        |        |        |        |        |        |        |        |        | 14  |  |
| 15                                                                                                   | 175.4 | 167.5 | 161.4 | 156.1 | 130.4 |        |        |        |        |        |        |        |        |        | 15  |  |
| 16                                                                                                   | 169   | 161.1 | 154.9 | 147.9 | 130.4 | 106.4  |        |        |        |        |        |        |        |        | 16  |  |
| 17                                                                                                   | 161.9 | 155   | 148.8 | 141.3 | 127.9 | 105.5  |        |        |        |        |        |        |        |        | 17  |  |
| 18                                                                                                   | 153.8 | 149.4 | 143   | 131.1 | 123   | 104.4  |        |        |        |        |        |        |        |        | 18  |  |
| 19                                                                                                   | 145.2 | 142.4 | 132.7 | 124.4 | 115.5 | 103    | 76.2   |        |        |        |        |        |        |        | 19  |  |
| 20                                                                                                   | 137.3 | 132.6 | 123   | 117   | 107.7 | 99     | 76.2   |        |        |        |        |        |        |        | 20  |  |
| 22                                                                                                   | 122   | 114.5 | 109.5 | 102.5 | 95.1  | 87.5   | 76.2   | 56.3   |        |        |        |        |        |        | 22  |  |
| 24                                                                                                   | 106.4 | 100.3 | 97    | 91.1  | 84.5  | 78.5   | 73.3   | 57.6   |        |        |        |        |        |        | 24  |  |
| 26                                                                                                   | 93.7  | 89.3  | 86.4  | 81.5  | 75.3  | 70.9   | 67.7   | 57.5   | 48.1   |        |        |        |        |        | 26  |  |
| 28                                                                                                   | 82.9  | 80.4  | 77.3  | 72.9  | 67.7  | 66.2   | 61.4   | 56.8   | 47.6   |        |        |        |        |        | 28  |  |
| 30                                                                                                   | 74.1  | 72    | 69.6  | 65.7  | 62.2  | 60.5   | 55.9   | 51.8   | 46.5   | 35.1   | 38.7   |        |        |        | 30  |  |
| 32                                                                                                   | 66.3  | 65.1  | 63.1  | 60    | 58.6  | 55.4   | 51.8   | 49.2   | 44.9   | 35.1   | 38.7   | 31.1   |        |        | 32  |  |
| 34                                                                                                   | 58.8  | 59.4  | 57.6  | 54.9  | 54.5  | 50.9   | 48.2   | 46.1   | 42.6   | 34.9   | 38.7   | 31     | 31.5   |        | 34  |  |
| 36                                                                                                   |       | 54.3  | 52.9  | 50.5  | 50.1  | 47.2   | 45.6   | 42.6   | 39.4   | 34.6   | 36.6   | 31     | 31.5   |        | 36  |  |
| 38                                                                                                   |       | 49.9  | 48.7  | 48.3  | 46.5  | 43.6   | 42.7   | 39.9   | 37.7   | 33.8   | 35.3   | 31     | 31.4   | 25.5   | 38  |  |
| 40                                                                                                   |       | 46.1  | 45.1  | 45.2  | 43.3  | 41.3   | 39.8   | 38.2   | 35.8   | 33.1   | 34     | 30.8   | 31.1   | 25.5   | 40  |  |
| 45                                                                                                   |       | 37.6  | 38.2  | 38.1  | 36.5  | 35.9   | 34.2   | 32.5   | 30.7   | 30.1   | 28.9   | 28.3   | 26.7   | 25     | 45  |  |
| 50                                                                                                   |       |       | 32.6  | 32.7  | 31.5  | 30.9   | 29.3   | 28     | 26.4   | 25.9   | 24.7   | 24.3   | 22.8   | 22.1   | 50  |  |
| 55                                                                                                   |       |       | 27.9  | 28.4  | 27.4  | 26.8   | 25.4   | 24.3   | 22.8   | 22.5   | 21.3   | 21     | 19.5   | 19     | 55  |  |
| 60                                                                                                   |       |       | 23.8  | 24.9  | 24    | 23.5   | 22.2   | 21.2   | 19.9   | 19.6   | 18.5   | 18.3   | 16.8   | 16.3   | 60  |  |
| 65                                                                                                   |       |       |       | 21.9  | 21.1  | 20.7   | 19.6   | 18.6   | 17.4   | 17.1   | 16.1   | 15.9   | 14.5   | 14.1   | 65  |  |
| 70                                                                                                   |       |       |       | 19.1  | 18.7  | 18.4   | 17.3   | 16.4   | 15.2   | 15     | 14     | 13.9   | 12.5   | 12.2   | 70  |  |
| 75                                                                                                   |       |       |       | 16.7  | 16.7  | 16.4   | 15.3   | 14.5   | 13.4   | 13.2   | 12.2   | 12.1   | 10.8   | 10.5   | 75  |  |
| 80                                                                                                   |       |       |       |       | 14.7  | 14.7   | 13.7   | 12.8   | 11.8   | 11.6   | 10.7   | 10.6   | 9.3    | 9      | 80  |  |
| 85                                                                                                   |       |       |       |       | 13    | 13.2   | 12.2   | 11.4   | 10.4   | 10.2   | 9.3    | 9.2    | 7.9    | 7.7    | 85  |  |
| 90                                                                                                   |       |       |       |       | 11.5  | 11.7   | 10.9   | 10.1   | 9.1    | 9      | 8.1    | 8.1    | 6.7    | 6.5    | 90  |  |
| 95                                                                                                   |       |       |       |       |       | 10.4   | 9.7    | 9      | 8      | 7.9    | 7      | 7      | 5.7    | 5.5    | 95  |  |
| 100                                                                                                  |       |       |       |       |       | 9.2    | 8.6    | 8      | 7      | 6.9    | 6      | 6      | 4.7    | 4.5    | 100 |  |
| 105                                                                                                  |       |       |       |       |       | 8.2    | 7.6    | 7.1    | 6.1    | 6      | 5.1    | 5.1    | 3.9    | 3.7    | 105 |  |
| 110                                                                                                  |       |       |       |       |       |        | 6.6    | 6.3    | 5.3    | 5.2    | 4.4    | 4.3    | 3.1    | 2.9    | 110 |  |
| 115                                                                                                  |       |       |       |       |       |        | 5.8    | 5.4    | 4.6    | 4.5    | 3.7    | 3.6    | 2.2    |        | 115 |  |
| 120                                                                                                  |       |       |       |       |       |        |        | 4.6    | 3.9    | 3.8    | 3      | 3      |        |        | 120 |  |
| 125                                                                                                  |       |       |       |       |       |        |        | 4      | 3.2    | 3.2    | 2.3    | 2.3    |        |        | 125 |  |
| 130                                                                                                  |       |       |       |       |       |        |        | 3.4    | 2.6    | 2.6    |        |        |        |        | 130 |  |

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# Lifting capacities Forces de levage

T

| <div> <div>42 – 197 ft</div> <div>T</div> <div>360°</div> <div>19800 lbs</div> <div>85%</div> </div> |       |       |       |       |       |        |        |        |        |        |        |        |        |        |     |  |
|------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--|
| ft                                                                                                   | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | ft  |  |
| 10                                                                                                   | 182.2 | 182.2 | 182.2 | 165.1 |       |        |        |        |        |        |        |        |        |        | 10  |  |
| 11                                                                                                   | 182.2 | 182.2 | 182.2 | 164   |       |        |        |        |        |        |        |        |        |        | 11  |  |
| 12                                                                                                   | 182.2 | 182.2 | 180.9 | 162.5 |       |        |        |        |        |        |        |        |        |        | 12  |  |
| 13                                                                                                   | 182.2 | 181.5 | 176.1 | 161   | 130.4 |        |        |        |        |        |        |        |        |        | 13  |  |
| 14                                                                                                   | 181.4 | 174.6 | 168.4 | 159   | 130.4 |        |        |        |        |        |        |        |        |        | 14  |  |
| 15                                                                                                   | 175.4 | 167.5 | 161.4 | 155.7 | 130.4 |        |        |        |        |        |        |        |        |        | 15  |  |
| 16                                                                                                   | 169   | 161.1 | 154.9 | 143.4 | 130.4 | 106.4  |        |        |        |        |        |        |        |        | 16  |  |
| 17                                                                                                   | 160.6 | 153.8 | 144.4 | 134.6 | 125.8 | 105.5  |        |        |        |        |        |        |        |        | 17  |  |
| 18                                                                                                   | 151.6 | 144.5 | 136.1 | 126.8 | 116.9 | 103    |        |        |        |        |        |        |        |        | 18  |  |
| 19                                                                                                   | 142.9 | 136.5 | 125.4 | 118.5 | 109.1 | 98.5   | 76.2   |        |        |        |        |        |        |        | 19  |  |
| 20                                                                                                   | 134.2 | 125.4 | 116.3 | 110.6 | 101.7 | 93.2   | 76.2   |        |        |        |        |        |        |        | 20  |  |
| 22                                                                                                   | 114.9 | 108   | 103.6 | 96.8  | 89.4  | 82.6   | 75.4   | 56.3   |        |        |        |        |        |        | 22  |  |
| 24                                                                                                   | 100.2 | 94.3  | 91.3  | 85.3  | 78.8  | 73.9   | 69.8   | 57.6   |        |        |        |        |        |        | 24  |  |
| 26                                                                                                   | 87.5  | 84.5  | 80.7  | 76    | 70.1  | 68.5   | 63.1   | 56.4   | 48.1   |        |        |        |        |        | 26  |  |
| 28                                                                                                   | 76.8  | 74.8  | 72    | 67.9  | 64.8  | 61.9   | 57     | 52.6   | 47.6   |        |        |        |        |        | 28  |  |
| 30                                                                                                   | 68.6  | 66.9  | 64.8  | 61.2  | 60.3  | 56.3   | 53     | 50.2   | 45.3   | 35.1   | 38.7   |        |        |        | 30  |  |
| 32                                                                                                   | 61.4  | 60.4  | 58.7  | 55.7  | 55.2  | 51.5   | 49     | 46.3   | 42.7   | 35.1   | 38.1   | 31.1   |        |        | 32  |  |
| 34                                                                                                   | 54.3  | 55    | 53.5  | 52.4  | 50.7  | 47.3   | 46.1   | 42.7   | 39.3   | 34.9   | 36.5   | 31     | 31.5   |        | 34  |  |
| 36                                                                                                   |       | 50.2  | 49    | 49    | 46.6  | 44.2   | 42.6   | 40.6   | 38.2   | 34.6   | 35.3   | 31     | 31.5   |        | 36  |  |
| 38                                                                                                   |       | 46.1  | 45.6  | 45.2  | 43.2  | 42     | 39.6   | 38     | 35.8   | 33.8   | 33.6   | 31     | 30.9   | 25.5   | 38  |  |
| 40                                                                                                   |       | 42.5  | 42.2  | 42    | 40.1  | 39.3   | 37.2   | 35.3   | 33.4   | 32.4   | 31.3   | 30.4   | 28.9   | 25.5   | 40  |  |
| 45                                                                                                   |       | 34.6  | 35.3  | 35.3  | 34    | 33.2   | 31.5   | 30     | 28.2   | 27.7   | 26.4   | 26     | 24.4   | 23.7   | 45  |  |
| 50                                                                                                   |       |       | 30    | 30.1  | 29.1  | 28.5   | 27     | 25.7   | 24.1   | 23.7   | 22.5   | 22.2   | 20.6   | 20     | 50  |  |
| 55                                                                                                   |       |       | 25.6  | 26.1  | 25.1  | 24.6   | 23.3   | 22.2   | 20.8   | 20.5   | 19.3   | 19     | 17.5   | 17.1   | 55  |  |
| 60                                                                                                   |       |       | 21.7  | 22.8  | 21.9  | 21.5   | 20.3   | 19.3   | 18     | 17.7   | 16.7   | 16.5   | 15     | 14.5   | 60  |  |
| 65                                                                                                   |       |       |       | 20    | 19.3  | 18.9   | 17.8   | 16.8   | 15.6   | 15.4   | 14.4   | 14.2   | 12.8   | 12.5   | 65  |  |
| 70                                                                                                   |       |       |       | 17.3  | 17    | 16.7   | 15.6   | 14.7   | 13.6   | 13.4   | 12.4   | 12.3   | 10.9   | 10.6   | 70  |  |
| 75                                                                                                   |       |       |       | 15.1  | 15.1  | 14.9   | 13.8   | 13     | 11.9   | 11.7   | 10.8   | 10.7   | 9.3    | 9      | 75  |  |
| 80                                                                                                   |       |       |       |       | 13.2  | 13.2   | 12.2   | 11.4   | 10.4   | 10.2   | 9.3    | 9.2    | 7.9    | 7.7    | 80  |  |
| 85                                                                                                   |       |       |       |       | 11.6  | 11.8   | 10.8   | 10.1   | 9.1    | 8.9    | 8      | 7.9    | 6.6    | 6.4    | 85  |  |
| 90                                                                                                   |       |       |       |       | 10.2  | 10.3   | 9.6    | 8.8    | 7.9    | 7.8    | 6.9    | 6.8    | 5.5    | 5.3    | 90  |  |
| 95                                                                                                   |       |       |       |       |       | 9.1    | 8.5    | 7.8    | 6.8    | 6.7    | 5.8    | 5.8    | 4.5    | 4.3    | 95  |  |
| 100                                                                                                  |       |       |       |       |       | 8      | 7.5    | 6.9    | 5.9    | 5.8    | 4.9    | 4.9    | 3.6    | 3.4    | 100 |  |
| 105                                                                                                  |       |       |       |       |       | 7.1    | 6.5    | 6      | 5.1    | 4.9    | 4.1    | 4.1    | 2.7    | 2.5    | 105 |  |
| 110                                                                                                  |       |       |       |       |       |        | 5.6    | 5.2    | 4.3    | 4.2    | 3.3    | 3.3    |        |        | 110 |  |
| 115                                                                                                  |       |       |       |       |       |        | 4.8    | 4.4    | 3.6    | 3.5    | 2.6    | 2.6    |        |        | 115 |  |
| 120                                                                                                  |       |       |       |       |       |        |        | 3.7    | 3      | 2.9    |        |        |        |        | 120 |  |
| 125                                                                                                  |       |       |       |       |       |        |        | 3.1    | 2.2    |        |        |        |        |        | 125 |  |
| 130                                                                                                  |       |       |       |       |       |        |        | 2.5    |        |        |        |        |        |        | 130 |  |

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# Lifting capacities Forces de levage

T

| <div> <div>42 – 197 ft</div> <div>T</div> <div>360°</div> <div>14600 lbs</div> <div>85%</div> </div> |       |       |       |       |       |        |        |        |        |        |        |        |        |        |     |  |
|------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--|
| ft                                                                                                   | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | ft  |  |
| 10                                                                                                   | 182.2 | 182.2 | 180.8 | 150.4 |       |        |        |        |        |        |        |        |        |        | 10  |  |
| 11                                                                                                   | 182.2 | 182.2 | 181.4 | 149.1 |       |        |        |        |        |        |        |        |        |        | 11  |  |
| 12                                                                                                   | 182.2 | 182.2 | 180.6 | 147.7 |       |        |        |        |        |        |        |        |        |        | 12  |  |
| 13                                                                                                   | 179.8 | 181.5 | 176.1 | 146.4 | 123.6 |        |        |        |        |        |        |        |        |        | 13  |  |
| 14                                                                                                   | 173.1 | 173.6 | 168.4 | 145   | 122.9 |        |        |        |        |        |        |        |        |        | 14  |  |
| 15                                                                                                   | 163.3 | 163.8 | 161.4 | 143   | 122   |        |        |        |        |        |        |        |        |        | 15  |  |
| 16                                                                                                   | 153.2 | 154   | 148.6 | 134   | 121   | 96.8   |        |        |        |        |        |        |        |        | 16  |  |
| 17                                                                                                   | 144   | 144.5 | 135.9 | 126   | 116.8 | 95.9   |        |        |        |        |        |        |        |        | 17  |  |
| 18                                                                                                   | 135.5 | 136.1 | 127.5 | 115.8 | 109.4 | 94     |        |        |        |        |        |        |        |        | 18  |  |
| 19                                                                                                   | 127.3 | 127.8 | 117.4 | 110.6 | 102.1 | 90.8   | 72.8   |        |        |        |        |        |        |        | 19  |  |
| 20                                                                                                   | 119.4 | 117.3 | 108.6 | 103.6 | 94.9  | 86.1   | 72.3   |        |        |        |        |        |        |        | 20  |  |
| 22                                                                                                   | 105.6 | 100.8 | 96.7  | 89.8  | 82.5  | 76     | 68.9   | 51.2   |        |        |        |        |        |        | 22  |  |
| 24                                                                                                   | 91.1  | 87.1  | 84.4  | 78.7  | 72.6  | 67.5   | 64     | 54.6   |        |        |        |        |        |        | 24  |  |
| 26                                                                                                   | 77.3  | 77.8  | 74.4  | 70    | 64.5  | 62.7   | 57.9   | 52.6   | 43.7   |        |        |        |        |        | 26  |  |
| 28                                                                                                   | 65.8  | 68.7  | 66.3  | 62.5  | 59    | 57     | 52.3   | 48.1   | 43.3   |        |        |        |        |        | 28  |  |
| 30                                                                                                   | 56.9  | 61    | 59.5  | 56.2  | 55.6  | 51.7   | 48.5   | 45.9   | 41.3   | 31.9   | 35.3   |        |        |        | 30  |  |
| 32                                                                                                   | 49.7  | 53.7  | 53.9  | 51.1  | 50.7  | 47.2   | 44.8   | 42.3   | 38.9   | 31.9   | 34.7   | 28.3   |        |        | 32  |  |
| 34                                                                                                   | 43.9  | 47.9  | 49    | 47.8  | 46.5  | 43.3   | 42.2   | 38.9   | 36.4   | 31.7   | 33.1   | 28.2   | 28.7   |        | 34  |  |
| 36                                                                                                   |       | 42.8  | 44.4  | 45    | 42.7  | 40.3   | 39     | 37     | 34.8   | 31.4   | 32.1   | 28.2   | 28.7   |        | 36  |  |
| 38                                                                                                   |       | 38.5  | 40.6  | 41.5  | 39.6  | 38.5   | 36.1   | 34.7   | 32.6   | 30.8   | 30.5   | 28.1   | 28.1   | 23.2   | 38  |  |
| 40                                                                                                   |       | 34.9  | 36.9  | 38.4  | 36.7  | 36     | 34     | 32.2   | 30.3   | 29.4   | 28.3   | 27.6   | 26.1   | 23.2   | 40  |  |
| 45                                                                                                   |       | 27.9  | 29.8  | 31.2  | 31    | 30.2   | 28.7   | 27.2   | 25.5   | 25     | 23.8   | 23.3   | 21.7   | 20.5   | 45  |  |
| 50                                                                                                   |       |       | 24.6  | 25.9  | 26    | 25.9   | 24.4   | 23.2   | 21.7   | 21.2   | 20.1   | 19.7   | 18.2   | 17.2   | 50  |  |
| 55                                                                                                   |       |       | 20.5  | 21.9  | 22    | 22.2   | 21     | 19.9   | 18.6   | 18.3   | 17.2   | 16.8   | 15.3   | 14.5   | 55  |  |
| 60                                                                                                   |       |       | 17.4  | 18.6  | 18.7  | 19     | 18.2   | 17.2   | 16     | 15.7   | 14.6   | 14.4   | 13     | 12.2   | 60  |  |
| 65                                                                                                   |       |       |       | 16    | 16.1  | 16.4   | 15.8   | 14.9   | 13.8   | 13.6   | 12.5   | 12.3   | 10.9   | 10.4   | 65  |  |
| 70                                                                                                   |       |       |       | 13.9  | 14    | 14.2   | 13.8   | 13     | 11.9   | 11.7   | 10.7   | 10.5   | 9.2    | 8.7    | 70  |  |
| 75                                                                                                   |       |       |       | 12    | 12.1  | 12.4   | 11.9   | 11.3   | 10.3   | 10.1   | 9.1    | 9      | 7.7    | 7.3    | 75  |  |
| 80                                                                                                   |       |       |       |       | 10.5  | 10.8   | 10.3   | 9.8    | 8.9    | 8.7    | 7.8    | 7.7    | 6.4    | 6.1    | 80  |  |
| 85                                                                                                   |       |       |       |       | 9.1   | 9.3    | 8.9    | 8.5    | 7.6    | 7.5    | 6.6    | 6.5    | 5.2    | 5      | 85  |  |
| 90                                                                                                   |       |       |       |       | 7.9   | 8.1    | 7.7    | 7.3    | 6.5    | 6.4    | 5.5    | 5.5    | 4.2    | 4      | 90  |  |
| 95                                                                                                   |       |       |       |       |       | 7.1    | 6.6    | 6.3    | 5.5    | 5.4    | 4.5    | 4.5    | 3.2    | 3      | 95  |  |
| 100                                                                                                  |       |       |       |       |       | 6.1    | 5.6    | 5.3    | 4.6    | 4.5    | 3.7    | 3.7    |        |        | 100 |  |
| 105                                                                                                  |       |       |       |       |       | 5.3    | 4.8    | 4.5    | 3.9    | 3.8    | 2.9    | 2.9    |        |        | 105 |  |
| 110                                                                                                  |       |       |       |       |       |        | 4      | 3.7    | 3.1    | 3      |        |        |        |        | 110 |  |
| 115                                                                                                  |       |       |       |       |       |        | 3.4    | 3      | 2.3    | 2.3    |        |        |        |        | 115 |  |
| 120                                                                                                  |       |       |       |       |       |        |        | 2.4    |        |        |        |        |        |        | 120 |  |

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# Lifting capacities Forces de levage

**T**

| <div><div>ft</div><div>42 – 197 ft</div><div></div><div></div><div></div><div>85%</div></div> |       |       |       |       |       |        |        |        |        |        |        |        |        |        |                                                                                                  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------------------------------------------------------------------------------------|--|
| ft                                                                                                                                                                                                                                                                                                                                                                                                                                | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | <div>ft</div> |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                | 182.2 | 182.2 | 180.8 | 150.4 |       |        |        |        |        |        |        |        |        |        | 10                                                                                               |  |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                | 182.2 | 182.2 | 181.4 | 149.1 |       |        |        |        |        |        |        |        |        |        | 11                                                                                               |  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                | 182.2 | 182.2 | 179.5 | 147.7 |       |        |        |        |        |        |        |        |        |        | 12                                                                                               |  |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                | 178.1 | 178.6 | 170.2 | 141.1 | 123.6 |        |        |        |        |        |        |        |        |        | 13                                                                                               |  |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                | 167.2 | 167.8 | 149.6 | 131.7 | 119.4 |        |        |        |        |        |        |        |        |        | 14                                                                                               |  |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                | 155.9 | 151.5 | 134.8 | 124.2 | 113.5 |        |        |        |        |        |        |        |        |        | 15                                                                                               |  |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                | 145.8 | 135.8 | 124   | 114.8 | 102.9 | 90.9   |        |        |        |        |        |        |        |        | 16                                                                                               |  |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                | 134.4 | 123.8 | 112.8 | 104.8 | 93.6  | 83.1   |        |        |        |        |        |        |        |        | 17                                                                                               |  |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                | 122.1 | 111.9 | 105   | 95.1  | 85.4  | 77.6   |        |        |        |        |        |        |        |        | 18                                                                                               |  |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                | 110   | 101.3 | 95.5  | 87    | 78.7  | 73     | 67.6   |        |        |        |        |        |        |        | 19                                                                                               |  |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                | 98.8  | 92.8  | 87.4  | 80.2  | 73.5  | 69.7   | 62.7   |        |        |        |        |        |        |        | 20                                                                                               |  |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                | 81.4  | 78.6  | 74.2  | 68.7  | 66.5  | 60.8   | 55.6   | 50.3   |        |        |        |        |        |        | 22                                                                                               |  |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                | 69.1  | 67.4  | 64.3  | 61    | 58.4  | 53.6   | 50.7   | 46.8   |        |        |        |        |        |        | 24                                                                                               |  |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                | 58.3  | 58.5  | 56.4  | 55.6  | 51.8  | 48.8   | 46     | 42.9   | 38.2   |        |        |        |        |        | 26                                                                                               |  |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                | 49    | 51.3  | 50.6  | 49.5  | 46.4  | 44.8   | 41.9   | 39.2   | 36.1   |        |        |        |        |        | 28                                                                                               |  |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                | 42    | 45.5  | 45.2  | 44.4  | 42.3  | 40.5   | 38     | 35.6   | 33.2   | 31.6   | 30.7   |        |        |        | 30                                                                                               |  |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                | 36.3  | 40.3  | 40.7  | 40.3  | 38.4  | 36.9   | 34.6   | 32.5   | 30.3   | 29.4   | 28     | 26.8   |        |        | 32                                                                                               |  |
| 34                                                                                                                                                                                                                                                                                                                                                                                                                                | 31.7  | 35.7  | 36.8  | 36.7  | 35    | 33.7   | 31.6   | 29.8   | 27.7   | 27     | 25.5   | 25     | 23.2   |        | 34                                                                                               |  |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 31.7  | 33.4  | 33.5  | 32    | 31.1   | 29     | 27.3   | 25.4   | 24.7   | 23.5   | 22.9   | 21.2   |        | 36                                                                                               |  |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 28.3  | 30.3  | 30.7  | 29.5  | 28.5   | 26.7   | 25.2   | 23.4   | 22.8   | 21.5   | 21.1   | 19.4   | 18.3   | 38                                                                                               |  |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 25.4  | 27.4  | 28.2  | 27.1  | 26.4   | 24.7   | 23.2   | 21.6   | 21.1   | 19.8   | 19.4   | 17.8   | 16.7   | 40                                                                                               |  |
| 45                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 19.8  | 21.7  | 23.1  | 22.3  | 21.8   | 20.5   | 19.2   | 17.7   | 17.3   | 16.2   | 15.9   | 14.4   | 13.5   | 45                                                                                               |  |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       | 17.6  | 18.9  | 18.7  | 18.3   | 17.1   | 16     | 14.7   | 14.4   | 13.3   | 13.1   | 11.6   | 10.9   | 50                                                                                               |  |
| 55                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       | 14.3  | 15.7  | 15.7  | 15.5   | 14.3   | 13.4   | 12.2   | 12     | 10.9   | 10.7   | 9.3    | 8.7    | 55                                                                                               |  |
| 60                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       | 11.6  | 13    | 13.2  | 13.2   | 12.1   | 11.2   | 10.1   | 9.9    | 8.9    | 8.8    | 7.4    | 7      | 60                                                                                               |  |
| 65                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       | 10.8  | 11    | 11.2   | 10.2   | 9.4    | 8.4    | 8.2    | 7.2    | 7.2    | 5.8    | 5.5    | 65                                                                                               |  |
| 70                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       | 9     | 9.1   | 9.4    | 8.6    | 7.9    | 6.9    | 6.8    | 5.8    | 5.7    | 4.4    | 4.1    | 70                                                                                               |  |
| 75                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       | 7.5   | 7.6   | 7.9    | 7.3    | 6.5    | 5.6    | 5.5    | 4.6    | 4.5    | 2.9    | 2.6    | 75                                                                                               |  |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       | 6.3   | 6.6    | 6.1    | 5.4    | 4.5    | 4.4    | 3.3    | 3.3    |        |        | 80                                                                                               |  |
| 85                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       | 5.2   | 5.5    | 5      | 4.4    | 3.4    | 3.3    |        |        |        |        | 85                                                                                               |  |
| 90                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       | 4.3   | 4.5    | 4.1    | 3.5    | 2.2    |        |        |        |        |        | 90                                                                                               |  |
| 95                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       | 3.7    | 3.1    | 2.4    |        |        |        |        |        |        | 95                                                                                               |  |
| 100                                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       | 2.9    |        |        |        |        |        |        |        |        | 100                                                                                              |  |
| 105                                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       | 2.3    |        |        |        |        |        |        |        |        | 105                                                                                              |  |

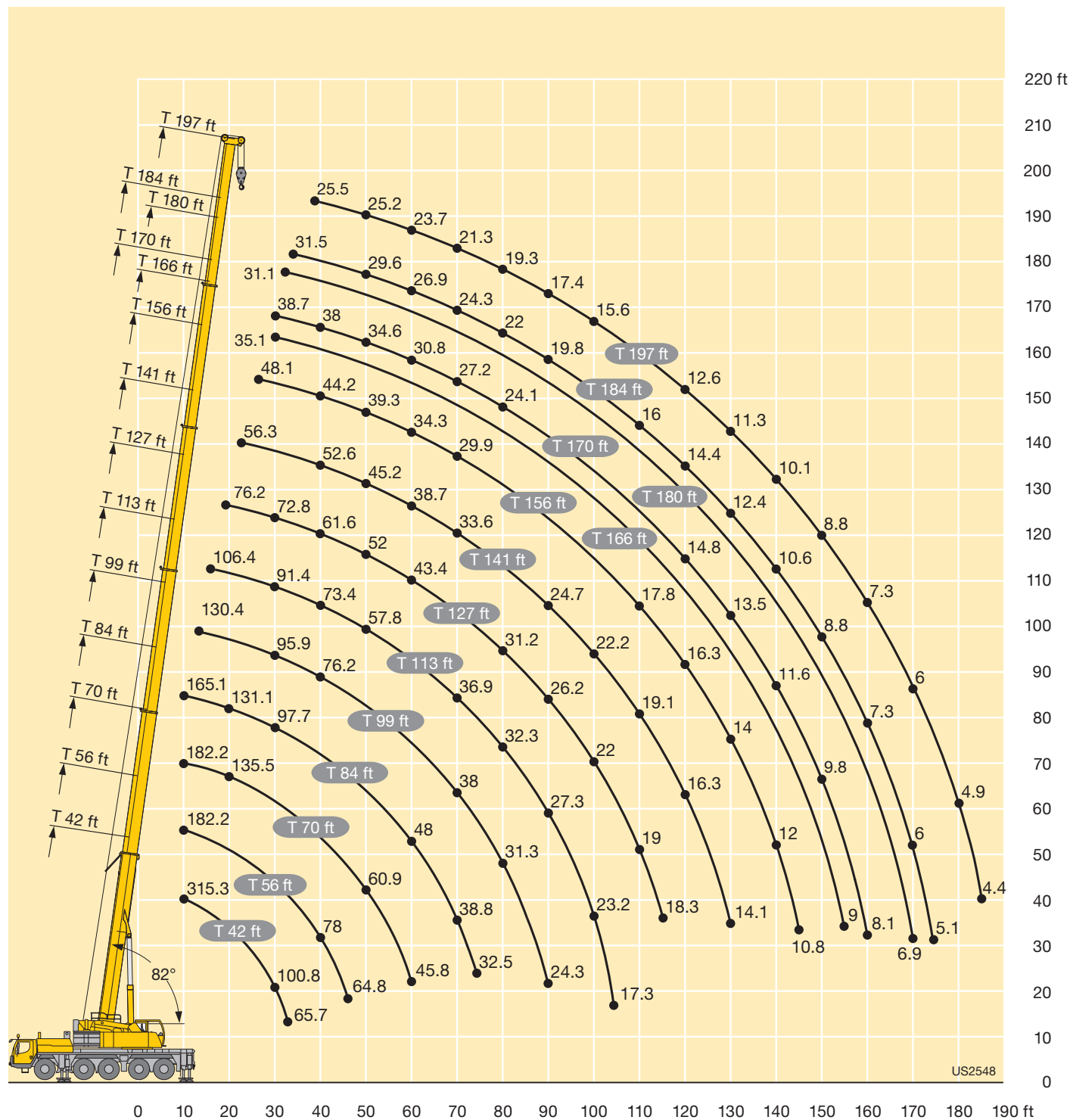
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# Lifting heights Hauteurs de levage

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# Lifting capacities Forces de levage

TK

| <div><div><div>42 – 197 ft</div><div>T</div></div><div><div>35 ft</div><div>K</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>92600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div> |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                 | 42 ft |      |      | 99 ft |      |      | 113 ft |      |      | 127 ft |      |      | 141 ft |      |      | 156 ft |      |      | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                     | 35 ft |      |      | 35 ft |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      |                                     |
|                                                                                                                                                                                                                                                     | 0°    | 20°  | 40°  | 0°    | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                     |
| 14                                                                                                                                                                                                                                                  | 38.7  |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 14                                  |
| 15                                                                                                                                                                                                                                                  | 38.7  |      |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 15                                  |
| 16                                                                                                                                                                                                                                                  | 38.7  | 37.6 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 16                                  |
| 17                                                                                                                                                                                                                                                  | 38.7  | 37.5 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 17                                  |
| 18                                                                                                                                                                                                                                                  | 38.7  | 37.3 |      | 38.7  |      |      | 38.7   |      |      |        |      |      |        |      |      |        |      |      | 18                                  |
| 19                                                                                                                                                                                                                                                  | 38.2  | 36.4 |      | 38.7  |      |      | 38.7   |      |      |        |      |      |        |      |      |        |      |      | 19                                  |
| 20                                                                                                                                                                                                                                                  | 37.6  | 35.7 |      | 38.7  |      |      | 38.7   |      |      |        |      |      |        |      |      |        |      |      | 20                                  |
| 22                                                                                                                                                                                                                                                  | 36.2  | 34.5 |      | 38.7  |      |      | 38.7   |      |      | 37.2   |      |      |        |      |      |        |      |      | 22                                  |
| 24                                                                                                                                                                                                                                                  | 34.8  | 33.2 |      | 38.7  |      |      | 38.7   |      |      | 37.1   |      |      |        |      |      |        |      |      | 24                                  |
| 26                                                                                                                                                                                                                                                  | 33.4  | 32   | 25.9 | 38.7  |      |      | 38.7   |      |      | 37     |      |      | 31.8   |      |      |        |      |      | 26                                  |
| 28                                                                                                                                                                                                                                                  | 31.9  | 30.8 | 25.5 | 38.7  | 33.4 |      | 38.7   |      |      | 36.7   |      |      | 31.7   |      |      | 19.5   |      |      | 28                                  |
| 30                                                                                                                                                                                                                                                  | 30.4  | 29.7 | 24.7 | 38.7  | 32.6 |      | 38.7   | 32.3 |      | 36.3   |      |      | 31.7   |      |      | 26.5   |      |      | 30                                  |
| 32                                                                                                                                                                                                                                                  | 28.9  | 28.6 | 24.1 | 38.7  | 31.8 |      | 38.7   | 31.7 |      | 35.8   |      |      | 31.4   |      |      | 26.4   |      |      | 32                                  |
| 34                                                                                                                                                                                                                                                  | 27.4  | 27.6 | 23.4 | 38.7  | 31   |      | 38.6   | 31   |      | 35.3   | 30   |      | 31.2   |      |      | 26.3   |      |      | 34                                  |
| 36                                                                                                                                                                                                                                                  | 25.9  | 26.7 | 22.9 | 38.7  | 30.4 | 24.2 | 37.9   | 30.4 |      | 34.8   | 29.6 |      | 30.8   |      |      | 26.2   |      |      | 36                                  |
| 38                                                                                                                                                                                                                                                  | 24.4  | 25.8 | 22.3 | 38.3  | 29.7 | 23.8 | 37.2   | 29.7 | 23.7 | 34.3   | 29   |      | 30.5   | 27.5 |      | 26.1   |      |      | 38                                  |
| 40                                                                                                                                                                                                                                                  | 23.2  | 24.5 | 21.8 | 37.6  | 29.1 | 23.5 | 36.5   | 29.2 | 23.5 | 33.9   | 28.5 |      | 30.2   | 27.1 |      | 25.9   |      |      | 40                                  |
| 45                                                                                                                                                                                                                                                  | 20.5  | 21.3 | 20   | 35.6  | 27.6 | 22.6 | 34.9   | 27.8 | 22.7 | 32.7   | 27.3 | 22.5 | 29.4   | 26.1 |      | 25.5   | 24.2 |      | 45                                  |
| 50                                                                                                                                                                                                                                                  | 18.3  | 19.3 | 18.4 | 33.6  | 26.2 | 21.9 | 33.4   | 26.6 | 22   | 31.5   | 26.3 | 21.8 | 28.6   | 25.2 | 21.4 | 25     | 23.5 |      | 50                                  |
| 55                                                                                                                                                                                                                                                  | 16.5  | 18.1 | 17.5 | 31.5  | 25.1 | 21.2 | 31.9   | 25.5 | 21.4 | 30.4   | 25.3 | 21.2 | 27.8   | 24.4 | 20.8 | 24.6   | 22.9 | 19.5 | 55                                  |
| 60                                                                                                                                                                                                                                                  | 15    | 17.1 | 16.9 | 29.3  | 24   | 20.6 | 30.4   | 24.5 | 20.8 | 29.3   | 24.4 | 20.7 | 27.1   | 23.6 | 20.3 | 24     | 22.3 | 19.5 | 60                                  |
| 65                                                                                                                                                                                                                                                  | 13.7  | 16.4 | 6.4  | 27.2  | 23   | 20   | 28.9   | 23.6 | 20.3 | 28.3   | 23.5 | 20.2 | 26.3   | 22.9 | 19.9 | 23.5   | 21.7 | 19.5 | 65                                  |
| 70                                                                                                                                                                                                                                                  |       |      |      | 25    | 22.2 | 19.6 | 27.2   | 22.7 | 19.8 | 27.2   | 22.7 | 19.8 | 25.6   | 22.2 | 19.5 | 22.7   | 21.1 | 19.3 | 70                                  |
| 75                                                                                                                                                                                                                                                  |       |      |      | 23.1  | 21.3 | 19.1 | 25.5   | 22   | 19.3 | 26.2   | 22   | 19.3 | 24.6   | 21.6 | 19.4 | 21.8   | 20.6 | 18.9 | 75                                  |
| 80                                                                                                                                                                                                                                                  |       |      |      | 21.6  | 20.4 | 18.6 | 23.7   | 21.2 | 18.9 | 25     | 21.4 | 19   | 23.5   | 21   | 19.1 | 21     | 20.1 | 18.6 | 80                                  |
| 85                                                                                                                                                                                                                                                  |       |      |      | 20.2  | 19.6 | 18.1 | 22.2   | 20.5 | 18.5 | 23.6   | 20.8 | 18.6 | 22.4   | 20.5 | 18.7 | 20     | 19.4 | 18.3 | 85                                  |
| 90                                                                                                                                                                                                                                                  |       |      |      | 18.9  | 18.9 | 17.7 | 20.9   | 19.8 | 18.2 | 22.2   | 20.2 | 18.3 | 21.2   | 19.9 | 18.3 | 18.8   | 18.6 | 17.9 | 90                                  |
| 95                                                                                                                                                                                                                                                  |       |      |      | 17.8  | 18.2 | 17.4 | 19.7   | 19.1 | 17.8 | 20.9   | 19.6 | 18   | 20.1   | 19.3 | 17.9 | 17.7   | 17.7 | 17.3 | 95                                  |
| 100                                                                                                                                                                                                                                                 |       |      |      | 16.7  | 17.7 | 17.1 | 18.6   | 18.5 | 17.4 | 19.7   | 19   | 17.7 | 18.7   | 18.7 | 17.7 | 16.8   | 16.9 | 16.7 | 100                                 |
| 105                                                                                                                                                                                                                                                 |       |      |      | 15.8  | 17.2 | 16.9 | 17.6   | 18   | 17.2 | 18.7   | 18.5 | 17.4 | 17.2   | 17.9 | 17.3 | 15.9   | 16   | 15.9 | 105                                 |
| 110                                                                                                                                                                                                                                                 |       |      |      | 15    | 16.7 | 14   | 16.7   | 17.5 | 16.9 | 17.5   | 17.8 | 17.1 | 15.8   | 16.8 | 16.8 | 15     | 15.1 | 15.2 | 110                                 |
| 115                                                                                                                                                                                                                                                 |       |      |      | 14.2  | 16.4 |      | 15.9   | 17   | 16.7 | 16.3   | 16.8 | 16.7 | 14.7   | 15.4 | 16   | 14.1   | 14.3 | 14.4 | 115                                 |
| 120                                                                                                                                                                                                                                                 |       |      |      | 13.6  | 16.3 |      | 15.1   | 16.1 | 16.2 | 15     | 15.6 | 16   | 13.9   | 14.2 | 14.7 | 13     | 13.5 | 13.6 | 120                                 |
| 125                                                                                                                                                                                                                                                 |       |      |      | 12.4  |      |      | 14.3   | 14.8 |      | 13.7   | 14.3 | 14.6 | 13.2   | 13.2 | 13.5 | 11.9   | 12.7 | 12.9 | 125                                 |
| 130                                                                                                                                                                                                                                                 |       |      |      |       |      |      | 13.5   | 13.7 |      | 12.6   | 13.1 | 13.4 | 12.4   | 12.6 | 12.6 | 10.9   | 11.7 | 12.2 | 130                                 |
| 135                                                                                                                                                                                                                                                 |       |      |      |       |      |      | 12.5   | 12.7 |      | 11.6   | 12   |      | 11.4   | 11.9 | 12.1 | 10.4   | 10.7 | 11.3 | 135                                 |
| 140                                                                                                                                                                                                                                                 |       |      |      |       |      |      | 7.9    |      |      | 10.6   | 11   |      | 10.4   | 10.9 | 11.3 | 10     | 10   | 10.4 | 140                                 |
| 145                                                                                                                                                                                                                                                 |       |      |      |       |      |      |        |      |      | 9.7    | 10   |      | 9.5    | 10   | 10.3 | 9.5    | 9.5  | 9.6  | 145                                 |
| 150                                                                                                                                                                                                                                                 |       |      |      |       |      |      |        |      |      | 8.8    | 9.1  |      | 8.7    | 9.1  |      | 8.9    | 9.1  | 9.2  | 150                                 |
| 155                                                                                                                                                                                                                                                 |       |      |      |       |      |      |        |      |      |        |      |      | 8.2    | 8.3  |      | 8.1    | 8.5  | 8.8  | 155                                 |
| 160                                                                                                                                                                                                                                                 |       |      |      |       |      |      |        |      |      |        |      |      | 7.9    | 8    |      | 7.4    | 7.7  |      | 160                                 |
| 165                                                                                                                                                                                                                                                 |       |      |      |       |      |      |        |      |      |        |      |      | 7.7    | 7.8  |      | 6.9    | 7    |      | 165                                 |
| 170                                                                                                                                                                                                                                                 |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      | 6.6    | 6.6  |      | 170                                 |
| 175                                                                                                                                                                                                                                                 |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      | 6.4    | 6.4  |      | 175                                 |
| 180                                                                                                                                                                                                                                                 |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      | 6      |      |      | 180                                 |

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# Lifting capacities Forces de levage

TK

| <div><div><div>42 – 197 ft</div><div>T</div></div><div><div>35 ft</div><div>K</div></div><div><div></div><div></div></div><div><div>360°</div></div><div><div>92600 lbs</div></div><div><div>85%</div></div></div> |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                | 166 ft |      |      | 170 ft |      |      | 180 ft |      |      | 184 ft |      |      | 197 ft |      |      | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                    | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      |                                     |
|                                                                                                                                                                                                                    | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                     |
| 32                                                                                                                                                                                                                 | 18.4   |      |      | 19.5   |      |      |        |      |      |        |      |      |        |      |      | 32                                  |
| 34                                                                                                                                                                                                                 | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      |        |      |      |        |      |      | 34                                  |
| 36                                                                                                                                                                                                                 | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      | 16.5   |      |      |        |      |      | 36                                  |
| 38                                                                                                                                                                                                                 | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      | 16.5   |      |      |        |      |      | 38                                  |
| 40                                                                                                                                                                                                                 | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      | 16.5   |      |      | 13.9   |      |      | 40                                  |
| 45                                                                                                                                                                                                                 | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      | 16.5   |      |      | 13.9   |      |      | 45                                  |
| 50                                                                                                                                                                                                                 | 18.3   | 17.9 |      | 19.5   | 19.5 |      | 16.3   | 16   |      | 16.5   | 16.3 |      | 13.9   |      |      | 50                                  |
| 55                                                                                                                                                                                                                 | 18.1   | 17.5 |      | 19.5   | 19.5 |      | 16.2   | 16   |      | 16.5   | 16.3 |      | 13.9   | 13.6 |      | 55                                  |
| 60                                                                                                                                                                                                                 | 17.4   | 16.8 | 16.3 | 19.5   | 19.5 | 18.6 | 16.2   | 15.9 | 15.3 | 16.5   | 16.3 |      | 13.8   | 13.6 |      | 60                                  |
| 65                                                                                                                                                                                                                 | 16.8   | 16.2 | 15.6 | 19.5   | 19.4 | 18.3 | 15.8   | 15.6 | 15.1 | 16.2   | 16.2 | 15.5 | 13.8   | 13.5 | 13.1 | 65                                  |
| 70                                                                                                                                                                                                                 | 16.1   | 15.6 | 15.1 | 19.4   | 18.9 | 18   | 15.3   | 15   | 14.7 | 15.9   | 15.8 | 15.4 | 13.6   | 13.4 | 13.1 | 70                                  |
| 75                                                                                                                                                                                                                 | 15.4   | 14.9 | 14.5 | 18.6   | 18.2 | 17.7 | 14.9   | 14.5 | 14.2 | 15.6   | 15.3 | 15.1 | 13.4   | 13.3 | 13.1 | 75                                  |
| 80                                                                                                                                                                                                                 | 14.7   | 14.3 | 14   | 17.8   | 17.4 | 17.1 | 14.3   | 13.9 | 13.7 | 15.1   | 14.8 | 14.6 | 13.1   | 13   | 13   | 80                                  |
| 85                                                                                                                                                                                                                 | 13.9   | 13.7 | 13.5 | 16.9   | 16.6 | 16.5 | 13.7   | 13.4 | 13.3 | 14.5   | 14.2 | 14.1 | 12.8   | 12.6 | 12.6 | 85                                  |
| 90                                                                                                                                                                                                                 | 13.3   | 13   | 13   | 16.1   | 15.9 | 15.8 | 13.1   | 12.9 | 12.8 | 13.9   | 13.7 | 13.6 | 12.4   | 12.2 | 12.2 | 90                                  |
| 95                                                                                                                                                                                                                 | 12.6   | 12.5 | 12.4 | 15.4   | 15.1 | 15.1 | 12.5   | 12.3 | 12.3 | 13.3   | 13.2 | 13.2 | 11.9   | 11.8 | 11.8 | 95                                  |
| 100                                                                                                                                                                                                                | 12     | 11.9 | 11.9 | 14.7   | 14.5 | 14.5 | 12     | 11.8 | 11.9 | 12.8   | 12.7 | 12.7 | 11.5   | 11.4 | 11.4 | 100                                 |
| 105                                                                                                                                                                                                                | 11.4   | 11.4 | 11.4 | 14     | 13.8 | 13.8 | 11.4   | 11.4 | 11.4 | 12.2   | 12.1 | 12.2 | 11     | 11   | 11   | 105                                 |
| 110                                                                                                                                                                                                                | 10.8   | 10.8 | 10.9 | 13.3   | 13.2 | 13.2 | 10.9   | 10.9 | 10.9 | 11.7   | 11.6 | 11.7 | 10.6   | 10.6 | 10.6 | 110                                 |
| 115                                                                                                                                                                                                                | 10.2   | 10.3 | 10.4 | 12.7   | 12.6 | 12.7 | 10.4   | 10.5 | 10.5 | 11.2   | 11.1 | 11.2 | 10.2   | 10.2 | 10.3 | 115                                 |
| 120                                                                                                                                                                                                                | 9.7    | 9.8  | 10   | 12     | 12.1 | 12.1 | 10     | 10   | 10.1 | 10.7   | 10.7 | 10.8 | 9.7    | 9.8  | 10   | 120                                 |
| 125                                                                                                                                                                                                                | 9.2    | 9.4  | 9.5  | 11.4   | 11.5 | 11.6 | 9.6    | 9.6  | 9.7  | 10.3   | 10.2 | 10.3 | 9.3    | 9.4  | 9.6  | 125                                 |
| 130                                                                                                                                                                                                                | 8.7    | 8.9  | 9.1  | 10.8   | 10.9 | 11.1 | 9.1    | 9.2  | 9.4  | 9.9    | 9.8  | 9.9  | 8.9    | 9    | 9.3  | 130                                 |
| 135                                                                                                                                                                                                                | 8.3    | 8.5  | 8.7  | 10.1   | 10.4 | 10.6 | 8.7    | 8.9  | 9    | 9.5    | 9.5  | 9.6  | 8.5    | 8.7  | 8.9  | 135                                 |
| 140                                                                                                                                                                                                                | 7.9    | 8.1  | 8.3  | 9.4    | 9.8  | 10.1 | 8.4    | 8.5  | 8.6  | 9.1    | 9.1  | 9.2  | 8.1    | 8.3  | 8.5  | 140                                 |
| 145                                                                                                                                                                                                                | 7.6    | 7.7  | 7.9  | 8.7    | 9.2  | 9.5  | 8      | 8.1  | 8.3  | 8.6    | 8.8  | 8.9  | 7.7    | 7.9  | 8.1  | 145                                 |
| 150                                                                                                                                                                                                                | 7.2    | 7.3  | 7.5  | 8.3    | 8.5  | 8.8  | 7.7    | 7.8  | 7.9  | 8.1    | 8.4  | 8.6  | 7.3    | 7.5  | 7.7  | 150                                 |
| 155                                                                                                                                                                                                                | 6.9    | 7    | 7.1  | 8      | 8    | 8.1  | 7.4    | 7.5  | 7.6  | 7.5    | 7.9  | 8.1  | 6.9    | 7.2  | 7.3  | 155                                 |
| 160                                                                                                                                                                                                                | 6.6    | 6.6  | 6.8  | 7.7    | 7.7  | 7.8  | 7.1    | 7.2  | 7.3  | 6.9    | 7.4  | 7.6  | 6.5    | 6.8  | 7    | 160                                 |
| 165                                                                                                                                                                                                                | 6.3    | 6.4  | 6.4  | 7.2    | 7.4  | 7.5  | 6.8    | 6.9  | 7    | 6.2    | 6.7  | 7    | 6      | 6.4  | 6.6  | 165                                 |
| 170                                                                                                                                                                                                                | 6      | 6.1  |      | 6.6    | 6.9  |      | 6.4    | 6.6  | 6.7  | 5.6    | 6.1  | 6.3  | 5.4    | 5.9  | 6.1  | 170                                 |
| 175                                                                                                                                                                                                                | 5.7    | 5.8  |      | 6      | 6.4  |      | 6      | 6.2  | 6.4  | 5      | 5.4  | 5.6  | 4.9    | 5.3  | 5.6  | 175                                 |
| 180                                                                                                                                                                                                                | 5.4    | 5.5  |      | 5.5    | 5.7  |      | 5.5    | 5.8  |      | 4.4    | 4.8  | 5    | 4.3    | 4.7  | 4.9  | 180                                 |
| 185                                                                                                                                                                                                                | 5.2    | 5.3  |      | 5      | 5.2  |      | 4.9    | 5.2  |      | 3.9    | 4.3  |      | 3.8    | 4.2  | 4.4  | 185                                 |
| 190                                                                                                                                                                                                                | 4.8    |      |      | 4.5    | 4.6  |      | 4.4    | 4.7  |      | 3.4    | 3.7  |      | 3.3    | 3.7  | 3.8  | 190                                 |
| 195                                                                                                                                                                                                                |        |      |      | 3.8    |      |      | 4      | 4.2  |      | 3      | 3.2  |      | 2.8    | 3.1  |      | 195                                 |
| 200                                                                                                                                                                                                                |        |      |      |        |      |      | 3.5    | 3.7  |      | 2.5    | 2.7  |      | 2.4    | 2.7  |      | 200                                 |
| 205                                                                                                                                                                                                                |        |      |      |        |      |      | 3      |      |      | 2.1    | 2.3  |      | 1.9    | 2.2  |      | 205                                 |
| 210                                                                                                                                                                                                                |        |      |      |        |      |      |        |      |      | 1.8    |      |      |        | 1.8  |      | 210                                 |

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# Lifting capacities Forces de levage

TK

| <div><div><div>42 – 197 ft</div><div>62 ft</div><div></div><div>360°</div><div>92600 lbs</div><div>85%</div></div></div> |       |      |     |       |      |     |        |      |     |        |     |     |        |     |     |        |     |     |                                     |
|--------------------------------------------------------------------------------------------------------------------------|-------|------|-----|-------|------|-----|--------|------|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                      | 42 ft |      |     | 99 ft |      |     | 113 ft |      |     | 127 ft |     |     | 141 ft |     |     | 156 ft |     |     | <div><div></div><div>ft</div></div> |
|                                                                                                                          | 62 ft |      |     | 62 ft |      |     | 62 ft  |      |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                     |
|                                                                                                                          | 0°    | 20°  | 40° | 0°    | 20°  | 40° | 0°     | 20°  | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                     |
| 17                                                                                                                       | 16.7  |      |     |       |      |     |        |      |     |        |     |     |        |     |     |        |     | 17  |                                     |
| 18                                                                                                                       | 16.6  |      |     |       |      |     |        |      |     |        |     |     |        |     |     |        |     | 18  |                                     |
| 19                                                                                                                       | 16.4  |      |     |       |      |     |        |      |     |        |     |     |        |     |     |        |     | 19  |                                     |
| 20                                                                                                                       | 16.3  |      |     | 14.2  |      |     |        |      |     |        |     |     |        |     |     |        |     | 20  |                                     |
| 22                                                                                                                       | 16    |      |     | 14.1  |      |     |        |      |     |        |     |     |        |     |     |        |     | 22  |                                     |
| 24                                                                                                                       | 15.7  |      |     | 14    |      |     | 13.5   |      |     |        |     |     |        |     |     |        |     | 24  |                                     |
| 26                                                                                                                       | 15.3  |      |     | 13.9  |      |     | 13.4   |      |     | 12.6   |     |     |        |     |     |        |     | 26  |                                     |
| 28                                                                                                                       | 14.9  |      |     | 13.7  |      |     | 13.3   |      |     | 12.5   |     |     |        |     |     |        |     | 28  |                                     |
| 30                                                                                                                       | 14.5  | 11.7 |     | 13.6  |      |     | 13.2   |      |     | 12.5   |     |     | 12     |     |     |        |     | 30  |                                     |
| 32                                                                                                                       | 14.1  | 11.6 |     | 13.5  |      |     | 13.1   |      |     | 12.4   |     |     | 11.9   |     |     | 11.9   |     | 32  |                                     |
| 34                                                                                                                       | 13.7  | 11.4 |     | 13.3  |      |     | 12.9   |      |     | 12.3   |     |     | 11.8   |     |     | 11.8   |     | 34  |                                     |
| 36                                                                                                                       | 13.3  | 11.1 |     | 13.1  |      |     | 12.8   |      |     | 12.2   |     |     | 11.7   |     |     | 11.7   |     | 36  |                                     |
| 38                                                                                                                       | 13    | 10.8 |     | 12.9  |      |     | 12.6   |      |     | 12.1   |     |     | 11.6   |     |     | 11.6   |     | 38  |                                     |
| 40                                                                                                                       | 12.6  | 10.6 |     | 12.8  |      |     | 12.5   |      |     | 11.9   |     |     | 11.5   |     |     | 11.5   |     | 40  |                                     |
| 45                                                                                                                       | 11.8  | 10.1 |     | 12.3  | 10.3 |     | 12.1   | 10.2 |     | 11.7   |     |     | 11.3   |     |     | 11.4   |     | 45  |                                     |
| 50                                                                                                                       | 11.1  | 9.7  | 8.7 | 11.9  | 10   |     | 11.8   | 10   |     | 11.4   | 9.8 |     | 11.1   |     |     | 11.2   |     | 50  |                                     |
| 55                                                                                                                       | 10.4  | 9.3  | 8.5 | 11.5  | 9.7  |     | 11.5   | 9.7  |     | 11.1   | 9.6 |     | 10.8   | 9.6 |     | 11     | 9.6 | 55  |                                     |
| 60                                                                                                                       | 9.9   | 9    | 8.3 | 11.2  | 9.5  | 8.4 | 11.1   | 9.5  |     | 10.8   | 9.4 |     | 10.6   | 9.4 |     | 10.7   | 9.5 | 60  |                                     |
| 65                                                                                                                       | 9.3   | 8.8  | 8.1 | 10.8  | 9.2  | 8.3 | 10.8   | 9.3  | 8.2 | 10.5   | 9.2 | 8.2 | 10.4   | 9.2 |     | 10.5   | 9.3 | 65  |                                     |
| 70                                                                                                                       | 8.7   | 8.5  | 8   | 10.4  | 9    | 8.2 | 10.5   | 9.1  | 8.1 | 10.3   | 9   | 8.1 | 10.2   | 9   | 8.1 | 10.3   | 9.1 | 70  |                                     |
| 75                                                                                                                       | 8     | 8.3  | 7.9 | 10.1  | 8.9  | 8.1 | 10.2   | 8.9  | 8.1 | 10     | 8.9 | 8   | 9.9    | 8.9 | 8   | 10     | 8.9 | 8   | 75                                  |
| 80                                                                                                                       | 7.5   | 8.1  | 7.9 | 9.8   | 8.7  | 8   | 9.9    | 8.7  | 8   | 9.8    | 8.7 | 8   | 9.7    | 8.7 | 7.9 | 9.8    | 8.8 | 7.9 | 80                                  |
| 85                                                                                                                       | 7     | 8    | 7.9 | 9.5   | 8.5  | 7.9 | 9.6    | 8.6  | 7.9 | 9.6    | 8.6 | 7.9 | 9.6    | 8.6 | 7.9 | 9.7    | 8.7 | 7.9 | 85                                  |
| 90                                                                                                                       | 6.5   | 7.9  | 7.9 | 9.3   | 8.4  | 7.8 | 9.4    | 8.4  | 7.8 | 9.4    | 8.4 | 7.8 | 9.4    | 8.4 | 7.8 | 9.5    | 8.6 | 7.8 | 90                                  |
| 95                                                                                                                       | 6.1   | 7.9  |     | 9     | 8.3  | 7.8 | 9.2    | 8.3  | 7.8 | 9.2    | 8.3 | 7.8 | 9.2    | 8.3 | 7.8 | 9.3    | 8.4 | 7.8 | 95                                  |
| 100                                                                                                                      |       |      |     | 8.6   | 8.1  | 7.7 | 9      | 8.2  | 7.8 | 9      | 8.2 | 7.7 | 9      | 8.2 | 7.7 | 9.2    | 8.3 | 7.7 | 100                                 |
| 105                                                                                                                      |       |      |     | 8.3   | 8.1  | 7.7 | 8.7    | 8.1  | 7.7 | 8.8    | 8.1 | 7.7 | 8.9    | 8.1 | 7.7 | 9      | 8.2 | 7.7 | 105                                 |
| 110                                                                                                                      |       |      |     | 7.9   | 8    | 7.7 | 8.4    | 8    | 7.7 | 8.6    | 8   | 7.7 | 8.7    | 8.1 | 7.7 | 8.9    | 8.1 | 7.7 | 110                                 |
| 115                                                                                                                      |       |      |     | 7.6   | 7.9  | 7.7 | 8.1    | 8    | 7.7 | 8.4    | 7.9 | 7.7 | 8.5    | 8   | 7.7 | 8.7    | 8   | 7.6 | 115                                 |
| 120                                                                                                                      |       |      |     | 7.3   | 7.8  | 7.7 | 7.8    | 7.9  | 7.7 | 8.1    | 7.9 | 7.7 | 8.4    | 7.9 | 7.7 | 8.6    | 8   | 7.6 | 120                                 |
| 125                                                                                                                      |       |      |     | 7     | 7.7  | 7.7 | 7.5    | 7.8  | 7.7 | 7.9    | 7.9 | 7.7 | 8.2    | 7.9 | 7.7 | 8.4    | 7.9 | 7.6 | 125                                 |
| 130                                                                                                                      |       |      |     | 6.8   | 7.6  | 7.7 | 7.3    | 7.8  | 7.7 | 7.6    | 7.8 | 7.7 | 7.9    | 7.8 | 7.7 | 8.3    | 7.8 | 7.6 | 130                                 |
| 135                                                                                                                      |       |      |     | 6.6   | 7.4  | 7.5 | 7      | 7.7  | 7.7 | 7.4    | 7.6 | 7.7 | 7.7    | 7.8 | 7.7 | 8.1    | 7.8 | 7.6 | 135                                 |
| 140                                                                                                                      |       |      |     | 6.4   | 7.1  |     | 6.8    | 7.6  | 7.7 | 7.1    | 7.4 | 7.7 | 7.4    | 7.7 | 7.7 | 7.9    | 7.7 | 7.6 | 140                                 |
| 145                                                                                                                      |       |      |     | 6.2   | 6.8  |     | 6.6    | 7.4  | 7.6 | 6.9    | 7.2 | 7.4 | 7.2    | 7.5 | 7.6 | 7.7    | 7.7 | 7.6 | 145                                 |
| 150                                                                                                                      |       |      |     | 6.1   | 6.6  |     | 6.4    | 7.2  |     | 6.7    | 7   | 7.2 | 7      | 7.3 | 7.5 | 7.5    | 7.7 | 7.6 | 150                                 |
| 155                                                                                                                      |       |      |     |       |      |     | 6.2    | 7    |     | 6.5    | 6.7 | 6.9 | 6.9    | 7.1 | 7.3 | 7.3    | 7.6 | 7.6 | 155                                 |
| 160                                                                                                                      |       |      |     |       |      |     | 6.1    | 6.8  |     | 6.3    | 6.5 | 6.6 | 6.7    | 6.9 | 7.1 | 7.1    | 7.4 | 7.6 | 160                                 |
| 165                                                                                                                      |       |      |     |       |      |     | 6      |      |     | 6.1    | 6.3 |     | 6.5    | 6.7 | 6.8 | 6.9    | 7.3 | 7.5 | 165                                 |
| 170                                                                                                                      |       |      |     |       |      |     |        |      |     | 5.9    | 6   |     | 6.3    | 6.5 | 6.6 | 6.7    | 7.1 | 7.3 | 170                                 |
| 175                                                                                                                      |       |      |     |       |      |     |        |      |     | 5.7    | 5.8 |     | 6.2    | 6.3 |     | 6.4    | 6.9 | 7   | 175                                 |
| 180                                                                                                                      |       |      |     |       |      |     |        |      |     | 5.6    |     |     | 6      | 6.1 |     | 5.9    | 6.5 | 6.7 | 180                                 |
| 185                                                                                                                      |       |      |     |       |      |     |        |      |     |        |     |     | 5.9    | 5.9 |     | 5.4    | 5.9 |     | 185                                 |
| 190                                                                                                                      |       |      |     |       |      |     |        |      |     |        |     |     | 5.7    | 5.8 |     | 5.1    | 5.4 |     | 190                                 |
| 195                                                                                                                      |       |      |     |       |      |     |        |      |     |        |     |     | 4.8    |     |     | 4.9    | 5   |     | 195                                 |
| 200                                                                                                                      |       |      |     |       |      |     |        |      |     |        |     |     |        |     |     | 4.7    | 4.8 |     | 200                                 |
| 205                                                                                                                      |       |      |     |       |      |     |        |      |     |        |     |     |        |     |     | 4.6    | 4.7 |     | 205                                 |
| 210                                                                                                                      |       |      |     |       |      |     |        |      |     |        |     |     |        |     |     | 2.6    |     |     | 210                                 |

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# Lifting capacities Forces de levage

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| <div><div><div><div>42 – 197 ft</div><div>T</div></div><div><div>62 ft</div><div>K</div></div><div><div></div><div></div></div><div><div>360°</div></div><div><div>92600 lbs</div></div><div><div>85%</div></div></div></div> |        |     |     |        |     |     |        |     |     |        |     |     |        |     |     |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                           | 166 ft |     |     | 170 ft |     |     | 180 ft |     |     | 184 ft |     |     | 197 ft |     |     | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                               | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                     |
|                                                                                                                                                                                                                               | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                     |
| 36                                                                                                                                                                                                                            | 10.1   |     |     | 10.9   |     |     |        |     |     |        |     |     |        |     |     | 36                                  |
| 38                                                                                                                                                                                                                            | 10.1   |     |     | 10.8   |     |     |        |     |     |        |     |     |        |     |     | 38                                  |
| 40                                                                                                                                                                                                                            | 10.1   |     |     | 10.8   |     |     | 9.4    |     |     | 9.5    |     |     |        |     |     | 40                                  |
| 45                                                                                                                                                                                                                            | 9.9    |     |     | 10.6   |     |     | 9.3    |     |     | 9.4    |     |     | 8.5    |     |     | 45                                  |
| 50                                                                                                                                                                                                                            | 9.8    |     |     | 10.5   |     |     | 9.3    |     |     | 9.3    |     |     | 8.5    |     |     | 50                                  |
| 55                                                                                                                                                                                                                            | 9.7    |     |     | 10.3   |     |     | 9.2    |     |     | 9.2    |     |     | 8.4    |     |     | 55                                  |
| 60                                                                                                                                                                                                                            | 9.6    | 8.9 |     | 10.2   | 9.2 |     | 9.1    |     |     | 9.2    |     |     | 8.4    |     |     | 60                                  |
| 65                                                                                                                                                                                                                            | 9.5    | 8.8 |     | 10     | 9   |     | 9      | 8.5 |     | 9.1    | 8.5 |     | 8.3    |     |     | 65                                  |
| 70                                                                                                                                                                                                                            | 9.3    | 8.7 |     | 9.8    | 8.9 |     | 8.9    | 8.4 |     | 9      | 8.4 |     | 8.2    | 7.8 |     | 70                                  |
| 75                                                                                                                                                                                                                            | 9.2    | 8.6 |     | 9.6    | 8.8 |     | 8.8    | 8.3 |     | 8.9    | 8.3 |     | 8.2    | 7.8 |     | 75                                  |
| 80                                                                                                                                                                                                                            | 9      | 8.4 | 7.8 | 9.5    | 8.7 | 7.9 | 8.7    | 8.2 |     | 8.8    | 8.2 |     | 8.1    | 7.8 |     | 80                                  |
| 85                                                                                                                                                                                                                            | 8.9    | 8.3 | 7.8 | 9.3    | 8.6 | 7.8 | 8.6    | 8.1 | 7.6 | 8.6    | 8.1 | 7.7 | 8      | 7.7 |     | 85                                  |
| 90                                                                                                                                                                                                                            | 8.8    | 8.2 | 7.7 | 9.2    | 8.4 | 7.8 | 8.5    | 8.1 | 7.6 | 8.6    | 8.1 | 7.6 | 8      | 7.7 | 7.5 | 90                                  |
| 95                                                                                                                                                                                                                            | 8.7    | 8.1 | 7.7 | 9      | 8.3 | 7.7 | 8.4    | 8   | 7.6 | 8.5    | 8   | 7.6 | 7.9    | 7.7 | 7.4 | 95                                  |
| 100                                                                                                                                                                                                                           | 8.6    | 8.1 | 7.6 | 8.9    | 8.2 | 7.7 | 8.3    | 7.9 | 7.6 | 8.4    | 7.9 | 7.6 | 7.9    | 7.6 | 7.4 | 100                                 |
| 105                                                                                                                                                                                                                           | 8.5    | 8   | 7.6 | 8.8    | 8.1 | 7.7 | 8.2    | 7.9 | 7.5 | 8.3    | 7.9 | 7.5 | 7.8    | 7.6 | 7.4 | 105                                 |
| 110                                                                                                                                                                                                                           | 8.4    | 7.9 | 7.6 | 8.7    | 8   | 7.6 | 8.2    | 7.8 | 7.5 | 8.2    | 7.8 | 7.5 | 7.7    | 7.5 | 7.4 | 110                                 |
| 115                                                                                                                                                                                                                           | 8.3    | 7.8 | 7.6 | 8.6    | 8   | 7.6 | 8.1    | 7.8 | 7.5 | 8.1    | 7.8 | 7.5 | 7.7    | 7.5 | 7.4 | 115                                 |
| 120                                                                                                                                                                                                                           | 8.2    | 7.8 | 7.6 | 8.5    | 7.9 | 7.6 | 8      | 7.7 | 7.5 | 8      | 7.7 | 7.5 | 7.6    | 7.4 | 7.4 | 120                                 |
| 125                                                                                                                                                                                                                           | 8      | 7.7 | 7.6 | 8.3    | 7.8 | 7.6 | 7.9    | 7.7 | 7.5 | 8      | 7.7 | 7.5 | 7.5    | 7.4 | 7.4 | 125                                 |
| 130                                                                                                                                                                                                                           | 7.7    | 7.6 | 7.6 | 8.2    | 7.8 | 7.6 | 7.8    | 7.6 | 7.5 | 7.9    | 7.6 | 7.5 | 7.4    | 7.4 | 7.4 | 130                                 |
| 135                                                                                                                                                                                                                           | 7.5    | 7.5 | 7.5 | 8.1    | 7.7 | 7.6 | 7.6    | 7.5 | 7.5 | 7.8    | 7.6 | 7.5 | 7.3    | 7.3 | 7.4 | 135                                 |
| 140                                                                                                                                                                                                                           | 7.2    | 7.4 | 7.5 | 7.9    | 7.7 | 7.6 | 7.4    | 7.4 | 7.5 | 7.6    | 7.5 | 7.5 | 7.2    | 7.3 | 7.4 | 140                                 |
| 145                                                                                                                                                                                                                           | 7      | 7.2 | 7.4 | 7.8    | 7.6 | 7.6 | 7.2    | 7.2 | 7.4 | 7.4    | 7.4 | 7.5 | 7.1    | 7.2 | 7.3 | 145                                 |
| 150                                                                                                                                                                                                                           | 6.7    | 6.9 | 7.2 | 7.6    | 7.6 | 7.6 | 6.9    | 7   | 7.2 | 7.3    | 7.3 | 7.5 | 6.8    | 7   | 7.2 | 150                                 |
| 155                                                                                                                                                                                                                           | 6.4    | 6.7 | 6.9 | 7.4    | 7.6 | 7.6 | 6.6    | 6.8 | 7   | 7.1    | 7.2 | 7.4 | 6.5    | 6.8 | 7   | 155                                 |
| 160                                                                                                                                                                                                                           | 6.1    | 6.4 | 6.6 | 7.1    | 7.6 | 7.6 | 6.4    | 6.6 | 6.8 | 6.8    | 7   | 7.2 | 6.2    | 6.6 | 6.8 | 160                                 |
| 165                                                                                                                                                                                                                           | 5.8    | 6.1 | 6.3 | 6.6    | 7.2 | 7.5 | 6.2    | 6.4 | 6.6 | 6.5    | 6.8 | 7   | 5.9    | 6.3 | 6.6 | 165                                 |
| 170                                                                                                                                                                                                                           | 5.6    | 5.8 | 6   | 6.3    | 6.8 | 7.3 | 5.9    | 6.1 | 6.4 | 6.1    | 6.6 | 6.8 | 5.6    | 6.1 | 6.3 | 170                                 |
| 175                                                                                                                                                                                                                           | 5.3    | 5.5 | 5.7 | 6.1    | 6.2 | 6.7 | 5.7    | 5.9 | 6.1 | 5.6    | 6.2 | 6.6 | 5.2    | 5.8 | 6   | 175                                 |
| 180                                                                                                                                                                                                                           | 5.1    | 5.3 | 5.5 | 5.9    | 6   | 6.2 | 5.4    | 5.6 | 5.8 | 5.1    | 5.8 | 6.2 | 4.8    | 5.4 | 5.7 | 180                                 |
| 185                                                                                                                                                                                                                           | 4.8    | 5   | 5.2 | 5.5    | 5.8 | 6   | 5.2    | 5.4 | 5.6 | 4.6    | 5.4 | 5.8 | 4.3    | 5   | 5.5 | 185                                 |
| 190                                                                                                                                                                                                                           | 4.6    | 4.8 | 4.9 | 5.1    | 5.6 | 5.7 | 5      | 5.2 | 5.4 | 4.1    | 4.9 | 5.3 | 3.9    | 4.6 | 5   | 190                                 |
| 195                                                                                                                                                                                                                           | 4.4    | 4.6 |     | 4.7    | 5.2 | 5.4 | 4.6    | 5   | 5.1 | 3.7    | 4.4 | 4.7 | 3.5    | 4.2 | 4.6 | 195                                 |
| 200                                                                                                                                                                                                                           | 4.2    | 4.3 |     | 4.2    | 4.7 |     | 4.1    | 4.7 | 4.8 | 3.2    | 3.8 | 4.1 | 3      | 3.7 | 4.1 | 200                                 |
| 205                                                                                                                                                                                                                           | 4      | 4.1 |     | 3.8    | 4.2 |     | 3.7    | 4.2 |     | 2.8    | 3.4 | 3.6 | 2.6    | 3.2 | 3.6 | 205                                 |
| 210                                                                                                                                                                                                                           | 3.8    | 3.9 |     | 3.4    | 3.7 |     | 3.3    | 3.8 |     | 2.4    | 2.9 |     | 2.2    | 2.8 | 3.1 | 210                                 |
| 215                                                                                                                                                                                                                           | 3.7    | 3.7 |     | 3.1    | 3.3 |     | 2.9    | 3.3 |     | 2      | 2.5 |     | 1.8    | 2.4 | 2.5 | 215                                 |
| 220                                                                                                                                                                                                                           | 1.8    |     |     | 2.7    | 2.9 |     | 2.6    | 2.9 |     |        | 2.1 |     |        | 1.9 |     | 220                                 |
| 225                                                                                                                                                                                                                           |        |     |     |        |     |     | 2.3    | 2.5 |     |        |     |     |        |     |     | 225                                 |
| 230                                                                                                                                                                                                                           |        |     |     |        |     |     | 2      | 2.1 |     |        |     |     |        |     |     | 230                                 |

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# Lifting capacities Forces de levage

TK

| <div><div><div><div>42 – 197 ft</div><div>T</div></div><div><div>35 ft</div><div>K</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>14600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div></div> |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                            | 42 ft |      |      | 99 ft |      |      | 113 ft |      |      | 127 ft |      |      | 141 ft |      |      | 156 ft |      |      | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                                | 35 ft |      |      | 35 ft |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      |                                     |
|                                                                                                                                                                                                                                                                | 0°    | 20°  | 40°  | 0°    | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                     |
| 14                                                                                                                                                                                                                                                             | 38.1  |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      | 14   |                                     |
| 15                                                                                                                                                                                                                                                             | 37.5  |      |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      | 15   |                                     |
| 16                                                                                                                                                                                                                                                             | 36.8  | 34.2 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      | 16   |                                     |
| 17                                                                                                                                                                                                                                                             | 36.1  | 34.1 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      | 17   |                                     |
| 18                                                                                                                                                                                                                                                             | 35.5  | 33.9 |      | 38.7  |      |      | 38.6   |      |      |        |      |      |        |      |      |        |      | 18   |                                     |
| 19                                                                                                                                                                                                                                                             | 34.8  | 33.1 |      | 38.7  |      |      | 38.5   |      |      |        |      |      |        |      |      |        |      | 19   |                                     |
| 20                                                                                                                                                                                                                                                             | 34.2  | 32.4 |      | 38.7  |      |      | 38.4   |      |      |        |      |      |        |      |      |        |      | 20   |                                     |
| 22                                                                                                                                                                                                                                                             | 32.9  | 31.3 |      | 38.7  |      |      | 38.2   |      |      | 33.8   |      |      |        |      |      |        |      | 22   |                                     |
| 24                                                                                                                                                                                                                                                             | 31.7  | 30.2 |      | 38.7  |      |      | 37.9   |      |      | 33.7   |      |      |        |      |      |        |      | 24   |                                     |
| 26                                                                                                                                                                                                                                                             | 30.3  | 29.1 | 23.5 | 38.7  |      |      | 37.5   |      |      | 33.6   |      |      | 28.9   |      |      |        |      | 26   |                                     |
| 28                                                                                                                                                                                                                                                             | 29    | 28   | 23.1 | 38.6  | 30.4 |      | 37     |      |      | 33.4   |      |      | 28.8   |      |      | 19.5   |      | 28   |                                     |
| 30                                                                                                                                                                                                                                                             | 27.7  | 27   | 22.5 | 38    | 29.6 |      | 36.4   | 29.4 |      | 33     |      |      | 28.8   |      |      | 24.1   |      | 30   |                                     |
| 32                                                                                                                                                                                                                                                             | 26.3  | 26   | 21.9 | 37.2  | 28.9 |      | 35.8   | 28.8 |      | 32.6   |      |      | 28.6   |      |      | 24     |      | 32   |                                     |
| 34                                                                                                                                                                                                                                                             | 24.9  | 25.1 | 21.3 | 36.4  | 28.2 |      | 35.1   | 28.2 |      | 32.1   | 27.3 |      | 28.3   |      |      | 23.9   |      | 34   |                                     |
| 36                                                                                                                                                                                                                                                             | 23.6  | 24.3 | 20.8 | 35.7  | 27.6 | 22   | 34.1   | 27.6 |      | 31     | 26.9 |      | 28     |      |      | 23.9   |      | 36   |                                     |
| 38                                                                                                                                                                                                                                                             | 22.2  | 23.4 | 20.3 | 34.6  | 27   | 21.7 | 32.2   | 27   | 21.6 | 29.9   | 26.4 |      | 26.9   | 25   |      | 23.7   |      | 38   |                                     |
| 40                                                                                                                                                                                                                                                             | 21    | 22.3 | 19.8 | 32.8  | 26.4 | 21.3 | 30.1   | 26.5 | 21.3 | 27.7   | 25.9 |      | 26     | 24.7 |      | 23.3   |      | 40   |                                     |
| 45                                                                                                                                                                                                                                                             | 18.6  | 19.4 | 18.2 | 27.5  | 25.1 | 20.6 | 25.2   | 25.3 | 20.7 | 23.3   | 24.8 | 20.4 | 22.5   | 23.3 |      | 21.2   | 22   | 45   |                                     |
| 50                                                                                                                                                                                                                                                             | 16.7  | 17.5 | 16.7 | 23.4  | 23.9 | 19.9 | 21.3   | 23.4 | 20   | 21.6   | 21.9 | 19.9 | 21.1   | 21   | 19.5 | 19.1   | 20.3 | 50   |                                     |
| 55                                                                                                                                                                                                                                                             | 15    | 16.4 | 15.9 | 20    | 21.9 | 19.2 | 18.1   | 20.2 | 19.4 | 19.6   | 18.9 | 19.3 | 18.4   | 18.7 | 19.2 | 17     | 17.7 | 18.3 | 55                                  |
| 60                                                                                                                                                                                                                                                             | 13.6  | 15.5 | 15.4 | 17.2  | 19   | 18.7 | 15.4   | 17.3 | 18.7 | 17     | 17.9 | 17.6 | 15.8   | 17.5 | 17.2 | 14.7   | 16.5 | 16.9 | 60                                  |
| 65                                                                                                                                                                                                                                                             | 12.5  | 14.9 | 6.4  | 14.9  | 16.5 | 17.7 | 13.2   | 14.9 | 16.4 | 14.8   | 16.3 | 15.8 | 13.7   | 15.3 | 15.7 | 12.6   | 14.3 | 15.3 | 65                                  |
| 70                                                                                                                                                                                                                                                             |       |      |      | 13    | 14.3 | 15.5 | 11.3   | 12.8 | 14.1 | 12.9   | 14.3 | 15.2 | 11.9   | 13.3 | 14.8 | 10.8   | 12.4 | 13.7 | 70                                  |
| 75                                                                                                                                                                                                                                                             |       |      |      | 11.2  | 12.5 | 13.5 | 9.6    | 11   | 12.2 | 11.3   | 12.5 | 13.8 | 10.3   | 11.6 | 13   | 9.3    | 10.7 | 11.9 | 75                                  |
| 80                                                                                                                                                                                                                                                             |       |      |      | 9.7   | 10.8 | 11.6 | 8.2    | 9.5  | 10.5 | 9.9    | 11   | 12.2 | 9      | 10.2 | 11.4 | 8      | 9.3  | 10.4 | 80                                  |
| 85                                                                                                                                                                                                                                                             |       |      |      | 8.3   | 9.3  | 10   | 6.9    | 8.1  | 9    | 8.6    | 9.6  | 10.7 | 7.7    | 8.8  | 10   | 6.8    | 8    | 9    | 85                                  |
| 90                                                                                                                                                                                                                                                             |       |      |      | 7.1   | 7.9  | 8.5  | 5.8    | 6.9  | 7.7  | 7.5    | 8.4  | 9.4  | 6.7    | 7.7  | 8.7  | 5.7    | 6.8  | 7.8  | 90                                  |
| 95                                                                                                                                                                                                                                                             |       |      |      | 6     | 6.8  | 7.2  | 4.9    | 5.8  | 6.5  | 6.5    | 7.4  | 8.3  | 5.7    | 6.6  | 7.6  | 4.8    | 5.8  | 6.6  | 95                                  |
| 100                                                                                                                                                                                                                                                            |       |      |      | 5     | 5.7  | 6.1  | 4      | 4.8  | 5.4  | 5.6    | 6.4  | 7.2  | 4.8    | 5.7  | 6.6  | 3.9    | 4.9  | 5.6  | 100                                 |
| 105                                                                                                                                                                                                                                                            |       |      |      | 4.2   | 4.8  | 5    | 3.1    | 3.9  | 4.4  | 4.8    | 5.5  | 6.2  | 4.1    | 4.8  | 5.7  | 3.2    | 4.1  | 4.7  | 105                                 |
| 110                                                                                                                                                                                                                                                            |       |      |      | 3.4   | 3.9  | 4.1  | 2.2    | 3    | 3.4  | 4      | 4.7  | 5.3  | 3.4    | 4.1  | 4.8  | 2.3    | 3.3  | 3.9  | 110                                 |
| 115                                                                                                                                                                                                                                                            |       |      |      | 2.8   | 3.1  |      |        | 2.1  | 2.5  | 3.4    | 4    | 4.5  | 2.7    | 3.4  | 4.1  |        | 2.5  | 3.1  | 115                                 |
| 120                                                                                                                                                                                                                                                            |       |      |      | 2.2   | 2.4  |      |        |      |      | 2.7    | 3.3  | 3.7  | 1.9    | 2.7  | 3.3  |        |      | 2.4  | 120                                 |
| 125                                                                                                                                                                                                                                                            |       |      |      |       |      |      |        |      |      | 2      | 2.6  | 3    |        | 2    | 2.6  |        |      |      | 125                                 |
| 130                                                                                                                                                                                                                                                            |       |      |      |       |      |      |        |      |      | 1.9    | 2.3  |      |        | 1.9  |      |        |      |      | 130                                 |

+ 205 01119 00 000 / 01149 00 000 / 01179 00 000

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| <div><div><div><div>42 – 197 ft</div><div>T</div></div><div><div>35 ft</div><div>K</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>14600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div></div> |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                            | 166 ft |      |      | 170 ft |      |      | 180 ft |      |      | 184 ft |      |      | 197 ft |      |      | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                                | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      |                                     |
|                                                                                                                                                                                                                                                                | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                     |
| 32                                                                                                                                                                                                                                                             | 16.8   |      |      | 18.5   |      |      |        |      |      |        |      |      |        |      |      | 32                                  |
| 34                                                                                                                                                                                                                                                             | 16.8   |      |      | 18.5   |      |      | 14.8   |      |      |        |      |      |        |      |      | 34                                  |
| 36                                                                                                                                                                                                                                                             | 16.8   |      |      | 18.5   |      |      | 14.8   |      |      | 15     |      |      |        |      |      | 36                                  |
| 38                                                                                                                                                                                                                                                             | 16.8   |      |      | 18.4   |      |      | 14.8   |      |      | 15     |      |      |        |      |      | 38                                  |
| 40                                                                                                                                                                                                                                                             | 16.8   |      |      | 18.4   |      |      | 14.8   |      |      | 15     |      |      | 12.6   |      |      | 40                                  |
| 45                                                                                                                                                                                                                                                             | 16.8   |      |      | 18.4   |      |      | 14.8   |      |      | 15     |      |      | 12.6   |      |      | 45                                  |
| 50                                                                                                                                                                                                                                                             | 16.7   | 16.3 |      | 17.1   | 18.3 |      | 14.8   | 14.6 |      | 15     | 14.8 |      | 12.6   |      |      | 50                                  |
| 55                                                                                                                                                                                                                                                             | 16.4   | 15.9 |      | 15.6   | 16.8 |      | 14.7   | 14.6 |      | 13.9   | 14.8 |      | 12.4   | 12.4 |      | 55                                  |
| 60                                                                                                                                                                                                                                                             | 14.2   | 15.3 | 14.8 | 13.3   | 15.2 | 15.6 | 12.9   | 14.3 | 13.9 | 11.7   | 13.7 |      | 11.1   | 12.2 |      | 60                                  |
| 65                                                                                                                                                                                                                                                             | 12.3   | 13.9 | 14.2 | 11.3   | 13.1 | 14.6 | 11     | 12.8 | 13.8 | 9.8    | 11.7 | 13.3 | 9.3    | 11   | 11.8 | 65                                  |
| 70                                                                                                                                                                                                                                                             | 10.5   | 12   | 13.4 | 9.6    | 11.2 | 12.6 | 9.4    | 11   | 12.4 | 8.2    | 9.9  | 11.4 | 7.7    | 9.4  | 10.8 | 70                                  |
| 75                                                                                                                                                                                                                                                             | 9      | 10.5 | 11.6 | 8.2    | 9.7  | 10.9 | 7.9    | 9.4  | 10.7 | 6.7    | 8.3  | 9.7  | 6.4    | 7.9  | 9.2  | 75                                  |
| 80                                                                                                                                                                                                                                                             | 7.7    | 9    | 10.1 | 6.9    | 8.2  | 9.4  | 6.7    | 8.1  | 9.2  | 5.5    | 7    | 8.2  | 5.1    | 6.6  | 7.8  | 80                                  |
| 85                                                                                                                                                                                                                                                             | 6.5    | 7.7  | 8.7  | 5.7    | 7    | 8.1  | 5.5    | 6.8  | 7.9  | 4.4    | 5.7  | 6.9  | 4      | 5.4  | 6.6  | 85                                  |
| 90                                                                                                                                                                                                                                                             | 5.5    | 6.6  | 7.5  | 4.7    | 5.9  | 6.9  | 4.5    | 5.7  | 6.7  | 3.3    | 4.7  | 5.7  | 2.9    | 4.3  | 5.4  | 90                                  |
| 95                                                                                                                                                                                                                                                             | 4.6    | 5.6  | 6.5  | 3.8    | 4.9  | 5.8  | 3.6    | 4.7  | 5.6  | 2.1    | 3.7  | 4.6  |        | 3.4  | 4.4  | 95                                  |
| 100                                                                                                                                                                                                                                                            | 3.7    | 4.7  | 5.5  | 2.8    | 4    | 4.8  | 2.7    | 3.8  | 4.7  |        | 2.7  | 3.7  |        | 2.3  | 3.4  | 100                                 |
| 105                                                                                                                                                                                                                                                            | 3      | 3.9  | 4.6  | 1.9    | 3.1  | 3.9  |        | 3    | 3.8  |        |      | 2.8  |        |      | 2.5  | 105                                 |
| 110                                                                                                                                                                                                                                                            | 2      | 3.1  | 3.7  |        | 2.2  | 3.1  |        | 2.1  | 3    |        |      |      |        |      |      | 110                                 |
| 115                                                                                                                                                                                                                                                            |        | 2.3  | 3    |        |      | 2.2  |        |      | 2.1  |        |      |      |        |      |      | 115                                 |
| 120                                                                                                                                                                                                                                                            |        |      | 2.2  |        |      |      |        |      |      |        |      |      |        |      |      | 120                                 |

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# Lifting capacities Forces de levage

TK

| <div><div>42 – 197 ft</div><div>62 ft</div><div></div><div>360°</div><div>14600 lbs</div><div><div>85%</div></div></div> |       |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     |                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-----|-------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|----------------------------------------------------------------------------------------|
|  ft                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 42 ft |      |     | 99 ft |     |     | 113 ft |     |     | 127 ft |     |     | 141 ft |     |     | 156 ft |     |     |  ft |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 62 ft |      |     | 62 ft |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0°    | 20°  | 40° | 0°    | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                                                                        |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15.2  |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 17                                                                                     |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15.1  |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 18                                                                                     |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14.9  |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 19                                                                                     |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14.8  |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 20                                                                                     |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14.5  |      |     | 12.9  |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 22                                                                                     |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14.2  |      |     | 12.8  |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 24                                                                                     |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 13.9  |      |     | 12.7  |     |     | 12.3   |     |     |        |     |     |        |     |     |        |     |     | 26                                                                                     |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 13.6  |      |     | 12.6  |     |     | 12.2   |     |     | 11.5   |     |     |        |     |     |        |     |     | 28                                                                                     |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 13.2  | 10.6 |     | 12.5  |     |     | 12.1   |     |     | 11.4   |     |     |        |     |     |        |     |     | 30                                                                                     |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12.8  | 10.6 |     | 12.4  |     |     | 12     |     |     | 11.3   |     |     | 10.9   |     |     |        |     |     | 32                                                                                     |
| 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12.5  | 10.4 |     | 12.2  |     |     | 11.9   |     |     | 11.2   |     |     | 10.8   |     |     | 10.8   |     |     | 34                                                                                     |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12.1  | 10.1 |     | 12.1  |     |     | 11.8   |     |     | 11.1   |     |     | 10.7   |     |     | 10.7   |     |     | 36                                                                                     |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11.8  | 9.9  |     | 11.9  |     |     | 11.6   |     |     | 11     |     |     | 10.6   |     |     | 10.6   |     |     | 38                                                                                     |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11.5  | 9.7  |     | 11.8  |     |     | 11.5   |     |     | 11     |     |     | 10.6   |     |     | 10.5   |     |     | 40                                                                                     |
| 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10.7  | 9.2  |     | 11.6  |     |     | 11.4   |     |     | 10.9   |     |     | 10.5   |     |     | 10.5   |     |     | 45                                                                                     |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10.1  | 8.8  | 7.9 | 11.2  | 9.4 |     | 11     | 9.3 |     | 10.6   |     |     | 10.3   |     |     | 10.3   |     |     | 50                                                                                     |
| 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 9.4   | 8.5  | 7.7 | 10.9  | 9.1 |     | 10.7   | 9.1 |     | 10.4   | 8.9 |     | 10.1   | 8.7 |     | 10.2   | 9.9 | 8.8 | 55                                                                                     |
| 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 9     | 8.2  | 7.5 | 10.5  | 8.8 |     | 10.4   | 8.8 |     | 10.1   | 8.7 |     | 9.9    | 8.7 |     | 9.9    | 8.8 |     | 60                                                                                     |
| 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8.5   | 8    | 7.4 | 10.1  | 8.6 | 7.6 | 10.1   | 8.6 |     | 9.8    | 8.5 |     | 9.6    | 8.5 |     | 9.7    | 8.6 |     | 65                                                                                     |
| 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7.9   | 7.7  | 7.3 | 9.8   | 8.4 | 7.5 | 9.8    | 8.4 | 7.5 | 9.6    | 8.4 | 7.4 | 9.4    | 8.3 |     | 9.5    | 8.4 |     | 70                                                                                     |
| 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7.3   | 7.5  | 7.2 | 9.5   | 8.2 | 7.4 | 9.5    | 8.3 | 7.4 | 9.3    | 8.2 | 7.4 | 9.2    | 8.2 | 7.3 | 9.1    | 8.3 |     | 75                                                                                     |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6.8   | 7.4  | 7.1 | 9.1   | 8   | 7.3 | 9.3    | 8.1 | 7.3 | 9.1    | 8.1 | 7.3 | 9      | 8   | 7.3 | 8.7    | 8.1 | 7.3 | 80                                                                                     |
| 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6.3   | 7.3  | 7.1 | 8.9   | 7.9 | 7.2 | 9      | 7.9 | 7.2 | 8.9    | 7.9 | 7.2 | 8.9    | 7.9 | 7.2 | 8.2    | 8   | 7.2 | 85                                                                                     |
| 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5.9   | 7.2  | 7.1 | 8.7   | 7.8 | 7.2 | 8.8    | 7.8 | 7.2 | 8.7    | 7.8 | 7.2 | 8.3    | 7.8 | 7.2 | 7.3    | 7.9 | 7.2 | 90                                                                                     |
| 95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5.6   | 7.2  |     | 8.4   | 7.6 | 7.1 | 8.6    | 7.7 | 7.1 | 8.2    | 7.7 | 7.1 | 7.4    | 7.7 | 7.1 | 6.2    | 7.6 | 7.1 | 95                                                                                     |
| 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 8.1   | 7.5 | 7.1 | 8.2    | 7.6 | 7.1 | 7.3    | 7.6 | 7.1 | 6.4    | 7.5 | 7.1 | 5.3    | 7.1 | 7.1 | 100                                                                                    |
| 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 7.7   | 7.4 | 7   | 7.4    | 7.5 | 7   | 6.4    | 7.4 | 7   | 5.6    | 7.2 | 7   | 4.5    | 6.2 | 7   | 105                                                                                    |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 6.9   | 7.3 | 7   | 6.5    | 7.4 | 7   | 5.6    | 7   | 7   | 4.8    | 6.3 | 7   | 3.7    | 5.3 | 6.7 | 110                                                                                    |
| 115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 6.1   | 7.1 | 7   | 5.7    | 6.8 | 7   | 4.9    | 6.2 | 6.9 | 4.1    | 5.5 | 6.6 | 3      | 4.6 | 5.9 | 115                                                                                    |
| 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 5.3   | 6.3 | 6.9 | 5      | 6   | 6.8 | 4.3    | 5.4 | 6.4 | 3.5    | 4.8 | 5.8 | 2.3    | 3.8 | 5   | 120                                                                                    |
| 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 4.7   | 5.5 | 6   | 4.4    | 5.3 | 6   | 3.7    | 4.8 | 5.6 | 2.9    | 4.1 | 5.1 |        | 3.2 | 4.3 | 125                                                                                    |
| 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 4.1   | 4.8 | 5.3 | 3.8    | 4.6 | 5.2 | 3.1    | 4.1 | 4.9 | 2.3    | 3.5 | 4.4 |        | 2.5 | 3.6 | 130                                                                                    |
| 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 3.6   | 4.2 | 4.5 | 3.3    | 4   | 4.5 | 2.6    | 3.5 | 4.2 |        | 2.9 | 3.7 |        | 1.8 | 2.9 | 135                                                                                    |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 3.1   | 3.6 | 3.8 | 2.8    | 3.5 | 3.9 | 1.9    | 3   | 3.5 |        | 2.3 | 3.1 |        |     | 2.3 | 140                                                                                    |
| 145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 2.6   | 3.1 |     | 2.3    | 2.9 | 3.3 |        | 2.4 | 2.9 |        |     | 2.5 |        |     |     | 145                                                                                    |
| 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |      |     | 2.2   | 2.5 |     | 1.8    | 2.4 | 2.7 |        | 1.8 | 2.4 |        |     | 1.9 |        |     |     | 150                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |      |     | 1.9   | 2   |     |        | 1.9 |     |        |     |     |        |     |     |        |     |     |                                                                                        |

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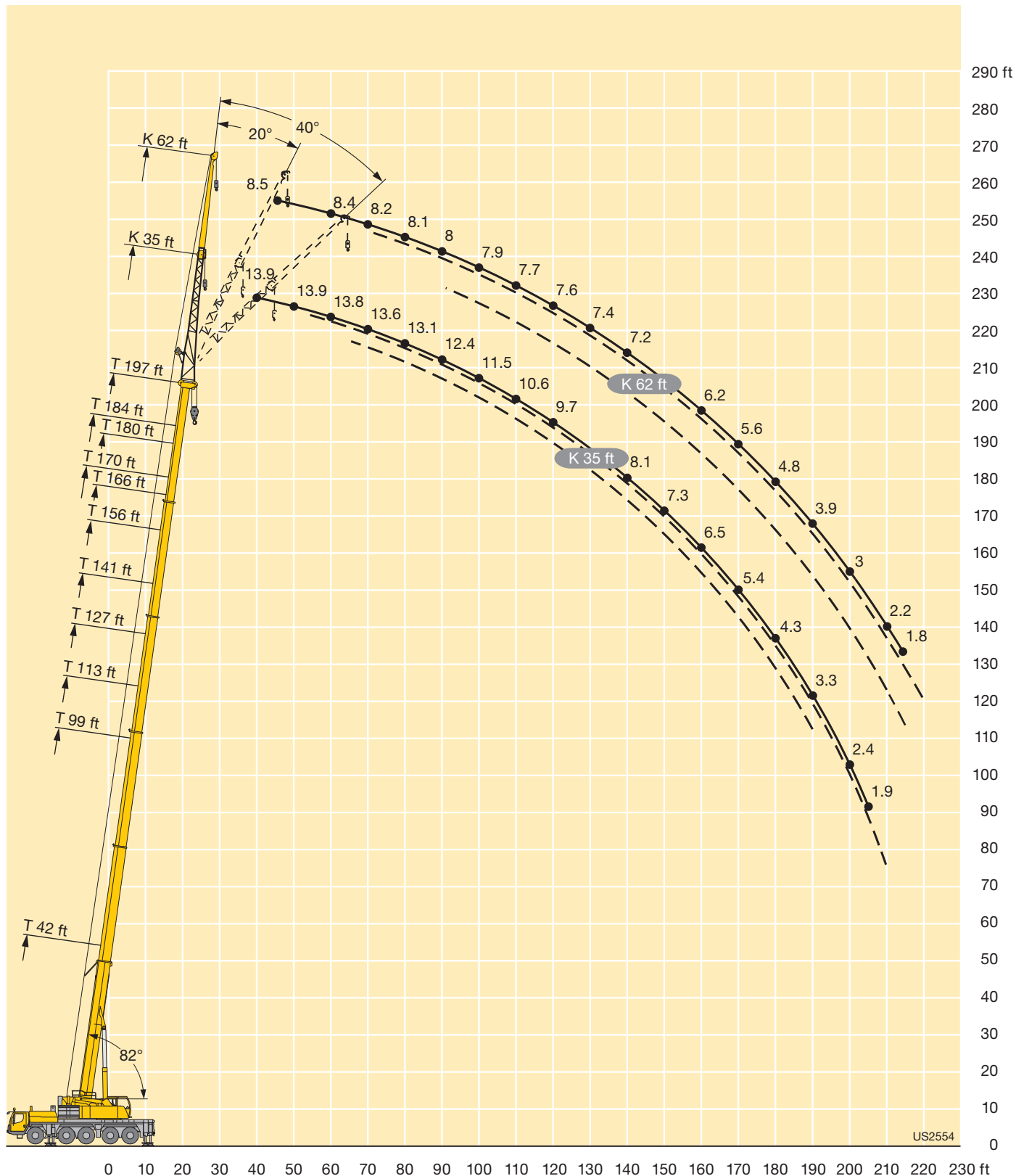
| <div><div>42 – 197 ft</div><div>62 ft</div><div></div><div>360°</div><div>14600 lbs</div><div><div>85%</div></div></div> |        |     |     |        |     |     |        |     |     |        |     |     |        |     |     |                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|------------------------------------------------------------------------------------------|
|  ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 166 ft |     |     | 170 ft |     |     | 180 ft |     |     | 184 ft |     |     | 197 ft |     |     |  ft |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                                                                          |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9.2    |     |     | 9.9    |     |     |        |     |     |        |     |     |        |     |     | 36                                                                                       |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9.2    |     |     | 9.9    |     |     |        |     |     |        |     |     |        |     |     | 38                                                                                       |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9.1    |     |     | 9.8    |     |     | 8.6    |     |     | 8.7    |     |     |        |     |     | 40                                                                                       |
| 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9      |     |     | 9.6    |     |     | 8.5    |     |     | 8.6    |     |     | 7.8    |     |     | 45                                                                                       |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.9    |     |     | 9.5    |     |     | 8.4    |     |     | 8.5    |     |     | 7.7    |     |     | 50                                                                                       |
| 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.8    |     |     | 9.4    |     |     | 8.4    |     |     | 8.4    |     |     | 7.6    |     |     | 55                                                                                       |
| 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.7    | 8.1 |     | 9.2    | 8.4 |     | 8.3    |     |     | 8.3    |     |     | 7.6    |     |     | 60                                                                                       |
| 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.6    | 8   |     | 9.1    | 8.2 |     | 8.2    | 7.7 |     | 8.3    | 7.8 |     | 7.5    |     |     | 65                                                                                       |
| 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.5    | 7.9 |     | 8.6    | 8.1 |     | 8.1    | 7.6 |     | 8      | 7.7 |     | 7.3    | 7.1 |     | 70                                                                                       |
| 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.3    | 7.8 |     | 8.1    | 8   |     | 8      | 7.5 |     | 7.1    | 7.6 |     | 6.5    | 7.1 |     | 75                                                                                       |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7.9    | 7.7 | 7.1 | 7.3    | 7.9 | 7.1 | 7      | 7.5 |     | 5.9    | 7.5 |     | 5.4    | 7.1 |     | 80                                                                                       |
| 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6.9    | 7.6 | 7.1 | 6.2    | 7.6 | 7.1 | 5.9    | 7.4 | 6.9 | 4.8    | 7.1 | 7   | 4.4    | 6.6 |     | 85                                                                                       |
| 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.9    | 7.4 | 7   | 5.2    | 7.3 | 7   | 4.9    | 7   | 6.9 | 3.9    | 6.2 | 6.9 | 3.4    | 5.7 | 6.8 | 90                                                                                       |
| 95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5      | 6.8 | 7   | 4.3    | 6.3 | 7   | 4.1    | 6   | 6.9 | 2.9    | 5.1 | 6.7 | 2.4    | 4.8 | 6.5 | 95                                                                                       |
| 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4.2    | 6   | 6.9 | 3.4    | 5.3 | 6.9 | 3.2    | 5.1 | 6.7 | 1.8    | 4.2 | 6   |        | 3.9 | 5.6 | 100                                                                                      |
| 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.4    | 5.1 | 6.4 | 2.6    | 4.5 | 6   | 2.3    | 4.3 | 5.8 |        | 3.4 | 5   |        | 3.1 | 4.7 | 105                                                                                      |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.7    | 4.3 | 5.6 |        | 3.7 | 5.1 |        | 3.5 | 4.9 |        | 2.6 | 4.1 |        | 2.2 | 3.9 | 110                                                                                      |
| 115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.9    | 3.6 | 4.8 |        | 3   | 4.3 |        | 2.8 | 4.1 |        |     | 3.3 |        |     | 3.1 | 115                                                                                      |
| 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | 2.9 | 4.1 |        | 2.2 | 3.5 |        | 2   | 3.4 |        |     | 2.5 |        |     | 2.3 | 120                                                                                      |
| 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | 2.3 | 3.4 |        |     | 2.8 |        |     | 2.7 |        |     |     |        |     |     | 125                                                                                      |
| 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |     | 2.7 |        |     | 2.1 |        |     | 2   |        |     |     |        |     |     | 130                                                                                      |
| 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |     | 2.1 |        |     |     |        |     |     |        |     |     |        |     |     | 135                                                                                      |

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# Lifting heights Hauteurs de levage

**TK**



# Lifting capacities Forces de levage

TVK

|                                                                                   |    |  42 – 197 ft |      |      |  23 ft |      |      |  35 ft |      |      |  |      |      |  360° |      |      |  92600 lbs |      |      |  85% |     |     |                                                                                     |    |
|-----------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------|------|------|----------------------------------------------------------------------------------------|------|------|---------------------------------------------------------------------------------------------|------|------|---------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------|----|
|  | ft | 42 ft + 23 ft                                                                                 |      |      | 156 ft + 23 ft                                                                          |      |      | 166 ft + 23 ft                                                                          |      |      | 170 ft + 23 ft                                                                    |      |      | 180 ft + 23 ft                                                                         |      |      | 184 ft + 23 ft                                                                              |      |      | 197 ft + 23 ft                                                                        |     |     |  | ft |
|                                                                                   |    | 35 ft                                                                                         |      |      | 35 ft                                                                                   |      |      | 35 ft                                                                                   |      |      | 35 ft                                                                             |      |      | 35 ft                                                                                  |      |      | 35 ft                                                                                       |      |      | 35 ft                                                                                 |     |     |                                                                                     |    |
|                                                                                   |    | 0°                                                                                            | 20°  | 40°  | 0°                                                                                      | 20°  | 40°  | 0°                                                                                      | 20°  | 40°  | 0°                                                                                | 20°  | 40°  | 0°                                                                                     | 20°  | 40°  | 0°                                                                                          | 20°  | 40°  | 0°                                                                                    | 20° | 40° |                                                                                     |    |
| 14                                                                                |    | 14.6                                                                                          |      |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 14                                                                                  |    |
| 15                                                                                |    | 14.6                                                                                          |      |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 15                                                                                  |    |
| 16                                                                                |    | 14.5                                                                                          |      |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 16                                                                                  |    |
| 17                                                                                |    | 14.5                                                                                          |      |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 17                                                                                  |    |
| 18                                                                                |    | 14.5                                                                                          |      |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 18                                                                                  |    |
| 19                                                                                |    | 14.5                                                                                          |      |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 19                                                                                  |    |
| 20                                                                                |    | 14.4                                                                                          | 14.6 |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 20                                                                                  |    |
| 22                                                                                |    | 14.3                                                                                          | 14.5 |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 22                                                                                  |    |
| 24                                                                                |    | 14.1                                                                                          | 14.4 |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 24                                                                                  |    |
| 26                                                                                |    | 13.8                                                                                          | 14   |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 26                                                                                  |    |
| 28                                                                                |    | 13.4                                                                                          | 13.5 |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 28                                                                                  |    |
| 30                                                                                |    | 13                                                                                            | 13.1 | 12.6 |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 30                                                                                  |    |
| 32                                                                                |    | 12.6                                                                                          | 12.6 | 12.6 |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 32                                                                                  |    |
| 34                                                                                |    | 12.2                                                                                          | 12.2 | 12.4 | 14.6                                                                                    |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 34                                                                                  |    |
| 36                                                                                |    | 11.8                                                                                          | 11.8 | 12   | 14.6                                                                                    |      |      |                                                                                         |      |      |                                                                                   |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 36                                                                                  |    |
| 38                                                                                |    | 11.4                                                                                          | 11.4 | 11.5 | 14.6                                                                                    |      |      | 12.6                                                                                    |      |      | 12.9                                                                              |      |      |                                                                                        |      |      |                                                                                             |      |      |                                                                                       |     |     | 38                                                                                  |    |
| 40                                                                                |    | 11                                                                                            | 11   | 11.2 | 14.6                                                                                    |      |      | 12.6                                                                                    |      |      | 12.9                                                                              |      |      | 11                                                                                     |      |      |                                                                                             |      |      |                                                                                       |     |     | 40                                                                                  |    |
| 45                                                                                |    | 10.1                                                                                          | 10.2 | 10.3 | 14.5                                                                                    |      |      | 12.6                                                                                    |      |      | 12.9                                                                              |      |      | 11                                                                                     |      |      | 11.2                                                                                        |      |      | 9.5                                                                                   |     |     | 45                                                                                  |    |
| 50                                                                                |    | 9.2                                                                                           | 9.6  | 9.7  | 14.4                                                                                    | 14.2 |      | 12.5                                                                                    |      |      | 12.9                                                                              |      |      | 11                                                                                     |      |      | 11.2                                                                                        |      |      | 9.5                                                                                   |     |     | 50                                                                                  |    |
| 55                                                                                |    | 8.3                                                                                           | 8.9  | 9.1  | 14.3                                                                                    | 13.7 |      | 12.5                                                                                    | 12.3 |      | 12.8                                                                              | 12.8 |      | 11                                                                                     | 11   |      | 11.2                                                                                        |      |      | 9.4                                                                                   |     |     | 55                                                                                  |    |
| 60                                                                                |    | 7.6                                                                                           | 8.3  | 8.6  | 14.1                                                                                    | 13.1 | 12.3 | 12.4                                                                                    | 12   |      | 12.7                                                                              | 12.6 |      | 11                                                                                     | 11   |      | 11.2                                                                                        | 11.2 |      | 9.4                                                                                   | 9.5 |     | 60                                                                                  |    |
| 65                                                                                |    | 6.9                                                                                           | 7.5  | 8    | 13.6                                                                                    | 12.6 | 11.9 | 12.2                                                                                    | 11.6 | 11   | 12.6                                                                              | 12.2 | 11.6 | 11                                                                                     | 10.9 | 10.6 | 11.2                                                                                        | 11.2 |      | 9.4                                                                                   | 9.5 |     | 65                                                                                  |    |
| 70                                                                                |    | 6.2                                                                                           | 6.8  | 7.2  | 13.2                                                                                    | 12.2 | 11.4 | 11.9                                                                                    | 11.2 | 10.6 | 12.4                                                                              | 11.7 | 11.2 | 10.9                                                                                   | 10.7 | 10.3 | 11.1                                                                                        | 11.1 | 10.7 | 9.4                                                                                   | 9.5 | 9.3 | 70                                                                                  |    |
| 75                                                                                |    | 5.7                                                                                           | 6.1  | 6.4  | 12.7                                                                                    | 11.7 | 11.1 | 11.6                                                                                    | 10.8 | 10.3 | 12.1                                                                              | 11.4 | 10.8 | 10.8                                                                                   | 10.4 | 10   | 11                                                                                          | 10.8 | 10.4 | 9.4                                                                                   | 9.5 | 9.3 | 75                                                                                  |    |
| 80                                                                                |    | 5.2                                                                                           | 5.5  | 5.7  | 12.2                                                                                    | 11.3 | 10.7 | 11.2                                                                                    | 10.4 | 10   | 11.9                                                                              | 11   | 10.5 | 10.6                                                                                   | 10.1 | 9.8  | 10.9                                                                                        | 10.5 | 10.1 | 9.4                                                                                   | 9.4 | 9.2 | 80                                                                                  |    |
| 85                                                                                |    | 4.7                                                                                           | 4.9  | 5    | 11.8                                                                                    | 10.9 | 10.3 | 10.8                                                                                    | 10.1 | 9.7  | 11.5                                                                              | 10.7 | 10.2 | 10.3                                                                                   | 9.8  | 9.5  | 10.7                                                                                        | 10.2 | 9.9  | 9.3                                                                                   | 9.3 | 9.1 | 85                                                                                  |    |
| 90                                                                                |    | 4.3                                                                                           | 4.4  |      | 11.3                                                                                    | 10.5 | 10   | 10.4                                                                                    | 9.8  | 9.5  | 11.1                                                                              | 10.3 | 9.9  | 10.1                                                                                   | 9.6  | 9.3  | 10.5                                                                                        | 10   | 9.6  | 9.2                                                                                   | 9.1 | 8.9 | 90                                                                                  |    |
| 95                                                                                |    |                                                                                               |      |      | 10.9                                                                                    | 10.1 | 9.7  | 10                                                                                      | 9.5  | 9.2  | 10.8                                                                              | 10   | 9.6  | 9.8                                                                                    | 9.4  | 9.1  | 10.3                                                                                        | 9.7  | 9.4  | 9.1                                                                                   | 8.9 | 8.7 | 95                                                                                  |    |
| 100                                                                               |    |                                                                                               |      |      | 10.5                                                                                    | 9.8  | 9.5  | 9.6                                                                                     | 9.3  | 9    | 10.4                                                                              | 9.7  | 9.4  | 9.5                                                                                    | 9.1  | 8.9  | 10                                                                                          | 9.5  | 9.2  | 8.9                                                                                   | 8.8 | 8.6 | 100                                                                                 |    |
| 105                                                                               |    |                                                                                               |      |      | 10                                                                                      | 9.6  | 9.3  | 9.3                                                                                     | 9    | 8.8  | 10                                                                                | 9.5  | 9.2  | 9.1                                                                                    | 8.9  | 8.7  | 9.7                                                                                         | 9.3  | 9    | 8.7                                                                                   | 8.6 | 8.4 | 105                                                                                 |    |
| 110                                                                               |    |                                                                                               |      |      | 9.6                                                                                     | 9.3  | 9    | 8.9                                                                                     | 8.8  | 8.6  | 9.7                                                                               | 9.2  | 9    | 8.9                                                                                    | 8.7  | 8.5  | 9.4                                                                                         | 9    | 8.8  | 8.5                                                                                   | 8.4 | 8.3 | 110                                                                                 |    |
| 115                                                                               |    |                                                                                               |      |      | 9.2                                                                                     | 9    | 8.8  | 8.6                                                                                     | 8.5  | 8.4  | 9.3                                                                               | 9    | 8.8  | 8.6                                                                                    | 8.4  | 8.3  | 9.1                                                                                         | 8.9  | 8.6  | 8.3                                                                                   | 8.2 | 8.1 | 115                                                                                 |    |
| 120                                                                               |    |                                                                                               |      |      | 8.8                                                                                     | 8.7  | 8.6  | 8.3                                                                                     | 8.3  | 8.2  | 8.9                                                                               | 8.8  | 8.6  | 8.3                                                                                    | 8.2  | 8.1  | 8.8                                                                                         | 8.7  | 8.5  | 8                                                                                     | 8   | 7.9 | 120                                                                                 |    |
| 125                                                                               |    |                                                                                               |      |      | 8.4                                                                                     | 8.5  | 8.4  | 8                                                                                       | 8    | 8    | 8.6                                                                               | 8.5  | 8.4  | 8                                                                                      | 8    | 8    | 8.5                                                                                         | 8.5  | 8.3  | 7.8                                                                                   | 7.8 | 7.8 | 125                                                                                 |    |
| 130                                                                               |    |                                                                                               |      |      | 8                                                                                       | 8.1  | 8.1  | 7.6                                                                                     | 7.7  | 7.8  | 8.3                                                                               | 8.2  | 8.3  | 7.7                                                                                    | 7.7  | 7.8  | 8.2                                                                                         | 8.2  | 8.1  | 7.6                                                                                   | 7.5 | 7.6 | 130                                                                                 |    |
| 135                                                                               |    |                                                                                               |      |      | 7.7                                                                                     | 7.8  | 7.8  | 7.3                                                                                     | 7.4  | 7.5  | 7.9                                                                               | 8    | 8.1  | 7.4                                                                                    | 7.4  | 7.5  | 7.9                                                                                         | 7.9  | 7.9  | 7.3                                                                                   | 7.3 | 7.4 | 135                                                                                 |    |
| 140                                                                               |    |                                                                                               |      |      | 7.3                                                                                     | 7.4  | 7.6  | 7                                                                                       | 7.1  | 7.2  | 7.6                                                                               | 7.7  | 7.8  | 7.1                                                                                    | 7.2  | 7.3  | 7.6                                                                                         | 7.7  | 7.7  | 7                                                                                     | 7.1 | 7.2 | 140                                                                                 |    |
| 145                                                                               |    |                                                                                               |      |      | 7                                                                                       | 7.1  | 7.2  | 6.6                                                                                     | 6.8  | 6.9  | 7.3                                                                               | 7.4  | 7.5  | 6.9                                                                                    | 7    | 7    | 7.4                                                                                         | 7.4  | 7.5  | 6.8                                                                                   | 6.8 | 7   | 145                                                                                 |    |
| 150                                                                               |    |                                                                                               |      |      | 6.7                                                                                     | 6.8  | 6.9  | 6.3                                                                                     | 6.5  | 6.6  | 7                                                                                 | 7.1  | 7.2  | 6.6                                                                                    | 6.7  | 6.8  | 7.1                                                                                         | 7.1  | 7.3  | 6.5                                                                                   | 6.6 | 6.8 | 150                                                                                 |    |
| 155                                                                               |    |                                                                                               |      |      | 6.4                                                                                     | 6.5  | 6.6  | 6                                                                                       | 6.2  | 6.3  | 6.7                                                                               | 6.8  | 6.9  | 6.3                                                                                    | 6.4  | 6.6  | 6.8                                                                                         | 6.9  | 7    | 6.2                                                                                   | 6.4 | 6.5 | 155                                                                                 |    |
| 160                                                                               |    |                                                                                               |      |      | 6.2                                                                                     | 6.2  | 6.3  | 5.7                                                                                     | 5.9  | 6    | 6.5                                                                               | 6.6  | 6.6  | 6.1                                                                                    | 6.2  | 6.3  | 6.4                                                                                         | 6.6  | 6.7  | 5.9                                                                                   | 6.1 | 6.3 | 160                                                                                 |    |
| 165                                                                               |    |                                                                                               |      |      | 5.9                                                                                     | 6    | 6.1  | 5.5                                                                                     | 5.6  | 5.7  | 6.2                                                                               | 6.3  | 6.4  | 5.8                                                                                    | 5.9  | 6    | 6                                                                                           | 6.3  | 6.5  | 5.6                                                                                   | 5.8 | 6   | 165                                                                                 |    |
| 170                                                                               |    |                                                                                               |      |      | 5.6                                                                                     | 5.7  | 5.8  | 5.2                                                                                     | 5.3  | 5.4  | 6                                                                                 | 6.1  | 6.1  | 5.6                                                                                    | 5.7  | 5.8  | 5.5                                                                                         | 5.9  | 6.1  | 5.1                                                                                   | 5.5 | 5.7 | 170                                                                                 |    |
| 175                                                                               |    |                                                                                               |      |      | 5.4                                                                                     | 5.5  | 5.5  | 4.9                                                                                     | 5.1  | 5.1  | 5.8                                                                               | 5.8  | 5.9  | 5.3                                                                                    | 5.4  | 5.5  | 5                                                                                           | 5.5  | 5.7  | 4.6                                                                                   | 5.1 | 5.4 | 175                                                                                 |    |
| 180                                                                               |    |                                                                                               |      |      | 5.1                                                                                     | 5.2  |      | 4.7                                                                                     | 4.8  | 4.9  | 5.4                                                                               | 5.6  | 5.7  | 5.1                                                                                    | 5.2  | 5.3  | 4.5                                                                                         | 5    | 5.2  | 4.2                                                                                   | 4.6 | 4.9 | 180                                                                                 |    |
| 185                                                                               |    |                                                                                               |      |      | 4.9                                                                                     | 5    |      | 4.5                                                                                     | 4.6  | 4.6  | 5                                                                                 | 5.3  | 5.4  | 4.9                                                                                    | 5    | 5    | 4                                                                                           | 4.4  | 4.7  | 3.7                                                                                   | 4.2 | 4.4 | 185                                                                                 |    |
| 190                                                                               |    |                                                                                               |      |      | 4.7                                                                                     | 4.8  |      | 4.2                                                                                     | 4.3  |      | 4.5                                                                               | 4.8  |      | 4.5                                                                                    | 4.7  | 4.8  | 3.5                                                                                         | 3.9  | 4.1  | 3.3                                                                                   | 3.7 | 3.9 | 190                                                                                 |    |
| 195                                                                               |    |                                                                                               |      |      | 4.5                                                                                     | 4.6  |      | 4                                                                                       | 4.1  |      | 4                                                                                 | 4.3  |      | 4                                                                                      | 4.3  | 4.4  | 3                                                                                           | 3.4  | 3.6  | 2.8                                                                                   | 3.2 | 3.4 | 195                                                                                 |    |
| 200                                                                               |    |                                                                                               |      |      | 4.3                                                                                     | 4.4  |      | 3.8                                                                                     | 3.9  |      | 3.6                                                                               | 3.9  |      | 3.5                                                                                    | 3.8  |      | 2.6                                                                                         | 2.9  | 3.1  | 2.4                                                                                   | 2.8 | 3   | 200                                                                                 |    |
| 205                                                                               |    |                                                                                               |      |      | 3.2                                                                                     |      |      | 3.6                                                                                     | 3.7  |      | 3.2                                                                               | 3.4  |      | 3.1                                                                                    | 3.4  |      | 2.2                                                                                         | 2.5  |      | 2                                                                                     | 2.3 | 2.5 | 205                                                                                 |    |
| 210                                                                               |    |                                                                                               |      |      |                                                                                         |      |      | 3.4                                                                                     | 3.5  |      | 2.8                                                                               | 2.9  |      | 2.7                                                                                    | 2.9  |      | 1.8                                                                                         | 2    |      |                                                                                       | 1.9 | 2   | 210                                                                                 |    |
| 215                                                                               |    |                                                                                               |      |      |                                                                                         |      |      | 2.4                                                                                     |      |      | 2.5                                                                               | 2.5  |      | 2.3                                                                                    | 2.5  |      |                                                                                             |      |      |                                                                                       |     |     | 215                                                                                 |    |
| 220                                                                               |    |                                                                                               |      |      |                                                                                         |      |      |                                                                                         |      |      |                                                                                   |      |      | 2                                                                                      | 2.1  |      |                                                                                             |      |      |                                                                                       |     |     | 220                                                                                 |    |

t\_205\_51301\_00\_000 / 51331\_00\_000 / 51361\_00\_000



# Lifting capacities Forces de levage

TVK

|                                                                                   |    |  42 – 197 ft |     |     |  23 ft |     |     |  62 ft |     |     |  |     |     |  360° |     |     |  92600 lbs |     |     | 85%            |     |     |                |                                                                                     |    |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------|-----|-----|-----------------------------------------------------------------------------------------|-----|-----|-----------------------------------------------------------------------------------------|-----|-----|-----------------------------------------------------------------------------------|-----|-----|----------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------------------|-----|-----|----------------|-----|-----|----------------|-------------------------------------------------------------------------------------|----|--|--|--|--|--|--|--|
|  | ft | 42 ft + 23 ft                                                                                 |     |     | 156 ft + 23 ft                                                                          |     |     | 166 ft + 23 ft                                                                          |     |     | 170 ft + 23 ft                                                                    |     |     | 180 ft + 23 ft                                                                         |     |     | 184 ft + 23 ft                                                                              |     |     | 194 ft + 23 ft |     |     | 197 ft + 23 ft |  | ft |  |  |  |  |  |  |  |
|                                                                                   |    | 62 ft                                                                                         |     |     | 62 ft                                                                                   |     |     | 62 ft                                                                                   |     |     | 62 ft                                                                             |     |     | 62 ft                                                                                  |     |     | 62 ft                                                                                       |     |     | 62 ft          |     |     |                |                                                                                     |    |  |  |  |  |  |  |  |
|                                                                                   |    | 0°                                                                                            | 20° | 40° | 0°                                                                                      | 20° | 40° | 0°                                                                                      | 20° | 40° | 0°                                                                                | 20° | 40° | 0°                                                                                     | 20° | 40° | 0°                                                                                          | 20° | 40° | 0°             | 20° | 40° | 0°             |                                                                                     |    |  |  |  |  |  |  |  |
| 17                                                                                |    | 9.2                                                                                           |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 17                                                                                  |    |  |  |  |  |  |  |  |
| 18                                                                                |    | 9.2                                                                                           |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 18                                                                                  |    |  |  |  |  |  |  |  |
| 19                                                                                |    | 9.2                                                                                           |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 19                                                                                  |    |  |  |  |  |  |  |  |
| 20                                                                                |    | 9.1                                                                                           |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 20                                                                                  |    |  |  |  |  |  |  |  |
| 22                                                                                |    | 9.1                                                                                           |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 22                                                                                  |    |  |  |  |  |  |  |  |
| 24                                                                                |    | 9.1                                                                                           |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 24                                                                                  |    |  |  |  |  |  |  |  |
| 26                                                                                |    | 9                                                                                             |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 26                                                                                  |    |  |  |  |  |  |  |  |
| 28                                                                                |    | 9                                                                                             |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 28                                                                                  |    |  |  |  |  |  |  |  |
| 30                                                                                |    | 8.9                                                                                           |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 30                                                                                  |    |  |  |  |  |  |  |  |
| 32                                                                                |    | 8.8                                                                                           |     |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 32                                                                                  |    |  |  |  |  |  |  |  |
| 34                                                                                |    | 8.8                                                                                           | 8.5 |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 34                                                                                  |    |  |  |  |  |  |  |  |
| 36                                                                                |    | 8.7                                                                                           | 8.5 |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 36                                                                                  |    |  |  |  |  |  |  |  |
| 38                                                                                |    | 8.6                                                                                           | 8.5 |     |                                                                                         |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 38                                                                                  |    |  |  |  |  |  |  |  |
| 40                                                                                |    | 8.5                                                                                           | 8.5 |     | 9.2                                                                                     |     |     |                                                                                         |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 40                                                                                  |    |  |  |  |  |  |  |  |
| 45                                                                                |    | 8.2                                                                                           | 8.3 |     | 9.1                                                                                     |     |     | 8.1                                                                                     |     |     | 8.3                                                                               |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 45                                                                                  |    |  |  |  |  |  |  |  |
| 50                                                                                |    | 7.8                                                                                           | 7.9 | 7.7 | 9.1                                                                                     |     |     | 8.1                                                                                     |     |     | 8.3                                                                               |     |     | 7.4                                                                                    |     |     | 7.5                                                                                         |     |     | 6.6            |     |     |                | 50                                                                                  |    |  |  |  |  |  |  |  |
| 55                                                                                |    | 7.4                                                                                           | 7.5 | 7.7 | 9                                                                                       |     |     | 8.1                                                                                     |     |     | 8.3                                                                               |     |     | 7.4                                                                                    |     |     | 7.5                                                                                         |     |     | 6.6            |     |     | 6.4            | 55                                                                                  |    |  |  |  |  |  |  |  |
| 60                                                                                |    | 7                                                                                             | 7.1 | 7.3 | 9                                                                                       |     |     | 8.1                                                                                     |     |     | 8.3                                                                               |     |     | 7.4                                                                                    |     |     | 7.5                                                                                         |     |     | 6.6            |     |     | 6.4            | 60                                                                                  |    |  |  |  |  |  |  |  |
| 65                                                                                |    | 6.6                                                                                           | 6.7 | 6.9 | 8.9                                                                                     | 8.3 |     | 8.1                                                                                     |     |     | 8.2                                                                               |     |     | 7.4                                                                                    |     |     | 7.4                                                                                         |     |     | 6.6            |     |     | 6.4            | 65                                                                                  |    |  |  |  |  |  |  |  |
| 70                                                                                |    | 6.3                                                                                           | 6.3 | 6.5 | 8.8                                                                                     | 8.3 |     | 8.1                                                                                     | 7.9 |     | 8.2                                                                               | 8.1 |     | 7.4                                                                                    |     |     | 7.4                                                                                         |     |     | 6.6            |     |     | 6.4            | 70                                                                                  |    |  |  |  |  |  |  |  |
| 75                                                                                |    | 6                                                                                             | 6   | 6.2 | 8.7                                                                                     | 8.3 |     | 8                                                                                       | 7.8 |     | 8.2                                                                               | 8   |     | 7.3                                                                                    | 7.1 |     | 7.4                                                                                         | 7.3 |     | 6.6            |     |     | 6.4            | 75                                                                                  |    |  |  |  |  |  |  |  |
| 80                                                                                |    | 5.6                                                                                           | 5.7 | 5.9 | 8.6                                                                                     | 8.1 |     | 7.9                                                                                     | 7.7 |     | 8.1                                                                               | 7.9 |     | 7.3                                                                                    | 7.1 |     | 7.4                                                                                         | 7.3 |     | 6.6            | 6.4 |     | 6.4            | 80                                                                                  |    |  |  |  |  |  |  |  |
| 85                                                                                |    | 5.2                                                                                           | 5.5 | 5.6 | 8.5                                                                                     | 7.9 | 7.5 | 7.9                                                                                     | 7.5 |     | 8.1                                                                               | 7.7 |     | 7.3                                                                                    | 7.1 |     | 7.3                                                                                         | 7.3 |     | 6.6            | 6.4 |     | 6.4            | 85                                                                                  |    |  |  |  |  |  |  |  |
| 90                                                                                |    | 4.8                                                                                           | 5.2 | 5.4 | 8.3                                                                                     | 7.7 | 7.3 | 7.7                                                                                     | 7.3 | 6.9 | 8                                                                                 | 7.6 | 7.2 | 7.3                                                                                    | 7.1 | 6.7 | 7.3                                                                                         | 7.3 |     | 6.5            | 6.4 |     | 6.4            | 90                                                                                  |    |  |  |  |  |  |  |  |
| 95                                                                                |    | 4.4                                                                                           | 4.9 | 5.2 | 8.1                                                                                     | 7.5 | 7.1 | 7.6                                                                                     | 7.1 | 6.8 | 7.8                                                                               | 7.4 | 7   | 7.2                                                                                    | 6.9 | 6.7 | 7.3                                                                                         | 7.1 | 6.8 | 6.5            | 6.4 | 6.1 | 6.4            | 95                                                                                  |    |  |  |  |  |  |  |  |
| 100                                                                               |    | 4                                                                                             | 4.5 | 4.9 | 7.8                                                                                     | 7.3 | 6.9 | 7.4                                                                                     | 6.9 | 6.6 | 7.7                                                                               | 7.2 | 6.8 | 7.1                                                                                    | 6.7 | 6.5 | 7.2                                                                                         | 7   | 6.7 | 6.5            | 6.4 | 6.1 | 6.4            | 100                                                                                 |    |  |  |  |  |  |  |  |
| 105                                                                               |    | 3.7                                                                                           | 4.1 | 4.4 | 7.6                                                                                     | 7.1 | 6.7 | 7.2                                                                                     | 6.7 | 6.4 | 7.5                                                                               | 7   | 6.7 | 7                                                                                      | 6.6 | 6.3 | 7.1                                                                                         | 6.8 | 6.5 | 6.5            | 6.3 | 6.1 | 6.4            | 105                                                                                 |    |  |  |  |  |  |  |  |
| 110                                                                               |    | 3.4                                                                                           | 3.7 | 3.8 | 7.4                                                                                     | 6.9 | 6.6 | 7                                                                                       | 6.5 | 6.3 | 7.3                                                                               | 6.8 | 6.5 | 6.8                                                                                    | 6.4 | 6.2 | 7                                                                                           | 6.6 | 6.4 | 6.4            | 6.2 | 6   | 6.3            | 110                                                                                 |    |  |  |  |  |  |  |  |
| 115                                                                               |    | 3.1                                                                                           | 3.3 |     | 7.2                                                                                     | 6.7 | 6.4 | 6.8                                                                                     | 6.4 | 6.1 | 7.1                                                                               | 6.6 | 6.4 | 6.7                                                                                    | 6.3 | 6.1 | 6.9                                                                                         | 6.5 | 6.2 | 6.3            | 6.1 | 5.9 | 6.2            | 115                                                                                 |    |  |  |  |  |  |  |  |
| 120                                                                               |    |                                                                                               |     |     | 7                                                                                       | 6.5 | 6.3 | 6.6                                                                                     | 6.2 | 6   | 6.9                                                                               | 6.4 | 6.2 | 6.5                                                                                    | 6.1 | 6   | 6.7                                                                                         | 6.3 | 6.1 | 6.2            | 6   | 5.8 | 6.1            | 120                                                                                 |    |  |  |  |  |  |  |  |
| 125                                                                               |    |                                                                                               |     |     | 6.8                                                                                     | 6.3 | 6.1 | 6.5                                                                                     | 6.1 | 5.9 | 6.8                                                                               | 6.3 | 6.1 | 6.4                                                                                    | 6   | 5.8 | 6.6                                                                                         | 6.2 | 6   | 6.1            | 5.8 | 5.7 | 6              | 125                                                                                 |    |  |  |  |  |  |  |  |
| 130                                                                               |    |                                                                                               |     |     | 6.6                                                                                     | 6.2 | 6   | 6.3                                                                                     | 5.9 | 5.8 | 6.6                                                                               | 6.1 | 6   | 6.2                                                                                    | 5.8 | 5.7 | 6.5                                                                                         | 6.1 | 5.9 | 6              | 5.7 | 5.6 | 6              | 130                                                                                 |    |  |  |  |  |  |  |  |
| 135                                                                               |    |                                                                                               |     |     | 6.4                                                                                     | 6   | 5.9 | 6.1                                                                                     | 5.8 | 5.6 | 6.4                                                                               | 6   | 5.9 | 6.1                                                                                    | 5.7 | 5.6 | 6.3                                                                                         | 5.9 | 5.8 | 5.9            | 5.6 | 5.5 | 5.9            | 135                                                                                 |    |  |  |  |  |  |  |  |
| 140                                                                               |    |                                                                                               |     |     | 6.3                                                                                     | 5.9 | 5.7 | 5.9                                                                                     | 5.6 | 5.5 | 6.3                                                                               | 5.9 | 5.7 | 5.9                                                                                    | 5.6 | 5.5 | 6.2                                                                                         | 5.8 | 5.7 | 5.8            | 5.5 | 5.4 | 5.7            | 140                                                                                 |    |  |  |  |  |  |  |  |
| 145                                                                               |    |                                                                                               |     |     | 6.1                                                                                     | 5.7 | 5.6 | 5.8                                                                                     | 5.5 | 5.4 | 6.1                                                                               | 5.7 | 5.6 | 5.8                                                                                    | 5.5 | 5.4 | 6                                                                                           | 5.7 | 5.6 | 5.7            | 5.4 | 5.3 | 5.6            | 145                                                                                 |    |  |  |  |  |  |  |  |
| 150                                                                               |    |                                                                                               |     |     | 5.9                                                                                     | 5.6 | 5.5 | 5.6                                                                                     | 5.4 | 5.3 | 6                                                                                 | 5.6 | 5.5 | 5.6                                                                                    | 5.4 | 5.3 | 5.9                                                                                         | 5.6 | 5.5 | 5.5            | 5.3 | 5.2 | 5.5            | 150                                                                                 |    |  |  |  |  |  |  |  |
| 155                                                                               |    |                                                                                               |     |     | 5.7                                                                                     | 5.5 | 5.4 | 5.4                                                                                     | 5.3 | 5.2 | 5.8                                                                               | 5.5 | 5.4 | 5.5                                                                                    | 5.2 | 5.2 | 5.7                                                                                         | 5.5 | 5.4 | 5.4            | 5.2 | 5.1 | 5.4            | 155                                                                                 |    |  |  |  |  |  |  |  |
| 160                                                                               |    |                                                                                               |     |     | 5.5                                                                                     | 5.4 | 5.3 | 5.3                                                                                     | 5.1 | 5.1 | 5.7                                                                               | 5.4 | 5.3 | 5.3                                                                                    | 5.2 | 5.1 | 5.6                                                                                         | 5.4 | 5.3 | 5.3            | 5.1 | 5   | 5.3            | 160                                                                                 |    |  |  |  |  |  |  |  |
| 165                                                                               |    |                                                                                               |     |     | 5.3                                                                                     | 5.3 | 5.2 | 5                                                                                       | 5   | 5   | 5.5                                                                               | 5.3 | 5.2 | 5.1                                                                                    | 5.1 | 5   | 5.4                                                                                         | 5.3 | 5.2 | 5.1            | 5   | 5   | 5.1            | 165                                                                                 |    |  |  |  |  |  |  |  |
| 170                                                                               |    |                                                                                               |     |     | 5.1                                                                                     | 5.1 | 5.1 | 4.8                                                                                     | 4.9 | 5   | 5.3                                                                               | 5.2 | 5.2 | 5                                                                                      | 4.9 | 5   | 5.3                                                                                         | 5.2 | 5.1 | 5              | 4.9 | 4.9 | 4.9            | 170                                                                                 |    |  |  |  |  |  |  |  |
| 175                                                                               |    |                                                                                               |     |     | 4.9                                                                                     | 4.9 | 5.1 | 4.6                                                                                     | 4.8 | 4.9 | 5.1                                                                               | 5.1 | 5.1 | 4.8                                                                                    | 4.8 | 4.9 | 5.1                                                                                         | 5.1 | 5.1 | 4.8            | 4.8 | 4.8 | 4.7            | 175                                                                                 |    |  |  |  |  |  |  |  |
| 180                                                                               |    |                                                                                               |     |     | 4.7                                                                                     | 4.8 | 4.9 | 4.4                                                                                     | 4.6 | 4.7 | 4.9                                                                               | 5   | 5   | 4.6                                                                                    | 4.7 | 4.8 | 4.7                                                                                         | 5   | 5   | 4.6            | 4.7 | 4.8 | 4.4            | 180                                                                                 |    |  |  |  |  |  |  |  |
| 185                                                                               |    |                                                                                               |     |     | 4.5                                                                                     | 4.6 | 4.8 | 4.1                                                                                     | 4.4 | 4.5 | 4.7                                                                               | 4.8 | 4.9 | 4.4                                                                                    | 4.6 | 4.7 | 4.3                                                                                         | 4.8 | 4.9 | 4.2            | 4.6 | 4.7 | 4              | 185                                                                                 |    |  |  |  |  |  |  |  |
| 190                                                                               |    |                                                                                               |     |     | 4.3                                                                                     | 4.4 | 4.5 | 3.9                                                                                     | 4.2 | 4.3 | 4.5                                                                               | 4.7 | 4.8 | 4.2                                                                                    | 4.4 | 4.6 | 3.9                                                                                         | 4.5 | 4.9 | 3.8            | 4.4 | 4.5 | 3.6            | 190                                                                                 |    |  |  |  |  |  |  |  |
| 195                                                                               |    |                                                                                               |     |     | 4.1                                                                                     | 4.2 | 4.3 | 3.7                                                                                     | 3.9 | 4.1 | 4.4                                                                               | 4.5 | 4.6 | 4                                                                                      | 4.2 | 4.4 | 3.5                                                                                         | 4.2 | 4.6 | 3.3            | 4.1 | 4.4 | 3.1            | 195                                                                                 |    |  |  |  |  |  |  |  |
| 200                                                                               |    |                                                                                               |     |     | 3.9                                                                                     | 4   | 4.1 | 3.6                                                                                     | 3.7 | 3.9 | 4.1                                                                               | 4.3 | 4.4 | 3.8                                                                                    | 4   | 4.2 | 3.1                                                                                         | 3.8 | 4.2 | 3              | 3.7 | 4.1 | 2.8            | 200                                                                                 |    |  |  |  |  |  |  |  |
| 205                                                                               |    |                                                                                               |     |     | 3.7                                                                                     | 3.8 |     | 3.4                                                                                     | 3.5 | 3.6 | 3.7                                                                               | 4.1 | 4.2 | 3.5                                                                                    | 3.8 | 4   | 2.7                                                                                         | 3.4 | 3.7 | 2.6            | 3.2 | 3.7 | 2.4            | 205                                                                                 |    |  |  |  |  |  |  |  |
| 210                                                                               |    |                                                                                               |     |     | 3.6                                                                                     | 3.7 |     | 3.2                                                                                     | 3.3 | 3.4 | 3.3                                                                               | 3.8 | 4   | 3.2                                                                                    | 3.6 | 3.8 | 2.3                                                                                         | 3   | 3.3 | 2.2            | 2.8 | 3.2 | 2              | 210                                                                                 |    |  |  |  |  |  |  |  |
| 215                                                                               |    |                                                                                               |     |     | 3.4                                                                                     | 3.5 |     | 3                                                                                       | 3.1 |     | 2.9                                                                               | 3.4 | 3.6 | 2.8                                                                                    | 3.3 | 3.5 | 2                                                                                           | 2.6 | 2.8 | 1.8            | 2.5 | 2.8 |                | 215                                                                                 |    |  |  |  |  |  |  |  |
| 220                                                                               |    |                                                                                               |     |     | 3.3                                                                                     | 3.3 |     | 2.8                                                                                     | 2.9 |     | 2.6                                                                               | 3   |     | 2.4                                                                                    | 2.9 | 3.1 |                                                                                             | 2.1 | 2.4 |                | 2.1 | 2.4 |                | 220                                                                                 |    |  |  |  |  |  |  |  |
| 225                                                                               |    |                                                                                               |     |     | 3                                                                                       | 3.2 |     | 2.7                                                                                     | 2.8 |     | 2.2                                                                               | 2.6 |     | 2.1                                                                                    | 2.5 |     |                                                                                             |     | 1.9 |                |     | 2   |                | 225                                                                                 |    |  |  |  |  |  |  |  |
| 230                                                                               |    |                                                                                               |     |     | 2.6                                                                                     |     |     | 2.5                                                                                     | 2.6 |     | 1.9                                                                               | 2.2 |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 230                                                                                 |    |  |  |  |  |  |  |  |
| 235                                                                               |    |                                                                                               |     |     |                                                                                         |     |     | 2.2                                                                                     | 2.4 |     |                                                                                   | 1.8 |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 235                                                                                 |    |  |  |  |  |  |  |  |
| 240                                                                               |    |                                                                                               |     |     |                                                                                         |     |     | 1.9                                                                                     |     |     |                                                                                   |     |     |                                                                                        |     |     |                                                                                             |     |     |                |     |     |                | 240                                                                                 |    |  |  |  |  |  |  |  |

t\_205\_51401\_00\_000 / 51431\_00\_000 / 51461\_00\_000



# Lifting capacities Forces de levage

TVK

|                                                                                      |               |  42 – 197 ft<br>T |      |                |  23 ft<br>V |      |                |  35 ft<br>K |      |                |  360° |      |                |  14600 lbs |     |                | 85%  |      |                |     |     |                                                                                        |     |
|--------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|------|----------------|----------------------------------------------------------------------------------------------|------|----------------|----------------------------------------------------------------------------------------------|------|----------------|----------------------------------------------------------------------------------------|------|----------------|---------------------------------------------------------------------------------------------|-----|----------------|------|------|----------------|-----|-----|----------------------------------------------------------------------------------------|-----|
|  ft | 42 ft + 23 ft |                                                                                                    |      | 156 ft + 23 ft |                                                                                              |      | 166 ft + 23 ft |                                                                                              |      | 170 ft + 23 ft |                                                                                        |      | 180 ft + 23 ft |                                                                                             |     | 184 ft + 23 ft |      |      | 197 ft + 23 ft |     |     |  ft |     |
|                                                                                      | 35 ft         |                                                                                                    |      | 35 ft          |                                                                                              |      | 35 ft          |                                                                                              |      | 35 ft          |                                                                                        |      | 35 ft          |                                                                                             |     | 35 ft          |      |      | 35 ft          |     |     |                                                                                        |     |
|                                                                                      | 0°            | 20°                                                                                                | 40°  | 0°             | 20°                                                                                          | 40°  | 0°             | 20°                                                                                          | 40°  | 0°             | 20°                                                                                    | 40°  | 0°             | 20°                                                                                         | 40° | 0°             | 20°  | 40°  | 0°             | 20° | 40° |                                                                                        |     |
| 14                                                                                   | 13.3          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 14                                                                                     |     |
| 15                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 15                                                                                     |     |
| 16                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 16                                                                                     |     |
| 17                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 17                                                                                     |     |
| 18                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 18                                                                                     |     |
| 19                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 19                                                                                     |     |
| 20                                                                                   | 13.1          | 13.2                                                                                               |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 20                                                                                     |     |
| 22                                                                                   | 13            | 13.2                                                                                               |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 22                                                                                     |     |
| 24                                                                                   | 12.8          | 13.1                                                                                               |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 24                                                                                     |     |
| 26                                                                                   | 12.5          | 12.7                                                                                               |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 26                                                                                     |     |
| 28                                                                                   | 12.2          | 12.3                                                                                               |      |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 28                                                                                     |     |
| 30                                                                                   | 11.8          | 11.9                                                                                               | 11.5 |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 30                                                                                     |     |
| 32                                                                                   | 11.4          | 11.4                                                                                               | 11.5 |                |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 32                                                                                     |     |
| 34                                                                                   | 11.1          | 11.1                                                                                               | 11.2 | 13.3           |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 34                                                                                     |     |
| 36                                                                                   | 10.7          | 10.7                                                                                               | 10.9 | 13.3           |                                                                                              |      |                |                                                                                              |      |                |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     | 36                                                                                     |     |
| 38                                                                                   | 10.4          | 10.4                                                                                               | 10.5 | 13.2           |                                                                                              |      |                | 11.5                                                                                         |      |                | 11.7                                                                                   |      |                |                                                                                             |     |                |      |      |                |     |     | 38                                                                                     |     |
| 40                                                                                   | 10            | 10                                                                                                 | 10.2 | 13.2           |                                                                                              |      |                | 11.5                                                                                         |      |                | 11.7                                                                                   |      |                | 10                                                                                          |     |                |      |      |                |     |     | 40                                                                                     |     |
| 45                                                                                   | 9.2           | 9.3                                                                                                | 9.4  | 13.2           |                                                                                              |      |                | 11.4                                                                                         |      |                | 11.7                                                                                   |      |                | 10                                                                                          |     |                | 10.2 |      |                | 8.6 |     | 45                                                                                     |     |
| 50                                                                                   | 8.4           | 8.7                                                                                                | 8.8  | 13.1           | 12.9                                                                                         |      |                | 11.4                                                                                         |      |                | 11.7                                                                                   |      |                | 10                                                                                          |     |                | 10.2 |      |                | 8.6 |     | 50                                                                                     |     |
| 55                                                                                   | 7.6           | 8.1                                                                                                | 8.3  | 13             | 12.4                                                                                         |      |                | 11.4                                                                                         | 11.2 |                | 11.6                                                                                   | 11.7 |                | 10                                                                                          | 10  |                | 10.2 |      |                | 8.6 |     | 55                                                                                     |     |
| 60                                                                                   | 6.9           | 7.6                                                                                                | 7.8  | 12.8           | 11.9                                                                                         | 11.2 |                | 11.3                                                                                         | 10.9 |                | 11.6                                                                                   | 11.4 |                | 10                                                                                          | 10  |                | 10.2 | 10.2 |                | 8.5 | 8.6 | 60                                                                                     |     |
| 65                                                                                   | 6.2           | 6.8                                                                                                | 7.3  | 12.1           | 11.5                                                                                         | 10.8 |                | 11.1                                                                                         | 10.5 | 10             | 11                                                                                     | 11.1 | 10.5           | 9.9                                                                                         | 9.9 | 9.6            | 9.4  | 10.2 |                | 8.3 | 8.6 | 65                                                                                     |     |
| 70                                                                                   | 5.7           | 6.2                                                                                                | 6.6  | 10.7           | 11                                                                                           | 10.4 |                | 10.2                                                                                         | 10.1 | 9.7            | 9.4                                                                                    | 10.7 | 10.1           | 9                                                                                           | 9.7 | 9.3            | 7.9  | 9.5  | 9.7            | 7.2 | 8.5 | 8.4                                                                                    | 70  |
| 75                                                                                   | 5.2           | 5.6                                                                                                | 5.9  | 9.2            | 10.4                                                                                         | 10   |                | 8.8                                                                                          | 9.8  | 9.4            | 8                                                                                      | 9.4  | 9.8            | 7.6                                                                                         | 9   | 9.1            | 6.6  | 8.1  | 9.2            | 6   | 7.4 | 8.3                                                                                    | 75  |
| 80                                                                                   | 4.7           | 5                                                                                                  | 5.2  | 7.8            | 9.1                                                                                          | 9.7  |                | 7.5                                                                                          | 8.8  | 9.1            | 6.7                                                                                    | 8.1  | 9.2            | 6.5                                                                                         | 7.7 | 8.7            | 5.4  | 6.8  | 8              | 4.9 | 6.2 | 7.4                                                                                    | 80  |
| 85                                                                                   | 4.3           | 4.5                                                                                                | 4.6  | 6.7            | 7.9                                                                                          | 8.9  |                | 6.3                                                                                          | 7.6  | 8.6            | 5.6                                                                                    | 6.9  | 7.9            | 5.4                                                                                         | 6.6 | 7.6            | 4.2  | 5.6  | 6.8            | 3.8 | 5.2 | 6.2                                                                                    | 85  |
| 90                                                                                   | 3.9           | 4                                                                                                  |      | 5.6            | 6.8                                                                                          | 7.7  |                | 5.3                                                                                          | 6.5  | 7.5            | 4.6                                                                                    | 5.8  | 6.8            | 4.3                                                                                         | 5.6 | 6.5            | 3.2  | 4.6  | 5.6            | 2.8 | 4.2 | 5.2                                                                                    | 90  |
| 95                                                                                   |               |                                                                                                    |      | 4.7            | 5.8                                                                                          | 6.6  |                | 4.4                                                                                          | 5.5  | 6.4            | 3.6                                                                                    | 4.8  | 5.7            | 3.5                                                                                         | 4.6 | 5.5            | 2.2  | 3.6  | 4.6            |     | 3.2 | 4.3                                                                                    | 95  |
| 100                                                                                  |               |                                                                                                    |      | 3.9            | 4.9                                                                                          | 5.6  |                | 3.6                                                                                          | 4.6  | 5.4            | 2.8                                                                                    | 3.9  | 4.8            | 2.5                                                                                         | 3.7 | 4.6            |      | 2.6  | 3.7            |     |     | 3.3                                                                                    | 100 |
| 105                                                                                  |               |                                                                                                    |      | 3.1            | 4                                                                                            | 4.8  |                | 2.8                                                                                          | 3.8  | 4.5            | 1.8                                                                                    | 3.1  | 3.9            |                                                                                             | 2.9 | 3.7            |      |      | 2.7            |     |     | 2.4                                                                                    | 105 |
| 110                                                                                  |               |                                                                                                    |      | 2.3            | 3.3                                                                                          | 3.9  |                | 1.9                                                                                          | 3    | 3.7            |                                                                                        | 2.2  | 3.1            |                                                                                             | 2   | 2.9            |      |      |                |     |     |                                                                                        | 110 |
| 115                                                                                  |               |                                                                                                    |      |                | 2.5                                                                                          | 3.2  |                |                                                                                              | 2.2  | 3              |                                                                                        |      | 2.2            |                                                                                             |     | 2.1            |      |      |                |     |     |                                                                                        | 115 |
| 120                                                                                  |               |                                                                                                    |      |                |                                                                                              | 2.5  |                |                                                                                              |      | 2.2            |                                                                                        |      |                |                                                                                             |     |                |      |      |                |     |     |                                                                                        | 120 |

† 205 01319 00 000 / 01349 00 000 / 01379 00 000

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# Lifting capacities Forces de levage

TVK

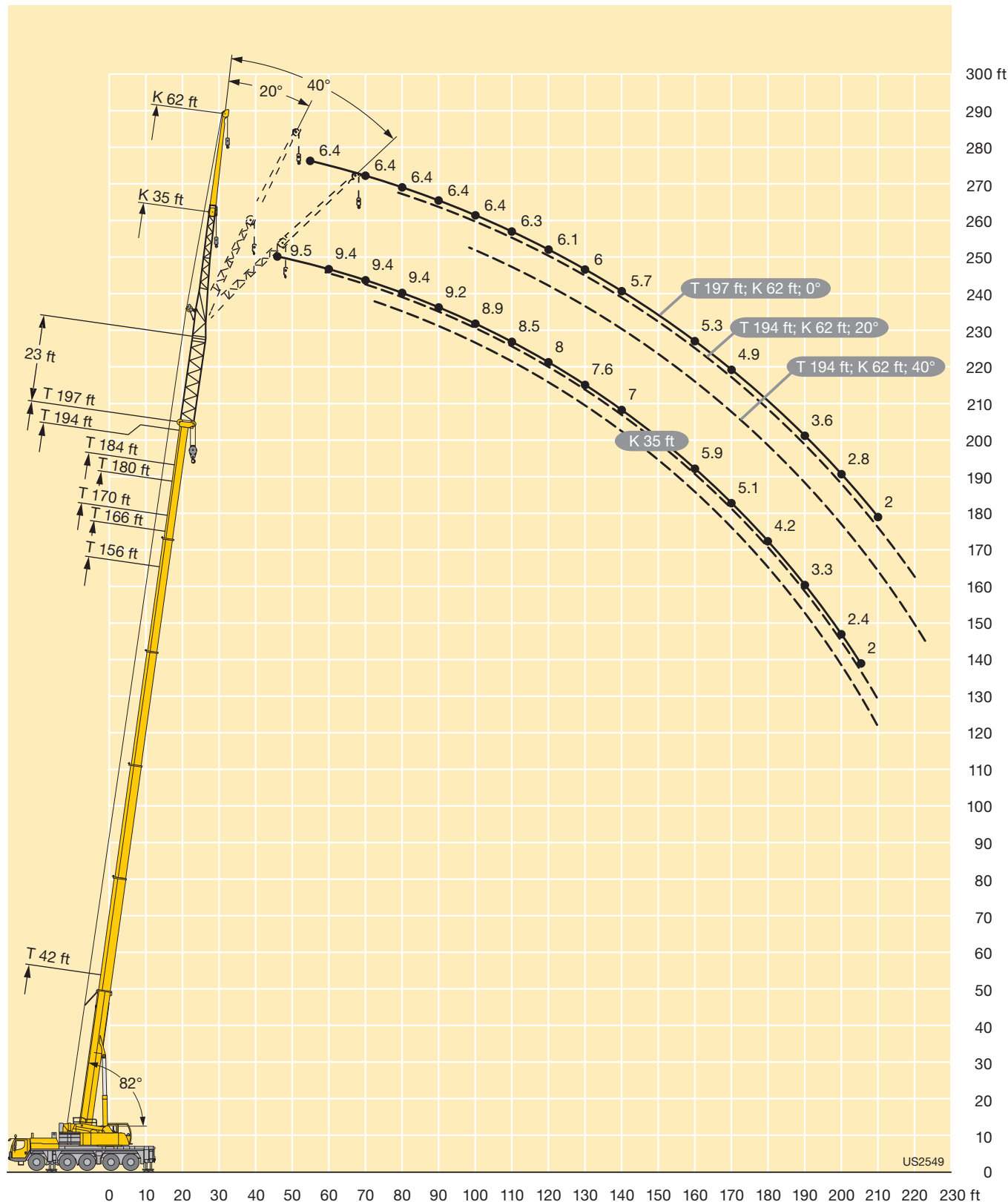
|                                                                                      |               |  42 – 197 ft |     |                |  23 ft |     |                |  62 ft |     |                |  360° |     |                |  14600 lbs |     |                |  85% |     |                |     |     |        |                                                                                        |     |  |  |  |  |  |
|--------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------|-----|----------------|-----|-----|--------|----------------------------------------------------------------------------------------|-----|--|--|--|--|--|
|  ft | 42 ft + 23 ft |                                                                                               |     | 156 ft + 23 ft |                                                                                         |     | 166 ft + 23 ft |                                                                                         |     | 170 ft + 23 ft |                                                                                        |     | 180 ft + 23 ft |                                                                                             |     | 184 ft + 23 ft |                                                                                       |     | 194 ft + 23 ft |     |     | 197 ft |  ft |     |  |  |  |  |  |
|                                                                                      | 62 ft         |                                                                                               |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                        |     | 62 ft          |                                                                                             |     | 62 ft          |                                                                                       |     | 62 ft          |     |     | +23 ft |                                                                                        |     |  |  |  |  |  |
|                                                                                      | 0°            | 20°                                                                                           | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20°                                                                                   | 40° | 0°             | 20° | 40° | 0°     |                                                                                        |     |  |  |  |  |  |
| 17                                                                                   | 8.3           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 17                                                                                     |     |  |  |  |  |  |
| 18                                                                                   | 8.3           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 18                                                                                     |     |  |  |  |  |  |
| 19                                                                                   | 8.3           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 19                                                                                     |     |  |  |  |  |  |
| 20                                                                                   | 8.3           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 20                                                                                     |     |  |  |  |  |  |
| 22                                                                                   | 8.2           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 22                                                                                     |     |  |  |  |  |  |
| 24                                                                                   | 8.2           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 24                                                                                     |     |  |  |  |  |  |
| 26                                                                                   | 8.1           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 26                                                                                     |     |  |  |  |  |  |
| 28                                                                                   | 8             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 28                                                                                     |     |  |  |  |  |  |
| 30                                                                                   | 8             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 30                                                                                     |     |  |  |  |  |  |
| 32                                                                                   | 8             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 32                                                                                     |     |  |  |  |  |  |
| 34                                                                                   | 8             | 7.7                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 34                                                                                     |     |  |  |  |  |  |
| 36                                                                                   | 7.9           | 7.7                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 36                                                                                     |     |  |  |  |  |  |
| 38                                                                                   | 7.8           | 7.7                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 38                                                                                     |     |  |  |  |  |  |
| 40                                                                                   | 7.8           | 7.7                                                                                           |     |                | 8.3                                                                                     |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 40                                                                                     |     |  |  |  |  |  |
| 45                                                                                   | 7.4           | 7.5                                                                                           |     |                | 8.3                                                                                     |     |                | 7.4                                                                                     |     |                | 7.6                                                                                    |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        | 45                                                                                     |     |  |  |  |  |  |
| 50                                                                                   | 7.1           | 7.2                                                                                           | 7   |                | 8.3                                                                                     |     |                | 7.4                                                                                     |     |                | 7.6                                                                                    |     |                | 6.7                                                                                         |     |                | 6.9                                                                                   |     |                | 6   |     |        | 50                                                                                     |     |  |  |  |  |  |
| 55                                                                                   | 6.7           | 6.8                                                                                           | 7   |                | 8.2                                                                                     |     |                | 7.4                                                                                     |     |                | 7.5                                                                                    |     |                | 6.7                                                                                         |     |                | 6.8                                                                                   |     |                | 6   |     |        | 5.8                                                                                    | 55  |  |  |  |  |  |
| 60                                                                                   | 6.3           | 6.4                                                                                           | 6.6 |                | 8.2                                                                                     |     |                | 7.4                                                                                     |     |                | 7.5                                                                                    |     |                | 6.7                                                                                         |     |                | 6.8                                                                                   |     |                | 6   |     |        | 5.8                                                                                    | 60  |  |  |  |  |  |
| 65                                                                                   | 6             | 6.1                                                                                           | 6.3 | 8.1            | 7.6                                                                                     |     |                | 7.3                                                                                     |     |                | 7.5                                                                                    |     |                | 6.7                                                                                         |     |                | 6.8                                                                                   |     |                | 6   |     |        | 5.8                                                                                    | 65  |  |  |  |  |  |
| 70                                                                                   | 5.7           | 5.8                                                                                           | 5.9 | 8              | 7.6                                                                                     |     |                | 7.3                                                                                     | 7.1 |                | 7.5                                                                                    | 7.3 |                | 6.7                                                                                         |     |                | 6.7                                                                                   |     |                | 6   |     |        | 5.8                                                                                    | 70  |  |  |  |  |  |
| 75                                                                                   | 5.4           | 5.5                                                                                           | 5.6 | 7.9            | 7.5                                                                                     |     |                | 7.3                                                                                     | 7.1 |                | 7.4                                                                                    | 7.3 |                | 6.7                                                                                         | 6.5 |                | 6.4                                                                                   | 6.6 |                | 6   |     |        | 5.8                                                                                    | 75  |  |  |  |  |  |
| 80                                                                                   | 5.1           | 5.2                                                                                           | 5.4 | 7.6            | 7.4                                                                                     |     |                | 7.1                                                                                     | 7   |                | 6.8                                                                                    | 7.2 |                | 6.4                                                                                         | 6.5 |                | 5.5                                                                                   | 6.6 |                | 5.1 | 5.8 |        | 4.9                                                                                    | 80  |  |  |  |  |  |
| 85                                                                                   | 4.7           | 5                                                                                             | 5.1 | 7              | 7.2                                                                                     | 6.8 |                | 6.4                                                                                     | 6.8 |                | 5.9                                                                                    | 7   |                | 5.5                                                                                         | 6.5 |                | 4.5                                                                                   | 6.6 |                | 4.2 | 5.8 |        | 3.9                                                                                    | 85  |  |  |  |  |  |
| 90                                                                                   | 4.3           | 4.8                                                                                           | 4.9 | 5.9            | 7                                                                                       | 6.6 | 5.6            | 6.6                                                                                     | 6.3 | 4.9            | 6.9                                                                                    | 6.5 | 4.6            | 6.3                                                                                         | 6.1 | 3.6            | 5.7                                                                                   |     | 3.2            | 5.4 |     | 3.1    |                                                                                        | 90  |  |  |  |  |  |
| 95                                                                                   | 4             | 4.5                                                                                           | 4.7 | 5              | 6.6                                                                                     | 6.5 | 4.7            | 6.4                                                                                     | 6.2 | 4              | 6                                                                                      | 6.4 | 3.7            | 5.6                                                                                         | 6   | 2.7            | 4.8                                                                                   | 6.2 | 2.2            | 4.5 | 5.5 | 2.1    |                                                                                        | 95  |  |  |  |  |  |
| 100                                                                                  | 3.7           | 4.1                                                                                           | 4.5 | 4.2            | 6                                                                                       | 6.3 | 3.9            | 5.7                                                                                     | 6   | 3.1            | 5.1                                                                                    | 6.2 | 2.9            | 4.8                                                                                         | 5.9 |                | 4                                                                                     | 5.6 |                | 3.7 | 5.3 |        |                                                                                        | 100 |  |  |  |  |  |
| 105                                                                                  | 3.4           | 3.7                                                                                           | 4   | 3.5            | 5.2                                                                                     | 6.1 | 3.1            | 4.9                                                                                     | 5.9 | 2.3            | 4.3                                                                                    | 5.8 | 2              | 4                                                                                           | 5.4 |                | 3.2                                                                                   | 4.8 |                | 3   | 4.5 |        |                                                                                        | 105 |  |  |  |  |  |
| 110                                                                                  | 3.1           | 3.4                                                                                           | 3.5 | 2.7            | 4.4                                                                                     | 5.6 | 2.4            | 4.1                                                                                     | 5.5 |                | 3.5                                                                                    | 4.9 |                | 3.3                                                                                         | 4.7 |                | 2.3                                                                                   | 4   |                | 2.1 | 3.7 |        |                                                                                        | 110 |  |  |  |  |  |
| 115                                                                                  | 2.9           | 3                                                                                             |     | 2              | 3.7                                                                                     | 4.9 |                | 3.4                                                                                     | 4.7 |                | 2.8                                                                                    | 4.2 |                | 2.5                                                                                         | 3.9 |                |                                                                                       | 3.2 |                |     | 3   |        |                                                                                        | 115 |  |  |  |  |  |
| 120                                                                                  |               |                                                                                               |     |                | 3                                                                                       | 4.2 |                | 2.8                                                                                     | 4   |                | 2                                                                                      | 3.4 |                | 1.8                                                                                         | 3.3 |                |                                                                                       | 2.4 |                |     | 2.4 |        |                                                                                        | 120 |  |  |  |  |  |
| 125                                                                                  |               |                                                                                               |     |                | 2.3                                                                                     | 3.5 |                | 2                                                                                       | 3.3 |                |                                                                                        | 2.8 |                |                                                                                             | 2.5 |                |                                                                                       |     |                |     |     |        |                                                                                        | 125 |  |  |  |  |  |
| 130                                                                                  |               |                                                                                               |     |                |                                                                                         | 2.9 |                |                                                                                         | 2.6 |                |                                                                                        | 2   |                |                                                                                             | 1.8 |                |                                                                                       |     |                |     |     |        |                                                                                        | 130 |  |  |  |  |  |
| 135                                                                                  |               |                                                                                               |     |                |                                                                                         | 2.2 |                |                                                                                         | 1.9 |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |        |                                                                                        | 135 |  |  |  |  |  |

t\_205\_01419\_00\_000 / 01449\_00\_000 / 01479\_00\_000



# Lifting heights Hauteurs de levage

**TVK**



# Lifting capacities Forces de levage

TVK

| <div><div><div>42 – 194 ft</div><div>T</div></div><div><div>46 ft</div><div>V</div></div><div><div>35 ft</div><div>K</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>92600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div> |               |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                                                        | 42 ft + 46 ft |     |     | 156 ft + 46 ft |     |     | 166 ft + 46 ft |     |     | 170 ft + 46 ft |     |     | 180 ft + 46 ft |     |     | 184 ft + 46 ft |     |     | 194 ft + 46 ft |     |     | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                                                            | 35 ft         |     |     | 35 ft          |     |     | 35 ft          |     |     | 35 ft          |     |     | 35 ft          |     |     | 35 ft          |     |     | 35 ft          |     |     |                                     |
|                                                                                                                                                                                                                                                                                            | 0°            | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                     |
| 14                                                                                                                                                                                                                                                                                         | 9.7           |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 14  |                                     |
| 15                                                                                                                                                                                                                                                                                         | 9.7           |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 15  |                                     |
| 16                                                                                                                                                                                                                                                                                         | 9.7           |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 16  |                                     |
| 17                                                                                                                                                                                                                                                                                         | 9.7           |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 17  |                                     |
| 18                                                                                                                                                                                                                                                                                         | 9.7           |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 18  |                                     |
| 19                                                                                                                                                                                                                                                                                         | 9.7           |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 19  |                                     |
| 20                                                                                                                                                                                                                                                                                         | 9.7           |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 20  |                                     |
| 22                                                                                                                                                                                                                                                                                         | 9.7           |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 22  |                                     |
| 24                                                                                                                                                                                                                                                                                         | 9.7           | 9.7 |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 24  |                                     |
| 26                                                                                                                                                                                                                                                                                         | 9.6           | 9.7 |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 26  |                                     |
| 28                                                                                                                                                                                                                                                                                         | 9.5           | 9.7 |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 28  |                                     |
| 30                                                                                                                                                                                                                                                                                         | 9.5           | 9.7 |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 30  |                                     |
| 32                                                                                                                                                                                                                                                                                         | 9.3           | 9.6 |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 32  |                                     |
| 34                                                                                                                                                                                                                                                                                         | 9.1           | 9.4 | 9.1 |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 34  |                                     |
| 36                                                                                                                                                                                                                                                                                         | 8.9           | 9.1 | 9.1 |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 36  |                                     |
| 38                                                                                                                                                                                                                                                                                         | 8.7           | 8.9 | 9   |                |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 38  |                                     |
| 40                                                                                                                                                                                                                                                                                         | 8.5           | 8.6 | 8.9 | 9.7            |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                |     | 40  |                                     |
| 45                                                                                                                                                                                                                                                                                         | 8             | 8.1 | 8.3 | 9.7            |     |     | 8.5            |     |     | 8.8            |     |     |                |     |     |                |     |     |                |     | 45  |                                     |
| 50                                                                                                                                                                                                                                                                                         | 7.4           | 7.5 | 7.7 | 9.7            |     |     | 8.5            |     |     | 8.7            |     |     | 7.6            |     |     | 7.6            |     |     | 6.6            |     | 50  |                                     |
| 55                                                                                                                                                                                                                                                                                         | 7             | 7.1 | 7.2 | 9.7            | 9.7 |     | 8.5            |     |     | 8.7            |     |     | 7.6            |     |     | 7.6            |     |     | 6.6            |     | 55  |                                     |
| 60                                                                                                                                                                                                                                                                                         | 6.5           | 6.6 | 6.8 | 9.6            | 9.5 |     | 8.5            | 8.5 |     | 8.6            | 8.7 |     | 7.6            | 7.7 |     | 7.6            |     |     | 6.6            |     | 60  |                                     |
| 65                                                                                                                                                                                                                                                                                         | 6.2           | 6.2 | 6.4 | 9.4            | 9.2 | 8.9 | 8.4            | 8.4 |     | 8.6            | 8.6 |     | 7.5            | 7.6 |     | 7.6            | 7.6 |     | 6.6            | 6.6 | 65  |                                     |
| 70                                                                                                                                                                                                                                                                                         | 5.8           | 5.9 | 6   | 9.2            | 8.9 | 8.6 | 8.3            | 8.2 | 8   | 8.5            | 8.5 | 8.4 | 7.5            | 7.6 |     | 7.5            | 7.6 |     | 6.6            | 6.6 | 70  |                                     |
| 75                                                                                                                                                                                                                                                                                         | 5.4           | 5.5 | 5.7 | 8.9            | 8.6 | 8.4 | 8.2            | 8   | 7.8 | 8.4            | 8.3 | 8.1 | 7.4            | 7.6 | 7.5 | 7.5            | 7.6 | 7.6 | 6.6            | 6.6 | 75  |                                     |
| 80                                                                                                                                                                                                                                                                                         | 5             | 5.2 | 5.4 | 8.7            | 8.3 | 8.1 | 8              | 7.7 | 7.5 | 8.2            | 8.1 | 7.9 | 7.4            | 7.4 | 7.3 | 7.5            | 7.6 | 7.5 | 6.5            | 6.6 | 6.6 | 80                                  |
| 85                                                                                                                                                                                                                                                                                         | 4.6           | 4.9 | 5.1 | 8.4            | 8   | 7.8 | 7.7            | 7.5 | 7.3 | 8.1            | 7.8 | 7.6 | 7.3            | 7.2 | 7.1 | 7.4            | 7.5 | 7.3 | 6.5            | 6.6 | 6.6 | 85                                  |
| 90                                                                                                                                                                                                                                                                                         | 4.2           | 4.5 | 4.8 | 8.1            | 7.8 | 7.6 | 7.5            | 7.2 | 7.1 | 7.9            | 7.6 | 7.4 | 7.2            | 7   | 6.9 | 7.3            | 7.3 | 7.1 | 6.5            | 6.6 | 6.6 | 90                                  |
| 95                                                                                                                                                                                                                                                                                         | 3.8           | 4.1 | 4.3 | 7.8            | 7.5 | 7.3 | 7.3            | 7   | 6.9 | 7.7            | 7.4 | 7.2 | 7              | 6.8 | 6.7 | 7.2            | 7.1 | 7   | 6.4            | 6.5 | 6.4 | 95                                  |
| 100                                                                                                                                                                                                                                                                                        | 3.4           | 3.7 | 3.8 | 7.6            | 7.3 | 7.1 | 7.1            | 6.8 | 6.7 | 7.5            | 7.1 | 7   | 6.9            | 6.6 | 6.5 | 7.1            | 6.9 | 6.8 | 6.4            | 6.4 | 6.3 | 100                                 |
| 105                                                                                                                                                                                                                                                                                        | 3.1           | 3.3 | 3.3 | 7.3            | 7   | 6.9 | 6.9            | 6.6 | 6.5 | 7.2            | 6.9 | 6.8 | 6.7            | 6.5 | 6.4 | 7              | 6.7 | 6.6 | 6.4            | 6.2 | 6.1 | 105                                 |
| 110                                                                                                                                                                                                                                                                                        | 2.8           | 2.9 | 3.2 | 7.1            | 6.8 | 6.7 | 6.7            | 6.4 | 6.3 | 7              | 6.7 | 6.6 | 6.5            | 6.3 | 6.2 | 6.8            | 6.6 | 6.4 | 6.2            | 6.1 | 6   | 110                                 |
| 115                                                                                                                                                                                                                                                                                        | 2.6           |     |     | 6.9            | 6.6 | 6.5 | 6.4            | 6.2 | 6.1 | 6.8            | 6.5 | 6.4 | 6.3            | 6.1 | 6   | 6.6            | 6.4 | 6.3 | 6.1            | 5.9 | 5.9 | 115                                 |
| 120                                                                                                                                                                                                                                                                                        |               |     |     | 6.6            | 6.4 | 6.3 | 6.3            | 6   | 6   | 6.6            | 6.3 | 6.2 | 6.2            | 6   | 5.9 | 6.4            | 6.2 | 6.1 | 5.9            | 5.8 | 5.7 | 120                                 |
| 125                                                                                                                                                                                                                                                                                        |               |     |     | 6.4            | 6.2 | 6.1 | 6.1            | 5.9 | 5.8 | 6.4            | 6.2 | 6.1 | 6              | 5.8 | 5.7 | 6.2            | 6.1 | 6   | 5.8            | 5.6 | 5.6 | 125                                 |
| 130                                                                                                                                                                                                                                                                                        |               |     |     | 6.2            | 6   | 5.9 | 5.9            | 5.7 | 5.6 | 6.2            | 6   | 5.9 | 5.8            | 5.7 | 5.6 | 6.1            | 5.9 | 5.8 | 5.7            | 5.5 | 5.5 | 130                                 |
| 135                                                                                                                                                                                                                                                                                        |               |     |     | 6              | 5.8 | 5.8 | 5.7            | 5.6 | 5.5 | 6              | 5.8 | 5.8 | 5.7            | 5.5 | 5.5 | 5.9            | 5.7 | 5.7 | 5.5            | 5.4 | 5.3 | 135                                 |
| 140                                                                                                                                                                                                                                                                                        |               |     |     | 5.9            | 5.7 | 5.6 | 5.5            | 5.4 | 5.4 | 5.9            | 5.7 | 5.6 | 5.5            | 5.4 | 5.3 | 5.8            | 5.6 | 5.5 | 5.4            | 5.2 | 5.2 | 140                                 |
| 145                                                                                                                                                                                                                                                                                        |               |     |     | 5.7            | 5.5 | 5.5 | 5.4            | 5.3 | 5.2 | 5.7            | 5.5 | 5.5 | 5.4            | 5.3 | 5.2 | 5.6            | 5.5 | 5.4 | 5.3            | 5.1 | 5.1 | 145                                 |
| 150                                                                                                                                                                                                                                                                                        |               |     |     | 5.5            | 5.4 | 5.4 | 5.2            | 5.1 | 5.1 | 5.6            | 5.4 | 5.4 | 5.2            | 5.1 | 5.1 | 5.5            | 5.3 | 5.3 | 5.2            | 5   | 5   | 150                                 |
| 155                                                                                                                                                                                                                                                                                        |               |     |     | 5.3            | 5.2 | 5.2 | 5              | 5   | 5   | 5.4            | 5.3 | 5.2 | 5              | 5   | 5   | 5.3            | 5.2 | 5.2 | 5              | 4.9 | 4.9 | 155                                 |
| 160                                                                                                                                                                                                                                                                                        |               |     |     | 5.1            | 5.1 | 5.1 | 4.8            | 4.8 | 4.9 | 5.3            | 5.1 | 5.1 | 4.9            | 4.9 | 4.8 | 5.2            | 5.1 | 5.1 | 4.9            | 4.8 | 4.8 | 160                                 |
| 165                                                                                                                                                                                                                                                                                        |               |     |     | 4.8            | 4.9 | 5   | 4.6            | 4.7 | 4.7 | 5.1            | 5   | 5   | 4.7            | 4.7 | 4.7 | 5              | 5   | 5   | 4.7            | 4.7 | 4.7 | 165                                 |
| 170                                                                                                                                                                                                                                                                                        |               |     |     | 4.6            | 4.7 | 4.8 | 4.3            | 4.5 | 4.5 | 4.9            | 4.9 | 4.9 | 4.5            | 4.6 | 4.6 | 4.9            | 4.8 | 4.9 | 4.5            | 4.6 | 4.6 | 170                                 |
| 175                                                                                                                                                                                                                                                                                        |               |     |     | 4.4            | 4.5 | 4.6 | 4.1            | 4.2 | 4.3 | 4.7            | 4.7 | 4.7 | 4.3            | 4.4 | 4.5 | 4.5            | 4.7 | 4.8 | 4.3            | 4.5 | 4.5 | 175                                 |
| 180                                                                                                                                                                                                                                                                                        |               |     |     | 4.2            | 4.3 | 4.4 | 3.9            | 4   | 4.1 | 4.5            | 4.5 | 4.6 | 4.1            | 4.2 | 4.4 | 4.1            | 4.5 | 4.7 | 3.9            | 4.2 | 4.3 | 180                                 |
| 185                                                                                                                                                                                                                                                                                        |               |     |     | 4              | 4.1 | 4.1 | 3.7            | 3.8 | 3.9 | 4.3            | 4.3 | 4.4 | 4              | 4   | 4.2 | 3.6            | 4   | 4.3 | 3.5            | 3.9 | 4.1 | 185                                 |
| 190                                                                                                                                                                                                                                                                                        |               |     |     | 3.8            | 3.9 | 3.9 | 3.5            | 3.6 | 3.6 | 4              | 4.1 | 4.2 | 3.8            | 3.9 | 3.9 | 3.2            | 3.6 | 3.9 | 3              | 3.5 | 3.7 | 190                                 |
| 195                                                                                                                                                                                                                                                                                        |               |     |     | 3.6            | 3.7 | 3.7 | 3.3            | 3.4 | 3.4 | 3.8            | 3.9 | 4   | 3.5            | 3.7 | 3.7 | 2.8            | 3.2 | 3.4 | 2.6            | 3   | 3.3 | 195                                 |
| 200                                                                                                                                                                                                                                                                                        |               |     |     | 3.4            | 3.5 |     | 3.1            | 3.2 | 3.2 | 3.4            | 3.6 | 3.7 | 3.2            | 3.5 | 3.5 | 2.4            | 2.8 | 3   | 2.2            | 2.6 | 2.8 | 200                                 |
| 205                                                                                                                                                                                                                                                                                        |               |     |     | 3.2            | 3.3 |     | 2.9            | 3   |     | 2.9            | 3.3 | 3.4 | 2.8            | 3.1 | 3.2 | 1.9            | 2.3 | 2.5 | 1.8            | 2.2 | 2.4 | 205                                 |
| 210                                                                                                                                                                                                                                                                                        |               |     |     | 3.1            | 3.1 |     | 2.7            | 2.8 |     | 2.5            | 2.8 |     | 2.4            | 2.7 | 2.9 |                | 1.9 | 2.1 |                | 1.8 | 2   | 210                                 |
| 215                                                                                                                                                                                                                                                                                        |               |     |     | 2.9            | 3   |     | 2.5            | 2.6 |     | 2.2            | 2.4 |     | 2              | 2.3 | 2.5 |                |     |     |                |     |     | 215                                 |
| 220                                                                                                                                                                                                                                                                                        |               |     |     | 2.6            | 2.7 |     | 2.3            | 2.4 |     | 1.8            | 2   |     |                |     | 1.9 |                |     |     |                |     |     | 220                                 |
| 225                                                                                                                                                                                                                                                                                        |               |     |     | 2.2            |     |     | 2              | 2.2 |     |                |     |     |                |     |     |                |     |     |                |     |     | 225                                 |
| 230                                                                                                                                                                                                                                                                                        |               |     |     |                |     |     |                | 1.9 |     |                |     |     |                |     |     |                |     |     |                |     |     | 230                                 |

† 205 51501 00 000 / 51531 00 000 / 51561 00 000

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# Lifting capacities Forces de levage

TVK

|                                                                                      |               |  42 – 194 ft |     |                |  46 ft |     |                |  62 ft |     |                |  |     |                |  360° |     |                |  92600 lbs |     |                |  85% |     |                                                                                        |  |  |
|--------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------|--|--|
|  ft | 42 ft + 46 ft |                                                                                               |     | 156 ft + 46 ft |                                                                                         |     | 166 ft + 46 ft |                                                                                         |     | 170 ft + 46 ft |                                                                                   |     | 180 ft + 46 ft |                                                                                        |     | 184 ft + 46 ft |                                                                                             |     | 194 ft + 46 ft |                                                                                       |     |  ft |  |  |
|                                                                                      | 62 ft         |                                                                                               |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                   |     | 62 ft          |                                                                                        |     | 62 ft          |                                                                                             |     | 62 ft          |                                                                                       |     |                                                                                        |  |  |
|                                                                                      | 0°            | 20°                                                                                           | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                               | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20°                                                                                   | 40° |                                                                                        |  |  |
| 17                                                                                   | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 17                                                                                     |  |  |
| 18                                                                                   | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 18                                                                                     |  |  |
| 19                                                                                   | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 19                                                                                     |  |  |
| 20                                                                                   | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 20                                                                                     |  |  |
| 22                                                                                   | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 22                                                                                     |  |  |
| 24                                                                                   | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 24                                                                                     |  |  |
| 26                                                                                   | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 26                                                                                     |  |  |
| 28                                                                                   | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 28                                                                                     |  |  |
| 30                                                                                   | 6.5           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 30                                                                                     |  |  |
| 32                                                                                   | 6.5           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 32                                                                                     |  |  |
| 34                                                                                   | 6.5           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 34                                                                                     |  |  |
| 36                                                                                   | 6.5           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 36                                                                                     |  |  |
| 38                                                                                   | 6.4           | 6.6                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 38                                                                                     |  |  |
| 40                                                                                   | 6.4           | 6.6                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 40                                                                                     |  |  |
| 45                                                                                   | 6.3           | 6.6                                                                                           |     | 6.6            |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 45                                                                                     |  |  |
| 50                                                                                   | 6.1           | 6.3                                                                                           |     | 6.6            |                                                                                         |     | 5.8            |                                                                                         |     | 5.9            |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 50                                                                                     |  |  |
| 55                                                                                   | 5.8           | 6                                                                                             | 5.9 | 6.6            |                                                                                         |     | 5.8            |                                                                                         |     | 5.9            |                                                                                   |     | 5.2            |                                                                                        |     | 5.2            |                                                                                             |     |                |                                                                                       |     | 55                                                                                     |  |  |
| 60                                                                                   | 5.5           | 5.7                                                                                           | 5.9 | 6.5            |                                                                                         |     | 5.7            |                                                                                         |     | 5.9            |                                                                                   |     | 5.1            |                                                                                        |     | 5.2            |                                                                                             |     | 4.5            |                                                                                       |     | 60                                                                                     |  |  |
| 65                                                                                   | 5.2           | 5.4                                                                                           | 5.6 | 6.5            |                                                                                         |     | 5.7            |                                                                                         |     | 5.8            |                                                                                   |     | 5.1            |                                                                                        |     | 5.1            |                                                                                             |     | 4.4            |                                                                                       |     | 65                                                                                     |  |  |
| 70                                                                                   | 4.9           | 5.1                                                                                           | 5.3 | 6.4            |                                                                                         |     | 5.7            |                                                                                         |     | 5.8            |                                                                                   |     | 5.1            |                                                                                        |     | 5.1            |                                                                                             |     | 4.4            |                                                                                       |     | 70                                                                                     |  |  |
| 75                                                                                   | 4.6           | 4.8                                                                                           | 5   | 6.4            | 6.5                                                                                     |     | 5.7            | 5.8                                                                                     |     | 5.7            | 5.9                                                                               |     | 5              |                                                                                        |     | 5.1            |                                                                                             |     | 4.4            |                                                                                       |     | 75                                                                                     |  |  |
| 80                                                                                   | 4.4           | 4.5                                                                                           | 4.7 | 6.3            | 6.3                                                                                     |     | 5.6            | 5.8                                                                                     |     | 5.7            | 5.9                                                                               |     | 5              | 5.2                                                                                    |     | 5              | 5.2                                                                                         |     | 4.4            |                                                                                       |     | 80                                                                                     |  |  |
| 85                                                                                   | 4.1           | 4.2                                                                                           | 4.5 | 6.3            | 6.2                                                                                     |     | 5.6            | 5.7                                                                                     |     | 5.7            | 5.8                                                                               |     | 5              | 5.1                                                                                    |     | 5              | 5.2                                                                                         |     | 4.4            | 4.5                                                                                   |     | 85                                                                                     |  |  |
| 90                                                                                   | 3.9           | 4                                                                                             | 4.2 | 6.2            | 6                                                                                       | 5.8 | 5.5            | 5.6                                                                                     |     | 5.7            | 5.7                                                                               |     | 5              | 5.1                                                                                    |     | 5              | 5.2                                                                                         |     | 4.3            | 4.5                                                                                   |     | 90                                                                                     |  |  |
| 95                                                                                   | 3.7           | 3.8                                                                                           | 4   | 6.1            | 5.8                                                                                     | 5.6 | 5.5            | 5.4                                                                                     | 5.3 | 5.6            | 5.6                                                                               | 5.4 | 5              | 5.1                                                                                    |     | 5              | 5.1                                                                                         |     | 4.3            | 4.5                                                                                   |     | 95                                                                                     |  |  |
| 100                                                                                  | 3.5           | 3.6                                                                                           | 3.8 | 5.9            | 5.6                                                                                     | 5.4 | 5.4            | 5.3                                                                                     | 5.1 | 5.6            | 5.4                                                                               | 5.3 | 4.9            | 5.1                                                                                    | 4.9 | 5              | 5.1                                                                                         | 5.1 | 4.3            | 4.5                                                                                   |     | 100                                                                                    |  |  |
| 105                                                                                  | 3.3           | 3.4                                                                                           | 3.6 | 5.7            | 5.4                                                                                     | 5.3 | 5.3            | 5.1                                                                                     | 5   | 5.5            | 5.3                                                                               | 5.2 | 4.9            | 4.9                                                                                    | 4.8 | 4.9            | 5                                                                                           | 5   | 4.3            | 4.5                                                                                   | 4.4 | 105                                                                                    |  |  |
| 110                                                                                  | 3.1           | 3.3                                                                                           | 3.4 | 5.5            | 5.3                                                                                     | 5.1 | 5.2            | 4.9                                                                                     | 4.8 | 5.4            | 5.1                                                                               | 5   | 4.9            | 4.8                                                                                    | 4.7 | 4.9            | 4.9                                                                                         | 4.9 | 4.3            | 4.4                                                                                   | 4.4 | 110                                                                                    |  |  |
| 115                                                                                  | 2.8           | 3.1                                                                                           | 3.2 | 5.3            | 5.1                                                                                     | 5   | 5              | 4.8                                                                                     | 4.7 | 5.2            | 5                                                                                 | 4.9 | 4.8            | 4.7                                                                                    | 4.6 | 4.8            | 4.8                                                                                         | 4.8 | 4.3            | 4.4                                                                                   | 4.4 | 115                                                                                    |  |  |
| 120                                                                                  | 2.5           | 2.9                                                                                           | 3.1 | 5.2            | 4.9                                                                                     | 4.8 | 4.8            | 4.6                                                                                     | 4.6 | 5.1            | 4.9                                                                               | 4.7 | 4.7            | 4.6                                                                                    | 4.5 | 4.7            | 4.7                                                                                         | 4.6 | 4.2            | 4.3                                                                                   | 4.3 | 120                                                                                    |  |  |
| 125                                                                                  | 2.5           | 2.6                                                                                           | 2.8 | 5              | 4.8                                                                                     | 4.7 | 4.7            | 4.5                                                                                     | 4.4 | 4.9            | 4.7                                                                               | 4.6 | 4.6            | 4.4                                                                                    | 4.3 | 4.7            | 4.6                                                                                         | 4.5 | 4.2            | 4.2                                                                                   | 4.2 | 125                                                                                    |  |  |
| 130                                                                                  | 2.5           | 2.5                                                                                           | 2.4 | 4.8            | 4.6                                                                                     | 4.5 | 4.5            | 4.4                                                                                     | 4.3 | 4.8            | 4.6                                                                               | 4.5 | 4.4            | 4.3                                                                                    | 4.2 | 4.6            | 4.5                                                                                         | 4.4 | 4.1            | 4.1                                                                                   | 4.1 | 130                                                                                    |  |  |
| 135                                                                                  | 2.5           | 2.5                                                                                           | 2.2 | 4.7            | 4.5                                                                                     | 4.4 | 4.4            | 4.2                                                                                     | 4.2 | 4.7            | 4.4                                                                               | 4.4 | 4.3            | 4.2                                                                                    | 4.1 | 4.5            | 4.3                                                                                         | 4.3 | 4.1            | 4                                                                                     | 4   | 135                                                                                    |  |  |
| 140                                                                                  | 2.5           | 2.5                                                                                           |     | 4.5            | 4.3                                                                                     | 4.3 | 4.3            | 4.1                                                                                     | 4.1 | 4.5            | 4.3                                                                               | 4.3 | 4.2            | 4.1                                                                                    | 4   | 4.4            | 4.2                                                                                         | 4.2 | 4              | 3.9                                                                                   | 3.9 | 140                                                                                    |  |  |
| 145                                                                                  |               |                                                                                               |     | 4.4            | 4.2                                                                                     | 4.2 | 4.2            | 4                                                                                       | 3.9 | 4.4            | 4.2                                                                               | 4.1 | 4.1            | 3.9                                                                                    | 3.9 | 4.3            | 4.1                                                                                         | 4.1 | 3.9            | 3.8                                                                                   | 3.8 | 145                                                                                    |  |  |
| 150                                                                                  |               |                                                                                               |     | 4.3            | 4.1                                                                                     | 4   | 4              | 3.9                                                                                     | 3.8 | 4.2            | 4.1                                                                               | 4   | 4              | 3.8                                                                                    | 3.8 | 4.2            | 4                                                                                           | 4   | 3.9            | 3.7                                                                                   | 3.7 | 150                                                                                    |  |  |
| 155                                                                                  |               |                                                                                               |     | 4.1            | 4                                                                                       | 3.9 | 3.9            | 3.7                                                                                     | 3.7 | 4.1            | 4                                                                                 | 3.9 | 3.9            | 3.7                                                                                    | 3.7 | 4.1            | 3.9                                                                                         | 3.9 | 3.8            | 3.6                                                                                   | 3.6 | 155                                                                                    |  |  |
| 160                                                                                  |               |                                                                                               |     | 4              | 3.8                                                                                     | 3.8 | 3.8            | 3.6                                                                                     | 3.6 | 4              | 3.9                                                                               | 3.8 | 3.8            | 3.6                                                                                    | 3.6 | 3.9            | 3.8                                                                                         | 3.8 | 3.7            | 3.6                                                                                   | 3.6 | 160                                                                                    |  |  |
| 165                                                                                  |               |                                                                                               |     | 3.9            | 3.7                                                                                     | 3.7 | 3.7            | 3.5                                                                                     | 3.5 | 3.9            | 3.8                                                                               | 3.7 | 3.7            | 3.5                                                                                    | 3.6 | 3.8            | 3.7                                                                                         | 3.7 | 3.6            | 3.5                                                                                   | 3.5 | 165                                                                                    |  |  |
| 170                                                                                  |               |                                                                                               |     | 3.7            | 3.6                                                                                     | 3.6 | 3.6            | 3.5                                                                                     | 3.5 | 3.8            | 3.7                                                                               | 3.6 | 3.6            | 3.4                                                                                    | 3.5 | 3.7            | 3.6                                                                                         | 3.6 | 3.5            | 3.4                                                                                   | 3.4 | 170                                                                                    |  |  |
| 175                                                                                  |               |                                                                                               |     | 3.6            | 3.5                                                                                     | 3.5 | 3.5            | 3.3                                                                                     | 3.4 | 3.7            | 3.6                                                                               | 3.5 | 3.5            | 3.4                                                                                    | 3.4 | 3.6            | 3.5                                                                                         | 3.5 | 3.4            | 3.3                                                                                   | 3.3 | 175                                                                                    |  |  |
| 180                                                                                  |               |                                                                                               |     | 3.5            | 3.4                                                                                     | 3.4 | 3.3            | 3.3                                                                                     | 3.3 | 3.6            | 3.5                                                                               | 3.5 | 3.4            | 3.3                                                                                    | 3.3 | 3.6            | 3.4                                                                                         | 3.4 | 3.3            | 3.2                                                                                   | 3.2 | 180                                                                                    |  |  |
| 185                                                                                  |               |                                                                                               |     | 3.4            | 3.3                                                                                     | 3.4 | 3.2            | 3.2                                                                                     | 3.2 | 3.5            | 3.4                                                                               | 3.4 | 3.3            | 3.2                                                                                    | 3.2 | 3.5            | 3.3                                                                                         | 3.4 | 3.2            | 3.2                                                                                   | 3.2 | 185                                                                                    |  |  |
| 190                                                                                  |               |                                                                                               |     | 3.3            | 3.3                                                                                     | 3.3 | 3              | 3.1                                                                                     | 3.1 | 3.4            | 3.3                                                                               | 3.3 | 3.2            | 3.1                                                                                    | 3.1 | 3.3            | 3.3                                                                                         | 3.3 | 3              | 3.1                                                                                   | 3.1 | 190                                                                                    |  |  |
| 195                                                                                  |               |                                                                                               |     | 3.2            | 3.2                                                                                     | 3.2 | 2.9            | 3                                                                                       | 3.1 | 3.3            | 3.2                                                                               | 3.2 | 3.1            | 3.1                                                                                    | 3.1 | 3              | 3.2                                                                                         | 3.2 | 2.8            | 3                                                                                     | 3   | 195                                                                                    |  |  |
| 200                                                                                  |               |                                                                                               |     | 3.1            | 3.1                                                                                     | 3.1 | 2.7            | 2.9                                                                                     | 3   | 3.2            | 3.1                                                                               | 3.2 | 2.9            | 3                                                                                      | 3   | 2.6            | 3.1                                                                                         | 3.2 | 2.4            | 2.9                                                                                   | 3   | 200                                                                                    |  |  |
| 205                                                                                  |               |                                                                                               |     | 2.9            | 3                                                                                       | 3.1 | 2.5            | 2.7                                                                                     | 2.9 | 3.1            | 3                                                                                 | 3.1 | 2.8            | 2.9                                                                                    | 2.9 | 2.2            | 2.9                                                                                         | 3.1 | 2              | 2.7                                                                                   | 2.9 | 205                                                                                    |  |  |
| 210                                                                                  |               |                                                                                               |     | 2.8            | 2.9                                                                                     | 3   | 2.4            | 2.6                                                                                     | 2.8 | 2.8            | 3                                                                                 | 3   | 2.6            | 2.8                                                                                    | 2.8 | 1.9            | 2.5                                                                                         | 3   |                | 2.4                                                                                   | 2.8 | 210                                                                                    |  |  |
| 215                                                                                  |               |                                                                                               |     | 2.6            | 2.7                                                                                     | 2.8 | 2.2            | 2.4                                                                                     | 2.6 | 2.5            | 2.9                                                                               | 2.9 | 2.4            | 2.6                                                                                    | 2.8 |                | 2.2                                                                                         | 2.6 |                | 2                                                                                     | 2.5 | 215                                                                                    |  |  |
| 220                                                                                  |               |                                                                                               |     | 2.4            | 2.5                                                                                     | 2.6 | 2              | 2.2                                                                                     | 2.3 | 2.2            | 2.7                                                                               | 2.8 | 2.1            | 2.5                                                                                    | 2.6 |                | 1.8                                                                                         | 2.2 |                |                                                                                       | 2.1 | 220                                                                                    |  |  |
| 225                                                                                  |               |                                                                                               |     | 2.3            | 2.4                                                                                     |     | 1.8            | 2                                                                                       | 2.1 | 1.9            | 2.4                                                                               | 2.6 |                | 2.3                                                                                    | 2.4 |                |                                                                                             | 1.8 |                |                                                                                       |     | 225                                                                                    |  |  |
| 230                                                                                  |               |                                                                                               |     | 2.1            | 2.2                                                                                     |     |                | 1.8                                                                                     | 1.9 |                | 2                                                                                 | 2.2 |                | 1.9                                                                                    | 2.2 |                |                                                                                             |     |                |                                                                                       |     | 230                                                                                    |  |  |
| 235                                                                                  |               |                                                                                               |     | 2              | 2.1                                                                                     |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        | 1.8 |                |                                                                                             |     |                |                                                                                       |     | 235                                                                                    |  |  |
| 240                                                                                  |               |                                                                                               |     |                | 1.9                                                                                     |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     | 240                                                                                    |  |  |

t\_205\_51601\_00\_000 / 51631\_00\_000 / 51661\_00\_000



# Lifting capacities Forces de levage

TVK

|                                                                                      |               |  42 – 194 ft |     |                |  46 ft |     |                |  35 ft |     |                |  360° |     |                |  14600 lbs |     |                | 85% |     |                |     |     |                                                                                        |
|--------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|-----|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|
|  ft | 42 ft + 46 ft |                                                                                               |     | 156 ft + 46 ft |                                                                                         |     | 166 ft + 46 ft |                                                                                         |     | 170 ft + 46 ft |                                                                                        |     | 180 ft + 46 ft |                                                                                             |     | 184 ft + 46 ft |     |     | 194 ft + 46 ft |     |     |  ft |
|                                                                                      | 35 ft         |                                                                                               |     | 35 ft          |                                                                                         |     | 35 ft          |                                                                                         |     | 35 ft          |                                                                                        |     | 35 ft          |                                                                                             |     | 35 ft          |     |     | 35 ft          |     |     |                                                                                        |
|                                                                                      | 0°            | 20°                                                                                           | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                                                                        |
| 14                                                                                   | 8.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 14                                                                                     |
| 15                                                                                   | 8.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 15                                                                                     |
| 16                                                                                   | 8.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 16                                                                                     |
| 17                                                                                   | 8.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 17                                                                                     |
| 18                                                                                   | 8.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 18                                                                                     |
| 19                                                                                   | 8.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 19                                                                                     |
| 20                                                                                   | 8.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 20                                                                                     |
| 22                                                                                   | 8.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 22                                                                                     |
| 24                                                                                   | 8.8           | 8.9                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 24                                                                                     |
| 26                                                                                   | 8.7           | 8.9                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 26                                                                                     |
| 28                                                                                   | 8.6           | 8.9                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 28                                                                                     |
| 30                                                                                   | 8.6           | 8.8                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 30                                                                                     |
| 32                                                                                   | 8.5           | 8.7                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 32                                                                                     |
| 34                                                                                   | 8.3           | 8.5                                                                                           | 8.3 |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 34                                                                                     |
| 36                                                                                   | 8.1           | 8.3                                                                                           | 8.3 |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 36                                                                                     |
| 38                                                                                   | 7.9           | 8.1                                                                                           | 8.2 |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 38                                                                                     |
| 40                                                                                   | 7.7           | 7.9                                                                                           | 8.1 | 8.9            |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 40                                                                                     |
| 45                                                                                   | 7.2           | 7.3                                                                                           | 7.5 | 8.9            |                                                                                         |     | 7.8            |                                                                                         |     | 8              |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 45                                                                                     |
| 50                                                                                   | 6.8           | 6.9                                                                                           | 7   | 8.8            |                                                                                         |     | 7.8            |                                                                                         |     | 7.9            |                                                                                        |     | 6.9            |                                                                                             |     | 6.9            |     |     | 6              |     |     | 50                                                                                     |
| 55                                                                                   | 6.3           | 6.4                                                                                           | 6.6 | 8.8            | 8.8                                                                                     |     | 7.7            |                                                                                         |     | 7.9            |                                                                                        |     | 6.9            |                                                                                             |     | 6.9            |     |     | 6              |     |     | 55                                                                                     |
| 60                                                                                   | 5.9           | 6                                                                                             | 6.2 | 8.7            | 8.6                                                                                     |     | 7.7            | 7.8                                                                                     |     | 7.8            | 7.9                                                                                    |     | 6.9            | 7                                                                                           |     | 6.9            |     |     | 6              |     |     | 60                                                                                     |
| 65                                                                                   | 5.6           | 5.7                                                                                           | 5.8 | 8.6            | 8.4                                                                                     | 8.1 | 7.6            | 7.7                                                                                     |     | 7.8            | 7.9                                                                                    |     | 6.8            | 6.9                                                                                         |     | 6.9            | 6.9 |     | 6              | 6   |     | 65                                                                                     |
| 70                                                                                   | 5.3           | 5.3                                                                                           | 5.5 | 8.4            | 8.1                                                                                     | 7.9 | 7.6            | 7.5                                                                                     | 7.3 | 7.7            | 7.7                                                                                    | 7.6 | 6.8            | 6.9                                                                                         |     | 6.8            | 6.9 |     | 6              | 6   |     | 70                                                                                     |
| 75                                                                                   | 5             | 5                                                                                             | 5.1 | 8.1            | 7.8                                                                                     | 7.6 | 7.4            | 7.2                                                                                     | 7.1 | 7.3            | 7.6                                                                                    | 7.4 | 6.7            | 6.9                                                                                         | 6.8 | 5.9            | 6.9 | 6.9 | 5.5            | 6   |     | 75                                                                                     |
| 80                                                                                   | 4.6           | 4.8                                                                                           | 4.9 | 7.2            | 7.6                                                                                     | 7.3 | 6.9            | 7                                                                                       | 6.9 | 6.2            | 7.3                                                                                    | 7.2 | 5.8            | 6.7                                                                                         | 6.6 | 4.8            | 6.2 | 6.8 | 4.4            | 5.8 | 6   | 80                                                                                     |
| 85                                                                                   | 4.2           | 4.5                                                                                           | 4.6 | 6.2            | 7.2                                                                                     | 7.1 | 5.9            | 6.7                                                                                     | 6.7 | 5.2            | 6.4                                                                                    | 6.9 | 4.8            | 5.9                                                                                         | 6.5 | 3.8            | 5.1 | 6.2 | 3.4            | 4.7 | 5.7 | 85                                                                                     |
| 90                                                                                   | 3.8           | 4.1                                                                                           | 4.3 | 5.2            | 6.3                                                                                     | 6.9 | 4.9            | 6                                                                                       | 6.5 | 4.2            | 5.4                                                                                    | 6.3 | 3.9            | 5                                                                                           | 5.9 | 2.7            | 4.2 | 5.2 |                | 3.8 | 4.8 | 90                                                                                     |
| 95                                                                                   | 3.4           | 3.7                                                                                           | 3.9 | 4.3            | 5.4                                                                                     | 6.2 | 4              | 5.1                                                                                     | 6   | 3.3            | 4.4                                                                                    | 5.4 | 2.9            | 4.2                                                                                         | 5   |                | 3.2 | 4.3 |                | 2.9 | 3.9 | 95                                                                                     |
| 100                                                                                  | 3.1           | 3.3                                                                                           | 3.5 | 3.5            | 4.5                                                                                     | 5.3 | 3.2            | 4.2                                                                                     | 5.1 | 2.3            | 3.6                                                                                    | 4.5 |                | 3.3                                                                                         | 4.2 |                | 2.2 | 3.4 |                |     | 3.1 | 100                                                                                    |
| 105                                                                                  | 2.8           | 3                                                                                             | 3   | 2.7            | 3.7                                                                                     | 4.5 | 2.3            | 3.4                                                                                     | 4.2 |                | 2.7                                                                                    | 3.6 |                | 2.4                                                                                         | 3.4 |                |     | 2.4 |                |     |     | 105                                                                                    |
| 110                                                                                  | 2.6           | 2.6                                                                                           | 3   | 1.8            | 2.9                                                                                     | 3.7 |                | 2.6                                                                                     | 3.4 |                | 1.8                                                                                    | 2.8 |                |                                                                                             | 2.5 |                |     |     |                |     |     | 110                                                                                    |
| 115                                                                                  | 2.4           |                                                                                               |     |                | 2.1                                                                                     | 2.9 |                | 1.8                                                                                     | 2.7 |                |                                                                                        | 1.9 |                |                                                                                             |     |                |     |     |                |     |     | 115                                                                                    |
| 120                                                                                  |               |                                                                                               |     |                |                                                                                         | 2.2 |                |                                                                                         | 1.9 |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 120                                                                                    |

+ 205.01519.00.000 / 01549.00.000 / 01579.00.000

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# Lifting capacities Forces de levage

TVK

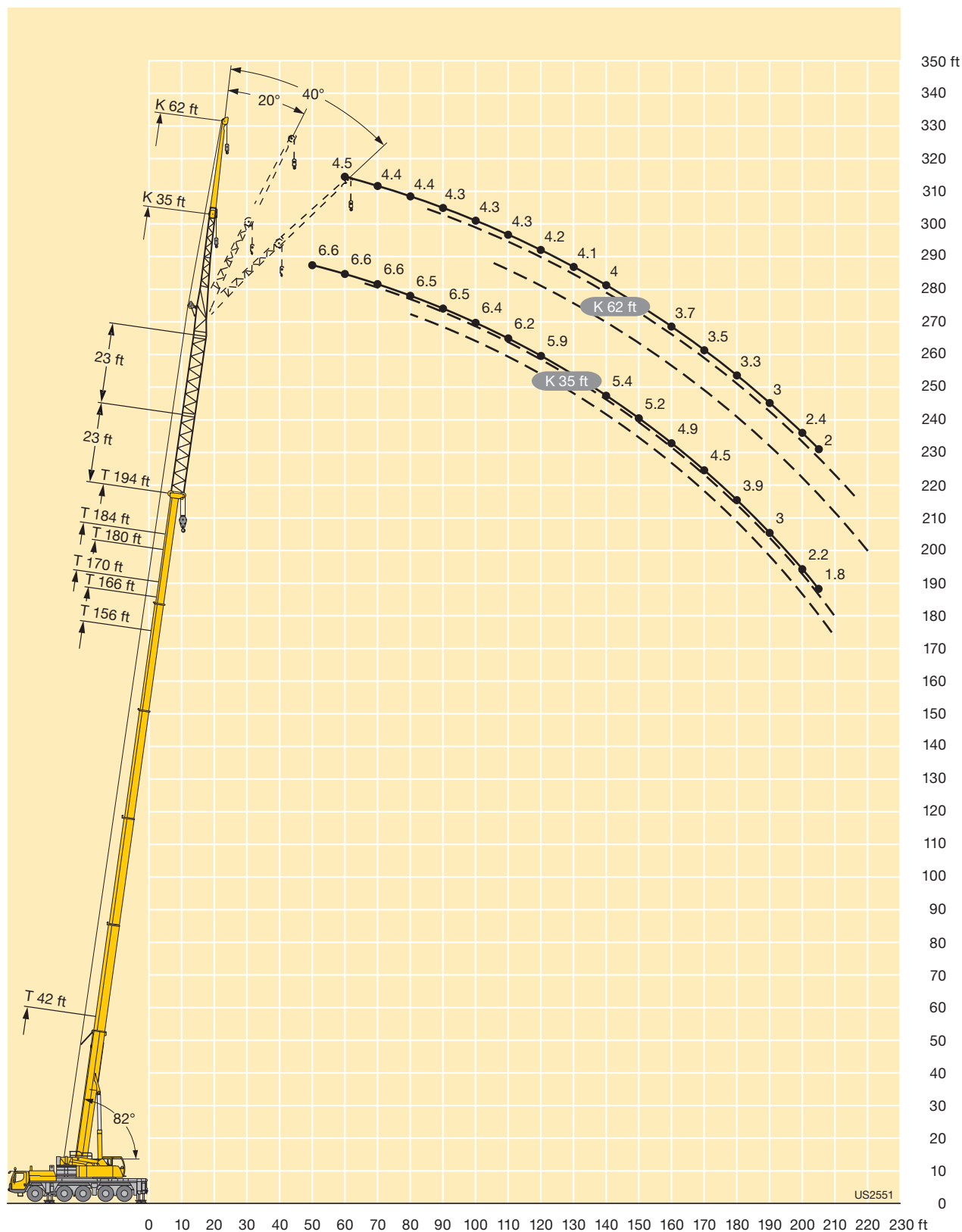
|                                                                                      |               |  42 – 194 ft |     |                |  46 ft |     |                |  62 ft |     |                |  360° |     |                |  14600 lbs |     |                | 85% |     |                |     |     |                                                                                        |     |
|--------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|-----|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|-----|
|  ft | 42 ft + 46 ft |                                                                                               |     | 156 ft + 46 ft |                                                                                         |     | 166 ft + 46 ft |                                                                                         |     | 170 ft + 46 ft |                                                                                        |     | 180 ft + 46 ft |                                                                                             |     | 184 ft + 46 ft |     |     | 194 ft + 46 ft |     |     |  ft |     |
|                                                                                      | 62 ft         |                                                                                               |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                        |     | 62 ft          |                                                                                             |     | 62 ft          |     |     | 62 ft          |     |     |                                                                                        |     |
|                                                                                      | 0°            | 20°                                                                                           | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                                                                        |     |
| 17                                                                                   | 6             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 17                                                                                     |     |
| 18                                                                                   | 6             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 18                                                                                     |     |
| 19                                                                                   | 6             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 19                                                                                     |     |
| 20                                                                                   | 6             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 20                                                                                     |     |
| 22                                                                                   | 6             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 22                                                                                     |     |
| 24                                                                                   | 6             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 24                                                                                     |     |
| 26                                                                                   | 6             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 26                                                                                     |     |
| 28                                                                                   | 6             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 28                                                                                     |     |
| 30                                                                                   | 5.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 30                                                                                     |     |
| 32                                                                                   | 5.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 32                                                                                     |     |
| 34                                                                                   | 5.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 34                                                                                     |     |
| 36                                                                                   | 5.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 36                                                                                     |     |
| 38                                                                                   | 5.8           | 6                                                                                             |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 38                                                                                     |     |
| 40                                                                                   | 5.8           | 6                                                                                             |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 40                                                                                     |     |
| 45                                                                                   | 5.6           | 6                                                                                             |     |                | 6                                                                                       |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 45                                                                                     |     |
| 50                                                                                   | 5.5           | 5.8                                                                                           |     |                | 6                                                                                       |     |                | 5.3                                                                                     |     |                | 5.4                                                                                    |     |                |                                                                                             |     |                |     |     |                |     |     | 50                                                                                     |     |
| 55                                                                                   | 5.3           | 5.5                                                                                           | 5.4 |                | 6                                                                                       |     |                | 5.3                                                                                     |     |                | 5.4                                                                                    |     |                | 4.6                                                                                         |     |                | 4.7 |     |                |     |     | 55                                                                                     |     |
| 60                                                                                   | 5             | 5.2                                                                                           | 5.4 |                | 5.9                                                                                     |     |                | 5.2                                                                                     |     |                | 5.3                                                                                    |     |                | 4.6                                                                                         |     |                | 4.7 |     |                | 4   |     | 60                                                                                     |     |
| 65                                                                                   | 4.7           | 4.9                                                                                           | 5.1 |                | 5.9                                                                                     |     |                | 5.2                                                                                     |     |                | 5.3                                                                                    |     |                | 4.6                                                                                         |     |                | 4.7 |     |                | 4   |     | 65                                                                                     |     |
| 70                                                                                   | 4.4           | 4.6                                                                                           | 4.8 |                | 5.9                                                                                     |     |                | 5.2                                                                                     |     |                | 5.3                                                                                    |     |                | 4.6                                                                                         |     |                | 4.6 |     |                | 4   |     | 70                                                                                     |     |
| 75                                                                                   | 4.2           | 4.3                                                                                           | 4.5 |                | 5.8                                                                                     | 5.9 |                | 5.2                                                                                     | 5.3 |                | 5.2                                                                                    | 5.4 |                | 4.6                                                                                         |     |                | 4.6 |     |                | 4   |     | 75                                                                                     |     |
| 80                                                                                   | 4             | 4.1                                                                                           | 4.3 |                | 5.8                                                                                     | 5.7 |                | 5.1                                                                                     | 5.2 |                | 5.2                                                                                    | 5.4 |                | 4.6                                                                                         | 4.7 |                | 4.5 | 4.7 |                | 4   |     | 80                                                                                     |     |
| 85                                                                                   | 3.7           | 3.9                                                                                           | 4.1 |                | 5.6                                                                                     | 5.6 |                | 5.1                                                                                     | 5.2 |                | 5                                                                                      | 5.3 |                | 4.4                                                                                         | 4.7 |                | 3.8 | 4.7 |                | 3.4 | 4.1 |                                                                                        | 85  |
| 90                                                                                   | 3.5           | 3.7                                                                                           | 3.8 |                | 5.2                                                                                     | 5.4 | 5.3            | 4.7                                                                                     | 5.1 |                | 4.3                                                                                    | 5.2 |                | 3.8                                                                                         | 4.7 |                | 2.9 | 4.7 |                |     | 4.1 |                                                                                        | 90  |
| 95                                                                                   | 3.3           | 3.5                                                                                           | 3.6 |                | 4.5                                                                                     | 5.3 | 5.1            | 4.1                                                                                     | 4.9 | 4.8            | 3.5                                                                                    | 5.1 | 4.9            | 3                                                                                           | 4.7 |                |     | 4.2 |                |     | 3.9 |                                                                                        | 95  |
| 100                                                                                  | 3.2           | 3.3                                                                                           | 3.4 |                | 3.7                                                                                     | 5.1 | 4.9            | 3.4                                                                                     | 4.8 | 4.7            | 2.6                                                                                    | 4.5 | 4.8            | 2.1                                                                                         | 4.1 | 4.5            |     | 3.5 | 4.6            |     | 3.1 |                                                                                        | 100 |
| 105                                                                                  | 3             | 3.1                                                                                           | 3.2 |                | 3                                                                                       | 4.6 | 4.8            | 2.6                                                                                     | 4.3 | 4.5            |                                                                                        | 3.8 | 4.7            |                                                                                             | 3.4 | 4.4            |     | 2.7 | 4.2            |     |     | 3.9                                                                                    | 105 |
| 110                                                                                  | 2.8           | 3                                                                                             | 3.1 |                | 2.2                                                                                     | 4   | 4.7            |                                                                                         | 3.7 | 4.4            |                                                                                        | 3.1 | 4.4            |                                                                                             | 2.8 | 4.1            |     | 1.8 | 3.5            |     |     | 3.2                                                                                    | 110 |
| 115                                                                                  | 2.5           | 2.8                                                                                           | 2.9 |                |                                                                                         | 3.3 | 4.5            |                                                                                         | 3   | 4.2            |                                                                                        | 2.4 | 3.8            |                                                                                             | 2   | 3.5            |     |     | 2.8            |     |     | 2.5                                                                                    | 115 |
| 120                                                                                  | 2.2           | 2.6                                                                                           | 2.8 |                |                                                                                         | 2.6 | 3.9            |                                                                                         | 2.3 | 3.6            |                                                                                        |     | 3.1            |                                                                                             |     | 2.8            |     |     | 2.1            |     |     |                                                                                        | 120 |
| 125                                                                                  | 2.2           | 2.3                                                                                           | 2.5 |                |                                                                                         | 1.9 | 3.2            |                                                                                         |     | 2.9            |                                                                                        |     | 2.4            |                                                                                             |     | 2.1            |     |     |                |     |     |                                                                                        | 125 |
| 130                                                                                  | 2.2           | 2.2                                                                                           | 2.1 |                |                                                                                         |     | 2.6            |                                                                                         |     | 2.3            |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     |                                                                                        | 130 |
| 135                                                                                  | 2.2           | 2.2                                                                                           | 1.9 |                |                                                                                         |     | 1.8            |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     |                                                                                        | 135 |
| 140                                                                                  | 2.2           | 2.2                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     |                                                                                        | 140 |

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# Lifting heights Hauteurs de levage

**TVK**



# Lifting capacities Forces de levage

**TNZK**



|  | 42 ft |      |      | 99 ft |      |      | 113 ft |      |      | 127 ft |      |      | 141 ft |      |      | 156 ft |      |      |  |
|-----------------------------------------------------------------------------------|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------------------------------------------------------|
|                                                                                   | 35 ft |      |      | 35 ft |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      |                                                                                     |
|                                                                                   | 0°    | 20°  | 40°  | 0°    | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                                                                     |
| 14                                                                                | 38.7  |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 14                                                                                  |
| 15                                                                                | 38.7  |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 15                                                                                  |
| 16                                                                                | 38.7  | 37.6 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 16                                                                                  |
| 17                                                                                | 38.7  | 37.6 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 17                                                                                  |
| 18                                                                                | 38.6  | 37.4 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      |      | 18                                                                                  |
| 19                                                                                | 38.3  | 36.8 |      | 38.7  |      |      | 38.7   |      |      |        |      |      |        |      |      |        |      |      | 19                                                                                  |
| 20                                                                                | 37.6  | 36   |      | 38.7  |      |      | 38.7   |      |      |        |      |      |        |      |      |        |      |      | 20                                                                                  |
| 22                                                                                | 36.3  | 34.5 |      | 38.7  |      |      | 38.7   |      |      | 37.2   |      |      |        |      |      |        |      |      | 22                                                                                  |
| 24                                                                                | 34.9  | 33.1 |      | 38.7  |      |      | 38.7   |      |      | 37     |      |      |        |      |      |        |      |      | 24                                                                                  |
| 26                                                                                | 33.5  | 31.8 | 25.9 | 38.7  |      |      | 38.7   |      |      | 36.8   |      |      | 31.8   |      |      |        |      |      | 26                                                                                  |
| 28                                                                                | 32    | 30.6 | 25.3 | 38.7  | 33   |      | 38.7   |      |      | 36.6   |      |      | 31.7   |      |      |        |      |      | 28                                                                                  |
| 30                                                                                | 30.5  | 29.5 | 24.6 | 38.7  | 32.2 |      | 38.7   | 31.9 |      | 36.1   |      |      | 31.6   |      |      | 26.5   |      |      | 30                                                                                  |
| 32                                                                                | 29    | 28.4 | 23.9 | 38.7  | 31.4 |      | 38.7   | 31.3 |      | 35.7   |      |      | 31.3   |      |      | 26.5   |      |      | 32                                                                                  |
| 34                                                                                | 27.6  | 27.4 | 23.3 | 38.7  | 30.7 |      | 38.4   | 30.7 |      | 35.2   | 29.7 |      | 31.1   |      |      | 26.4   |      |      | 34                                                                                  |
| 36                                                                                | 26.1  | 26.5 | 22.7 | 38.6  | 30   | 24   | 37.8   | 30.1 |      | 34.7   | 29.3 |      | 30.7   |      |      | 26.3   |      |      | 36                                                                                  |
| 38                                                                                | 24.6  | 25.6 | 22.2 | 38.3  | 29.3 | 23.7 | 37.1   | 29.4 |      | 34.2   | 28.7 |      | 30.4   | 27.2 |      | 26.1   |      |      | 38                                                                                  |
| 40                                                                                | 23.4  | 24.5 | 21.6 | 37.5  | 28.7 | 23.3 | 36.4   | 28.9 | 23.3 | 33.7   | 28.2 |      | 30.1   | 26.9 |      | 25.9   |      |      | 40                                                                                  |
| 45                                                                                | 20.7  | 21.4 | 20   | 35.6  | 27.3 | 22.5 | 34.8   | 27.6 | 22.6 | 32.6   | 27.1 | 22.4 | 29.3   | 25.9 |      | 25.5   | 24   |      | 45                                                                                  |
| 50                                                                                | 18.6  | 19.2 | 18.3 | 33.6  | 26   | 21.8 | 33.3   | 26.4 | 21.9 | 31.4   | 26   | 21.7 | 28.6   | 25   | 21.3 | 25     | 23.3 |      | 50                                                                                  |
| 55                                                                                | 16.7  | 18   | 17.5 | 31.4  | 24.8 | 21.1 | 31.9   | 25.3 | 21.2 | 30.4   | 25.1 | 21.1 | 27.8   | 24.2 | 20.7 | 24.5   | 22.7 | 20   | 55                                                                                  |
| 60                                                                                | 15.3  | 17.1 | 16.9 | 29.3  | 23.8 | 20.5 | 30.4   | 24.3 | 20.7 | 29.3   | 24.2 | 20.6 | 27     | 23.4 | 20.2 | 24     | 22.1 | 19.6 | 60                                                                                  |
| 65                                                                                | 14    | 16.4 | 6.3  | 27.2  | 22.9 | 19.9 | 28.8   | 23.4 | 20.2 | 28.3   | 23.3 | 20.1 | 26.3   | 22.8 | 19.8 | 23.5   | 21.6 | 19.2 | 65                                                                                  |
| 70                                                                                |       |      |      | 25.1  | 22   | 19.5 | 27.2   | 22.5 | 19.7 | 27.2   | 22.6 | 19.7 | 25.6   | 22.1 | 19.4 | 22.7   | 21   | 18.8 | 70                                                                                  |
| 75                                                                                |       |      |      | 23.3  | 21.1 | 19   | 25.5   | 21.8 | 19.3 | 26.2   | 21.9 | 19.3 | 24.7   | 21.4 | 19   | 21.8   | 20.5 | 18.5 | 75                                                                                  |
| 80                                                                                |       |      |      | 21.7  | 20.3 | 18.6 | 23.8   | 21.1 | 18.9 | 25     | 21.2 | 18.9 | 23.5   | 20.9 | 18.7 | 20.9   | 20.1 | 18.2 | 80                                                                                  |
| 85                                                                                |       |      |      | 20.3  | 19.5 | 18.1 | 22.3   | 20.4 | 18.5 | 23.7   | 20.6 | 18.6 | 22.4   | 20.3 | 18.4 | 20     | 19.4 | 18   | 85                                                                                  |
| 90                                                                                |       |      |      | 19.1  | 18.8 | 17.7 | 21     | 19.7 | 18.1 | 22.3   | 20   | 18.3 | 21.2   | 19.8 | 18.1 | 18.8   | 18.6 | 17.7 | 90                                                                                  |
| 95                                                                                |       |      |      | 18    | 18.2 | 17.3 | 19.9   | 19   | 17.8 | 21.1   | 19.5 | 18   | 20.1   | 19.3 | 17.9 | 17.7   | 17.7 | 17.3 | 95                                                                                  |
| 100                                                                               |       |      |      | 17    | 17.6 | 17.1 | 18.8   | 18.5 | 17.4 | 19.9   | 18.9 | 17.7 | 18.8   | 18.8 | 17.6 | 16.8   | 16.8 | 16.9 | 100                                                                                 |
| 105                                                                               |       |      |      | 16.1  | 17.1 | 16.9 | 17.8   | 17.9 | 17.2 | 18.8   | 18.4 | 17.4 | 17.3   | 17.9 | 17.3 | 15.9   | 15.9 | 16.1 | 105                                                                                 |
| 110                                                                               |       |      |      | 15.3  | 16.7 | 13.9 | 16.9   | 17.4 | 16.9 | 17.6   | 17.8 | 17.1 | 15.9   | 16.8 | 16.9 | 15     | 15.1 | 15.3 | 110                                                                                 |
| 115                                                                               |       |      |      | 14.5  | 16.4 |      | 16.1   | 16.9 | 16.8 | 16.3   | 16.9 | 16.7 | 14.7   | 15.4 | 16   | 14.1   | 14.3 | 14.5 | 115                                                                                 |
| 120                                                                               |       |      |      | 13.9  | 16.3 |      | 15.4   | 16.1 | 16.2 | 15     | 15.7 | 16   | 13.9   | 14.2 | 14.7 | 13     | 13.5 | 13.7 | 120                                                                                 |
| 125                                                                               |       |      |      | 12.5  |      |      | 14.4   | 14.8 |      | 13.8   | 14.4 | 14.6 | 13.2   | 13.2 | 13.5 | 12     | 12.7 | 13   | 125                                                                                 |
| 130                                                                               |       |      |      |       |      |      | 13.5   | 13.7 |      | 12.6   | 13.1 | 13.4 | 12.4   | 12.6 | 12.6 | 11     | 11.7 | 12.1 | 130                                                                                 |
| 135                                                                               |       |      |      |       |      |      | 12.5   | 12.7 |      | 11.6   | 12   |      | 11.4   | 12   | 12.1 | 10.4   | 10.7 | 11.2 | 135                                                                                 |
| 140                                                                               |       |      |      |       |      |      | 8.1    |      |      | 10.6   | 11   |      | 10.4   | 11   | 11.2 | 10     | 10   | 10.2 | 140                                                                                 |
| 145                                                                               |       |      |      |       |      |      |        |      |      | 9.7    | 10   |      | 9.5    | 10   | 10.2 | 9.5    | 9.6  | 9.7  | 145                                                                                 |
| 150                                                                               |       |      |      |       |      |      |        |      |      | 8.8    | 9.1  |      | 8.7    | 9.1  |      | 8.9    | 9.1  | 9.2  | 150                                                                                 |
| 155                                                                               |       |      |      |       |      |      |        |      |      |        |      |      | 8.2    | 8.3  |      | 8.1    | 8.5  | 8.7  | 155                                                                                 |
| 160                                                                               |       |      |      |       |      |      |        |      |      |        |      |      | 7.9    | 8    |      | 7.4    | 7.7  |      | 160                                                                                 |
| 165                                                                               |       |      |      |       |      |      |        |      |      |        |      |      | 7.7    | 7.8  |      | 6.9    | 7    |      | 165                                                                                 |
| 170                                                                               |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      | 6.6    | 6.7  |      | 170                                                                                 |
| 175                                                                               |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      | 6.4    | 6.4  |      | 175                                                                                 |
| 180                                                                               |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      | 6      |      |      | 180                                                                                 |

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# Lifting capacities Forces de levage

**TNZK**

| <div><div><div><div>42 – 197 ft</div><div>T</div></div><div><div>35 ft</div><div>NZK</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>92600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div></div> |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                              | 166 ft |      |      | 170 ft |      |      | 180 ft |      |      | 184 ft |      |      | 197 ft |      |      | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                                  | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      |                                     |
|                                                                                                                                                                                                                                                                  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                     |
| 32                                                                                                                                                                                                                                                               | 18.4   |      |      | 19.5   |      |      |        |      |      |        |      |      |        |      |      | 32                                  |
| 34                                                                                                                                                                                                                                                               | 18.4   |      |      | 19.5   |      |      |        |      |      |        |      |      |        |      |      | 34                                  |
| 36                                                                                                                                                                                                                                                               | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      | 16.5   |      |      |        |      |      | 36                                  |
| 38                                                                                                                                                                                                                                                               | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      | 16.5   |      |      |        |      |      | 38                                  |
| 40                                                                                                                                                                                                                                                               | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      | 16.5   |      |      | 13.9   |      |      | 40                                  |
| 45                                                                                                                                                                                                                                                               | 18.4   |      |      | 19.5   |      |      | 16.3   |      |      | 16.5   |      |      | 13.9   |      |      | 45                                  |
| 50                                                                                                                                                                                                                                                               | 18.3   | 17.9 |      | 19.5   | 19.5 |      | 16.3   | 15.8 |      | 16.5   |      |      | 13.9   |      |      | 50                                  |
| 55                                                                                                                                                                                                                                                               | 18     | 17.5 |      | 19.5   | 19.5 |      | 16.2   | 15.8 |      | 16.5   | 16.3 |      | 13.9   | 13.6 |      | 55                                  |
| 60                                                                                                                                                                                                                                                               | 17.4   | 16.8 | 16.2 | 19.5   | 19.5 | 18.5 | 16.2   | 15.8 | 15.3 | 16.5   | 16.3 |      | 13.8   | 13.5 |      | 60                                  |
| 65                                                                                                                                                                                                                                                               | 16.7   | 16.2 | 15.6 | 19.5   | 19.4 | 18.3 | 15.8   | 15.5 | 15.1 | 16.3   | 16.2 | 15.5 | 13.8   | 13.5 | 13.1 | 65                                  |
| 70                                                                                                                                                                                                                                                               | 16     | 15.5 | 15.1 | 19.3   | 18.9 | 18   | 15.3   | 15.1 | 14.7 | 15.9   | 15.8 | 15.4 | 13.6   | 13.4 | 13.1 | 70                                  |
| 75                                                                                                                                                                                                                                                               | 15.3   | 14.9 | 14.5 | 18.6   | 18.2 | 17.7 | 14.8   | 14.5 | 14.2 | 15.6   | 15.3 | 15   | 13.4   | 13.3 | 13.1 | 75                                  |
| 80                                                                                                                                                                                                                                                               | 14.6   | 14.3 | 14   | 17.8   | 17.4 | 17.2 | 14.3   | 13.9 | 13.7 | 15.1   | 14.8 | 14.6 | 13.1   | 13   | 13   | 80                                  |
| 85                                                                                                                                                                                                                                                               | 13.9   | 13.6 | 13.5 | 16.9   | 16.6 | 16.5 | 13.7   | 13.4 | 13.2 | 14.5   | 14.2 | 14.1 | 12.8   | 12.6 | 12.6 | 85                                  |
| 90                                                                                                                                                                                                                                                               | 13.3   | 13   | 13   | 16.1   | 15.8 | 15.8 | 13.1   | 12.9 | 12.8 | 13.9   | 13.7 | 13.6 | 12.4   | 12.2 | 12.2 | 90                                  |
| 95                                                                                                                                                                                                                                                               | 12.6   | 12.5 | 12.5 | 15.4   | 15.1 | 15.2 | 12.5   | 12.4 | 12.3 | 13.3   | 13.2 | 13.1 | 11.9   | 11.8 | 11.8 | 95                                  |
| 100                                                                                                                                                                                                                                                              | 12     | 11.9 | 12   | 14.7   | 14.5 | 14.5 | 12     | 11.9 | 11.8 | 12.8   | 12.7 | 12.7 | 11.5   | 11.4 | 11.4 | 100                                 |
| 105                                                                                                                                                                                                                                                              | 11.4   | 11.4 | 11.4 | 14     | 13.8 | 13.8 | 11.4   | 11.4 | 11.4 | 12.2   | 12.1 | 12.2 | 11.1   | 11   | 11   | 105                                 |
| 110                                                                                                                                                                                                                                                              | 10.8   | 10.8 | 10.9 | 13.3   | 13.2 | 13.2 | 10.9   | 10.9 | 11   | 11.7   | 11.6 | 11.7 | 10.6   | 10.6 | 10.6 | 110                                 |
| 115                                                                                                                                                                                                                                                              | 10.2   | 10.3 | 10.4 | 12.7   | 12.6 | 12.7 | 10.4   | 10.5 | 10.5 | 11.1   | 11.1 | 11.2 | 10.2   | 10.2 | 10.3 | 115                                 |
| 120                                                                                                                                                                                                                                                              | 9.7    | 9.8  | 10   | 12     | 12   | 12.1 | 10     | 10.1 | 10.1 | 10.7   | 10.7 | 10.8 | 9.7    | 9.8  | 10   | 120                                 |
| 125                                                                                                                                                                                                                                                              | 9.2    | 9.4  | 9.5  | 11.4   | 11.5 | 11.6 | 9.6    | 9.6  | 9.7  | 10.3   | 10.2 | 10.3 | 9.3    | 9.5  | 9.6  | 125                                 |
| 130                                                                                                                                                                                                                                                              | 8.8    | 8.9  | 9.1  | 10.8   | 10.9 | 11.1 | 9.1    | 9.2  | 9.4  | 9.9    | 9.8  | 9.9  | 8.9    | 9.1  | 9.3  | 130                                 |
| 135                                                                                                                                                                                                                                                              | 8.3    | 8.5  | 8.7  | 10.2   | 10.4 | 10.6 | 8.7    | 8.9  | 9    | 9.5    | 9.5  | 9.6  | 8.5    | 8.7  | 8.9  | 135                                 |
| 140                                                                                                                                                                                                                                                              | 7.9    | 8.1  | 8.3  | 9.4    | 9.9  | 10.1 | 8.4    | 8.5  | 8.6  | 9.1    | 9.1  | 9.2  | 8.1    | 8.3  | 8.5  | 140                                 |
| 145                                                                                                                                                                                                                                                              | 7.6    | 7.7  | 7.9  | 8.7    | 9.2  | 9.5  | 8      | 8.1  | 8.3  | 8.6    | 8.8  | 8.9  | 7.7    | 7.9  | 8.1  | 145                                 |
| 150                                                                                                                                                                                                                                                              | 7.2    | 7.4  | 7.5  | 8.3    | 8.5  | 8.8  | 7.7    | 7.8  | 7.9  | 8.1    | 8.4  | 8.6  | 7.3    | 7.5  | 7.7  | 150                                 |
| 155                                                                                                                                                                                                                                                              | 6.9    | 7    | 7.1  | 8      | 8    | 8.1  | 7.4    | 7.5  | 7.6  | 7.5    | 7.9  | 8.1  | 6.9    | 7.2  | 7.4  | 155                                 |
| 160                                                                                                                                                                                                                                                              | 6.6    | 6.7  | 6.8  | 7.7    | 7.7  | 7.8  | 7.1    | 7.2  | 7.3  | 6.9    | 7.4  | 7.6  | 6.6    | 6.8  | 7    | 160                                 |
| 165                                                                                                                                                                                                                                                              | 6.3    | 6.4  | 6.4  | 7.2    | 7.4  | 7.5  | 6.8    | 6.9  | 7    | 6.3    | 6.7  | 7    | 6      | 6.4  | 6.6  | 165                                 |
| 170                                                                                                                                                                                                                                                              | 6      | 6.1  |      | 6.7    | 6.9  |      | 6.4    | 6.6  | 6.7  | 5.6    | 6.1  | 6.3  | 5.4    | 5.9  | 6.1  | 170                                 |
| 175                                                                                                                                                                                                                                                              | 5.7    | 5.8  |      | 6      | 6.4  |      | 6      | 6.2  | 6.4  | 5      | 5.4  | 5.6  | 4.9    | 5.3  | 5.6  | 175                                 |
| 180                                                                                                                                                                                                                                                              | 5.4    | 5.5  |      | 5.5    | 5.8  |      | 5.5    | 5.8  |      | 4.5    | 4.8  | 5    | 4.3    | 4.8  | 4.9  | 180                                 |
| 185                                                                                                                                                                                                                                                              | 5.2    | 5.3  |      | 5      | 5.2  |      | 4.9    | 5.2  |      | 3.9    | 4.3  |      | 3.8    | 4.2  | 4.4  | 185                                 |
| 190                                                                                                                                                                                                                                                              | 4.9    |      |      | 4.5    | 4.6  |      | 4.5    | 4.7  |      | 3.5    | 3.7  |      | 3.3    | 3.7  | 3.8  | 190                                 |
| 195                                                                                                                                                                                                                                                              |        |      |      | 3.8    |      |      | 4      | 4.2  |      | 3      | 3.2  |      | 2.8    | 3.2  |      | 195                                 |
| 200                                                                                                                                                                                                                                                              |        |      |      |        |      |      | 3.6    | 3.7  |      | 2.6    | 2.7  |      | 2.4    | 2.7  |      | 200                                 |
| 205                                                                                                                                                                                                                                                              |        |      |      |        |      |      | 3.1    |      |      | 2.2    | 2.3  |      | 2      | 2.2  |      | 205                                 |
| 210                                                                                                                                                                                                                                                              |        |      |      |        |      |      |        |      |      | 1.8    |      |      |        | 1.8  |      | 210                                 |

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# Lifting capacities Forces de levage

**TNZK**

| <div><div><div>42 – 197 ft</div><div>T</div></div><div><div>62 ft</div><div>NZK</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>92600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div> |       |      |     |       |      |     |        |     |     |        |     |     |        |     |     |        |     |     |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-----|-------|------|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                   | 42 ft |      |     | 99 ft |      |     | 113 ft |     |     | 127 ft |     |     | 141 ft |     |     | 156 ft |     |     | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                       | 62 ft |      |     | 62 ft |      |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                     |
|                                                                                                                                                                                                                                                       | 0°    | 20°  | 40° | 0°    | 20°  | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                     |
| 17                                                                                                                                                                                                                                                    | 16.6  |      |     |       |      |     |        |     |     |        |     |     |        |     |     |        |     |     | 17                                  |
| 18                                                                                                                                                                                                                                                    | 16.5  |      |     |       |      |     |        |     |     |        |     |     |        |     |     |        |     |     | 18                                  |
| 19                                                                                                                                                                                                                                                    | 16.3  |      |     |       |      |     |        |     |     |        |     |     |        |     |     |        |     |     | 19                                  |
| 20                                                                                                                                                                                                                                                    | 16.2  |      |     |       |      |     |        |     |     |        |     |     |        |     |     |        |     |     | 20                                  |
| 22                                                                                                                                                                                                                                                    | 15.9  |      |     | 14    |      |     |        |     |     |        |     |     |        |     |     |        |     |     | 22                                  |
| 24                                                                                                                                                                                                                                                    | 15.5  |      |     | 13.9  |      |     | 13.4   |     |     |        |     |     |        |     |     |        |     |     | 24                                  |
| 26                                                                                                                                                                                                                                                    | 15.2  |      |     | 13.8  |      |     | 13.3   |     |     |        |     |     |        |     |     |        |     |     | 26                                  |
| 28                                                                                                                                                                                                                                                    | 14.8  |      |     | 13.7  |      |     | 13.2   |     |     | 12.5   |     |     |        |     |     |        |     |     | 28                                  |
| 30                                                                                                                                                                                                                                                    | 14.4  | 11.4 |     | 13.6  |      |     | 13.1   |     |     | 12.4   |     |     | 11.9   |     |     |        |     |     | 30                                  |
| 32                                                                                                                                                                                                                                                    | 14    | 11.4 |     | 13.4  |      |     | 13     |     |     | 12.3   |     |     | 11.8   |     |     |        |     |     | 32                                  |
| 34                                                                                                                                                                                                                                                    | 13.6  | 11.3 |     | 13.2  |      |     | 12.9   |     |     | 12.2   |     |     | 11.8   |     |     | 11.7   |     |     | 34                                  |
| 36                                                                                                                                                                                                                                                    | 13.2  | 11.1 |     | 13    |      |     | 12.7   |     |     | 12.1   |     |     | 11.7   |     |     | 11.7   |     |     | 36                                  |
| 38                                                                                                                                                                                                                                                    | 12.9  | 10.8 |     | 12.8  |      |     | 12.6   |     |     | 12     |     |     | 11.6   |     |     | 11.6   |     |     | 38                                  |
| 40                                                                                                                                                                                                                                                    | 12.5  | 10.6 |     | 12.7  |      |     | 12.4   |     |     | 11.9   |     |     | 11.5   |     |     | 11.5   |     |     | 40                                  |
| 45                                                                                                                                                                                                                                                    | 11.7  | 10   |     | 12.3  | 10.2 |     | 12.1   |     |     | 11.6   |     |     | 11.3   |     |     | 11.3   |     |     | 45                                  |
| 50                                                                                                                                                                                                                                                    | 11    | 9.7  | 8.7 | 11.9  | 9.9  |     | 11.7   | 9.9 |     | 11.3   | 9.8 |     | 11     |     |     | 11.1   |     |     | 50                                  |
| 55                                                                                                                                                                                                                                                    | 10.3  | 9.3  | 8.5 | 11.5  | 9.7  |     | 11.4   | 9.7 |     | 11     | 9.6 |     | 10.8   | 9.5 |     | 10.9   |     |     | 55                                  |
| 60                                                                                                                                                                                                                                                    | 9.8   | 9    | 8.3 | 11.1  | 9.4  | 8.3 | 11.1   | 9.4 |     | 10.8   | 9.4 |     | 10.6   | 9.3 |     | 10.7   | 9.4 |     | 60                                  |
| 65                                                                                                                                                                                                                                                    | 9.3   | 8.7  | 8.1 | 10.7  | 9.2  | 8.2 | 10.8   | 9.2 | 8.2 | 10.5   | 9.2 |     | 10.3   | 9.1 |     | 10.4   | 9.2 |     | 65                                  |
| 70                                                                                                                                                                                                                                                    | 8.8   | 8.5  | 8   | 10.3  | 9    | 8.1 | 10.4   | 9   | 8.1 | 10.2   | 9   | 8.1 | 10.1   | 9   | 8.1 | 10.2   | 9.1 |     | 70                                  |
| 75                                                                                                                                                                                                                                                    | 8.2   | 8.3  | 7.9 | 10    | 8.8  | 8   | 10.2   | 8.9 | 8   | 10     | 8.8 | 8   | 9.9    | 8.8 | 8   | 10     | 8.9 | 8   | 75                                  |
| 80                                                                                                                                                                                                                                                    | 7.6   | 8.1  | 7.9 | 9.7   | 8.6  | 7.9 | 9.9    | 8.7 | 8   | 9.8    | 8.7 | 7.9 | 9.7    | 8.7 | 7.9 | 9.8    | 8.8 | 7.9 | 80                                  |
| 85                                                                                                                                                                                                                                                    | 7.1   | 8    | 7.9 | 9.5   | 8.5  | 7.9 | 9.6    | 8.5 | 7.9 | 9.6    | 8.5 | 7.9 | 9.5    | 8.5 | 7.8 | 9.6    | 8.6 | 7.9 | 85                                  |
| 90                                                                                                                                                                                                                                                    | 6.7   | 7.9  | 7.9 | 9.2   | 8.4  | 7.8 | 9.4    | 8.4 | 7.8 | 9.4    | 8.4 | 7.8 | 9.3    | 8.4 | 7.8 | 9.4    | 8.5 | 7.8 | 90                                  |
| 95                                                                                                                                                                                                                                                    | 6.3   | 7.9  |     | 8.9   | 8.2  | 7.8 | 9.2    | 8.3 | 7.8 | 9.2    | 8.3 | 7.8 | 9.2    | 8.3 | 7.7 | 9.3    | 8.4 | 7.8 | 95                                  |
| 100                                                                                                                                                                                                                                                   |       |      |     | 8.7   | 8.1  | 7.7 | 8.9    | 8.2 | 7.7 | 9      | 8.2 | 7.7 | 9      | 8.2 | 7.7 | 9.1    | 8.3 | 7.7 | 100                                 |
| 105                                                                                                                                                                                                                                                   |       |      |     | 8.4   | 8    | 7.7 | 8.7    | 8.1 | 7.7 | 8.8    | 8.1 | 7.7 | 8.8    | 8.1 | 7.7 | 9      | 8.2 | 7.7 | 105                                 |
| 110                                                                                                                                                                                                                                                   |       |      |     | 8.1   | 8    | 7.7 | 8.4    | 8   | 7.7 | 8.7    | 8   | 7.7 | 8.7    | 8   | 7.6 | 8.8    | 8.1 | 7.6 | 110                                 |
| 115                                                                                                                                                                                                                                                   |       |      |     | 7.8   | 7.9  | 7.7 | 8.2    | 7.9 | 7.7 | 8.5    | 8   | 7.7 | 8.5    | 8   | 7.6 | 8.7    | 8   | 7.6 | 115                                 |
| 120                                                                                                                                                                                                                                                   |       |      |     | 7.4   | 7.8  | 7.7 | 7.9    | 7.9 | 7.7 | 8.2    | 7.9 | 7.7 | 8.4    | 7.9 | 7.6 | 8.6    | 7.9 | 7.6 | 120                                 |
| 125                                                                                                                                                                                                                                                   |       |      |     | 7.2   | 7.7  | 7.7 | 7.6    | 7.8 | 7.7 | 7.9    | 7.8 | 7.7 | 8.2    | 7.9 | 7.6 | 8.5    | 7.9 | 7.6 | 125                                 |
| 130                                                                                                                                                                                                                                                   |       |      |     | 6.9   | 7.6  | 7.7 | 7.4    | 7.8 | 7.7 | 7.7    | 7.7 | 7.7 | 8      | 7.8 | 7.6 | 8.4    | 7.8 | 7.6 | 130                                 |
| 135                                                                                                                                                                                                                                                   |       |      |     | 6.7   | 7.4  | 7.5 | 7.1    | 7.7 | 7.7 | 7.5    | 7.6 | 7.7 | 7.8    | 7.7 | 7.6 | 8.2    | 7.8 | 7.6 | 135                                 |
| 140                                                                                                                                                                                                                                                   |       |      |     | 6.5   | 7.1  |     | 6.9    | 7.6 | 7.7 | 7.3    | 7.5 | 7.7 | 7.6    | 7.7 | 7.6 | 8      | 7.7 | 7.6 | 140                                 |
| 145                                                                                                                                                                                                                                                   |       |      |     | 6.3   | 6.8  |     | 6.7    | 7.4 | 7.6 | 7.1    | 7.2 | 7.4 | 7.4    | 7.5 | 7.6 | 7.8    | 7.7 | 7.6 | 145                                 |
| 150                                                                                                                                                                                                                                                   |       |      |     | 6.2   | 6.7  |     | 6.5    | 7.2 |     | 6.8    | 7   | 7.2 | 7.2    | 7.3 | 7.5 | 7.6    | 7.6 | 7.6 | 150                                 |
| 155                                                                                                                                                                                                                                                   |       |      |     |       |      |     | 6.4    | 7   |     | 6.6    | 6.7 | 6.9 | 7      | 7.1 | 7.3 | 7.4    | 7.5 | 7.6 | 155                                 |
| 160                                                                                                                                                                                                                                                   |       |      |     |       |      |     | 6.3    | 6.8 |     | 6.4    | 6.5 | 6.6 | 6.8    | 6.9 | 7.1 | 7.2    | 7.4 | 7.6 | 160                                 |
| 165                                                                                                                                                                                                                                                   |       |      |     |       |      |     | 6.2    |     |     | 6.2    | 6.3 |     | 6.6    | 6.7 | 6.8 | 7      | 7.3 | 7.5 | 165                                 |
| 170                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     | 5.9    | 6   |     | 6.4    | 6.5 | 6.6 | 6.9    | 7.1 | 7.3 | 170                                 |
| 175                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     | 5.7    | 5.8 |     | 6.2    | 6.3 |     | 6.4    | 6.9 | 7   | 175                                 |
| 180                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     | 5.6    |     |     | 6      | 6.1 |     | 6      | 6.6 | 6.7 | 180                                 |
| 185                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     |        |     |     | 5.8    | 6   |     | 5.4    | 6   |     | 185                                 |
| 190                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     |        |     |     | 5.7    | 5.8 |     | 5.1    | 5.4 |     | 190                                 |
| 195                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     |        |     |     | 4.9    |     |     | 4.9    | 5   |     | 195                                 |
| 200                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     |        |     |     |        |     |     | 4.7    | 4.8 |     | 200                                 |
| 205                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     |        |     |     |        |     |     | 4.6    | 4.7 |     | 205                                 |
| 210                                                                                                                                                                                                                                                   |       |      |     |       |      |     |        |     |     |        |     |     |        |     |     | 2.7    |     |     | 210                                 |

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# Lifting capacities Forces de levage

**TNZK**

| <div><div><div>42 – 197 ft</div><div>62 ft</div><div>TNZK</div></div><div><div>360°</div><div>92600 lbs</div><div>85%</div></div></div> |        |     |     |        |     |     |        |     |     |        |     |     |        |     |     |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                     | 166 ft |     |     | 170 ft |     |     | 180 ft |     |     | 184 ft |     |     | 197 ft |     |     | <div><div></div><div>ft</div></div> |
|                                                                                                                                         | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                     |
|                                                                                                                                         | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                     |
| 36                                                                                                                                      | 10.1   |     |     | 10.8   |     |     |        |     |     |        |     |     |        |     |     | 36                                  |
| 38                                                                                                                                      | 10.1   |     |     | 10.8   |     |     |        |     |     |        |     |     |        |     |     | 38                                  |
| 40                                                                                                                                      | 10.1   |     |     | 10.7   |     |     | 9.4    |     |     |        |     |     |        |     |     | 40                                  |
| 45                                                                                                                                      | 9.9    |     |     | 10.6   |     |     | 9.4    |     |     | 9.4    |     |     | 8.5    |     |     | 45                                  |
| 50                                                                                                                                      | 9.8    |     |     | 10.5   |     |     | 9.3    |     |     | 9.3    |     |     | 8.5    |     |     | 50                                  |
| 55                                                                                                                                      | 9.7    |     |     | 10.3   |     |     | 9.2    |     |     | 9.2    |     |     | 8.4    |     |     | 55                                  |
| 60                                                                                                                                      | 9.6    |     |     | 10.1   | 9.2 |     | 9.1    |     |     | 9.2    |     |     | 8.3    |     |     | 60                                  |
| 65                                                                                                                                      | 9.4    | 8.7 |     | 9.9    | 9   |     | 9      | 8.5 |     | 9.1    | 8.5 |     | 8.3    |     |     | 65                                  |
| 70                                                                                                                                      | 9.3    | 8.6 |     | 9.7    | 8.9 |     | 8.9    | 8.4 |     | 8.9    | 8.4 |     | 8.2    |     |     | 70                                  |
| 75                                                                                                                                      | 9.2    | 8.5 |     | 9.6    | 8.8 |     | 8.8    | 8.3 |     | 8.8    | 8.3 |     | 8.2    | 7.8 |     | 75                                  |
| 80                                                                                                                                      | 9      | 8.4 | 7.8 | 9.4    | 8.6 | 7.8 | 8.7    | 8.2 |     | 8.7    | 8.2 |     | 8.1    | 7.8 |     | 80                                  |
| 85                                                                                                                                      | 8.9    | 8.3 | 7.7 | 9.3    | 8.5 | 7.8 | 8.6    | 8.1 | 7.6 | 8.6    | 8.1 | 7.6 | 8      | 7.7 |     | 85                                  |
| 90                                                                                                                                      | 8.8    | 8.2 | 7.7 | 9.1    | 8.4 | 7.7 | 8.5    | 8.1 | 7.6 | 8.5    | 8.1 | 7.6 | 8      | 7.7 | 7.4 | 90                                  |
| 95                                                                                                                                      | 8.7    | 8.1 | 7.7 | 9      | 8.3 | 7.7 | 8.4    | 8   | 7.6 | 8.5    | 8   | 7.6 | 7.9    | 7.6 | 7.4 | 95                                  |
| 100                                                                                                                                     | 8.6    | 8   | 7.6 | 8.9    | 8.2 | 7.7 | 8.3    | 7.9 | 7.5 | 8.4    | 7.9 | 7.5 | 7.8    | 7.6 | 7.4 | 100                                 |
| 105                                                                                                                                     | 8.5    | 8   | 7.6 | 8.8    | 8.1 | 7.6 | 8.2    | 7.8 | 7.5 | 8.3    | 7.9 | 7.5 | 7.8    | 7.5 | 7.4 | 105                                 |
| 110                                                                                                                                     | 8.4    | 7.9 | 7.6 | 8.7    | 8   | 7.6 | 8.1    | 7.8 | 7.5 | 8.2    | 7.8 | 7.5 | 7.7    | 7.5 | 7.4 | 110                                 |
| 115                                                                                                                                     | 8.3    | 7.8 | 7.6 | 8.5    | 7.9 | 7.6 | 8.1    | 7.7 | 7.5 | 8.1    | 7.7 | 7.5 | 7.7    | 7.5 | 7.4 | 115                                 |
| 120                                                                                                                                     | 8.2    | 7.8 | 7.6 | 8.4    | 7.9 | 7.6 | 8      | 7.7 | 7.5 | 8      | 7.7 | 7.5 | 7.6    | 7.4 | 7.4 | 120                                 |
| 125                                                                                                                                     | 8      | 7.7 | 7.6 | 8.3    | 7.8 | 7.6 | 7.9    | 7.6 | 7.5 | 8      | 7.7 | 7.5 | 7.5    | 7.4 | 7.4 | 125                                 |
| 130                                                                                                                                     | 7.7    | 7.6 | 7.6 | 8.2    | 7.8 | 7.6 | 7.8    | 7.6 | 7.5 | 7.9    | 7.6 | 7.5 | 7.4    | 7.4 | 7.4 | 130                                 |
| 135                                                                                                                                     | 7.5    | 7.5 | 7.6 | 8.1    | 7.7 | 7.6 | 7.6    | 7.5 | 7.5 | 7.8    | 7.6 | 7.5 | 7.3    | 7.3 | 7.4 | 135                                 |
| 140                                                                                                                                     | 7.2    | 7.4 | 7.5 | 8      | 7.7 | 7.6 | 7.4    | 7.3 | 7.5 | 7.6    | 7.5 | 7.5 | 7.2    | 7.3 | 7.4 | 140                                 |
| 145                                                                                                                                     | 7      | 7.2 | 7.4 | 7.9    | 7.6 | 7.6 | 7.2    | 7.2 | 7.4 | 7.4    | 7.4 | 7.5 | 7.1    | 7.2 | 7.3 | 145                                 |
| 150                                                                                                                                     | 6.7    | 7   | 7.2 | 7.7    | 7.6 | 7.6 | 6.9    | 7.1 | 7.2 | 7.3    | 7.3 | 7.5 | 6.8    | 7   | 7.2 | 150                                 |
| 155                                                                                                                                     | 6.4    | 6.7 | 7   | 7.4    | 7.6 | 7.6 | 6.7    | 6.9 | 7.1 | 7.1    | 7.2 | 7.5 | 6.5    | 6.8 | 7   | 155                                 |
| 160                                                                                                                                     | 6.1    | 6.4 | 6.7 | 7.1    | 7.6 | 7.6 | 6.4    | 6.6 | 6.9 | 6.9    | 7   | 7.3 | 6.2    | 6.6 | 6.8 | 160                                 |
| 165                                                                                                                                     | 5.9    | 6.1 | 6.3 | 6.6    | 7.3 | 7.5 | 6.2    | 6.4 | 6.6 | 6.5    | 6.8 | 7   | 6      | 6.3 | 6.6 | 165                                 |
| 170                                                                                                                                     | 5.6    | 5.8 | 6   | 6.3    | 6.8 | 7.3 | 5.9    | 6.1 | 6.4 | 6.1    | 6.6 | 6.8 | 5.6    | 6.1 | 6.3 | 170                                 |
| 175                                                                                                                                     | 5.3    | 5.6 | 5.7 | 6.1    | 6.3 | 6.7 | 5.7    | 5.9 | 6.1 | 5.7    | 6.2 | 6.6 | 5.2    | 5.8 | 6.1 | 175                                 |
| 180                                                                                                                                     | 5.1    | 5.3 | 5.4 | 5.9    | 6   | 6.2 | 5.5    | 5.7 | 5.9 | 5.2    | 5.8 | 6.2 | 4.8    | 5.5 | 5.8 | 180                                 |
| 185                                                                                                                                     | 4.9    | 5   | 5.2 | 5.6    | 5.8 | 6   | 5.3    | 5.4 | 5.6 | 4.7    | 5.4 | 5.8 | 4.4    | 5.1 | 5.5 | 185                                 |
| 190                                                                                                                                     | 4.6    | 4.8 | 4.9 | 5.2    | 5.6 | 5.8 | 5      | 5.2 | 5.4 | 4.2    | 4.9 | 5.3 | 3.9    | 4.6 | 5.1 | 190                                 |
| 195                                                                                                                                     | 4.4    | 4.6 |     | 4.7    | 5.2 | 5.4 | 4.6    | 5   | 5.1 | 3.7    | 4.4 | 4.7 | 3.5    | 4.2 | 4.6 | 195                                 |
| 200                                                                                                                                     | 4.2    | 4.3 |     | 4.3    | 4.7 |     | 4.2    | 4.7 | 4.8 | 3.3    | 3.9 | 4.1 | 3      | 3.7 | 4.1 | 200                                 |
| 205                                                                                                                                     | 4      | 4.1 |     | 3.8    | 4.2 |     | 3.7    | 4.2 |     | 2.8    | 3.4 | 3.6 | 2.6    | 3.3 | 3.6 | 205                                 |
| 210                                                                                                                                     | 3.9    | 3.9 |     | 3.4    | 3.8 |     | 3.3    | 3.8 |     | 2.4    | 2.9 |     | 2.2    | 2.8 | 3.1 | 210                                 |
| 215                                                                                                                                     | 3.7    | 3.7 |     | 3.1    | 3.3 |     | 3      | 3.3 |     | 2.1    | 2.5 |     | 1.8    | 2.4 | 2.5 | 215                                 |
| 220                                                                                                                                     | 2      |     |     | 2.7    | 2.8 |     | 2.6    | 2.9 |     |        | 2.1 |     |        | 2   |     | 220                                 |
| 225                                                                                                                                     |        |     |     |        |     |     | 2.3    | 2.5 |     |        |     |     |        |     |     | 225                                 |
| 230                                                                                                                                     |        |     |     |        |     |     | 2      |     |     |        |     |     |        |     |     | 230                                 |

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# Lifting capacities Forces de levage

**TNZK**

| <div><div><div><div>42 – 197 ft</div><div>T</div></div><div><div>35 ft</div><div>NZK</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>14600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div></div> |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      |      |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                              | 42 ft |      |      | 99 ft |      |      | 113 ft |      |      | 127 ft |      |      | 141 ft |      |      | 156 ft |      |      | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                                  | 35 ft |      |      | 35 ft |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      |                                     |
|                                                                                                                                                                                                                                                                  | 0°    | 20°  | 40°  | 0°    | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                     |
| 14                                                                                                                                                                                                                                                               | 38.2  |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      | 14   |                                     |
| 15                                                                                                                                                                                                                                                               | 37.6  |      |      |       |      |      |        |      |      |        |      |      |        |      |      |        |      | 15   |                                     |
| 16                                                                                                                                                                                                                                                               | 36.9  | 34.2 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      | 16   |                                     |
| 17                                                                                                                                                                                                                                                               | 36.2  | 34.2 |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      | 17   |                                     |
| 18                                                                                                                                                                                                                                                               | 35.5  | 34   |      | 38.7  |      |      |        |      |      |        |      |      |        |      |      |        |      | 18   |                                     |
| 19                                                                                                                                                                                                                                                               | 34.8  | 33.5 |      | 38.7  |      |      | 38.4   |      |      |        |      |      |        |      |      |        |      | 19   |                                     |
| 20                                                                                                                                                                                                                                                               | 34.2  | 32.7 |      | 38.7  |      |      | 38.3   |      |      |        |      |      |        |      |      |        |      | 20   |                                     |
| 22                                                                                                                                                                                                                                                               | 33    | 31.3 |      | 38.7  |      |      | 38     |      |      | 33.8   |      |      |        |      |      |        |      | 22   |                                     |
| 24                                                                                                                                                                                                                                                               | 31.8  | 30.1 |      | 38.7  |      |      | 37.7   |      |      | 33.6   |      |      |        |      |      |        |      | 24   |                                     |
| 26                                                                                                                                                                                                                                                               | 30.5  | 28.9 | 23.5 | 38.6  |      |      | 37.2   |      |      | 33.5   |      |      | 28.9   |      |      |        |      | 26   |                                     |
| 28                                                                                                                                                                                                                                                               | 29.1  | 27.8 | 23   | 38.5  | 30   |      | 36.7   |      |      | 33.2   |      |      | 28.8   |      |      |        |      | 28   |                                     |
| 30                                                                                                                                                                                                                                                               | 27.7  | 26.8 | 22.3 | 37.9  | 29.3 |      | 36.2   | 29   |      | 32.8   |      |      | 28.7   |      |      | 24.1   |      | 30   |                                     |
| 32                                                                                                                                                                                                                                                               | 26.4  | 25.8 | 21.8 | 37.2  | 28.6 |      | 35.6   | 28.5 |      | 32.4   |      |      | 28.5   |      |      | 24.1   |      | 32   |                                     |
| 34                                                                                                                                                                                                                                                               | 25.1  | 24.9 | 21.2 | 36.4  | 27.9 |      | 34.9   | 27.9 |      | 32     | 27   |      | 28.2   |      |      | 24     |      | 34   |                                     |
| 36                                                                                                                                                                                                                                                               | 23.7  | 24.1 | 20.7 | 35.6  | 27.3 | 21.9 | 34     | 27.3 |      | 31.3   | 26.6 |      | 28     |      |      | 23.9   |      | 36   |                                     |
| 38                                                                                                                                                                                                                                                               | 22.4  | 23.3 | 20.1 | 34.5  | 26.7 | 21.5 | 32.3   | 26.8 |      | 29.8   | 26.1 |      | 26.8   | 24.8 |      | 23.8   |      | 38   |                                     |
| 40                                                                                                                                                                                                                                                               | 21.3  | 22.2 | 19.7 | 32.9  | 26.1 | 21.2 | 30.2   | 26.2 | 21.2 | 27.9   | 25.7 |      | 26.2   | 24.4 |      | 23.5   |      | 40   |                                     |
| 45                                                                                                                                                                                                                                                               | 18.8  | 19.5 | 18.2 | 27.6  | 24.8 | 20.4 | 25.3   | 25   | 20.5 | 23.2   | 24.6 | 20.3 | 22.5   | 23.2 |      | 21.3   | 21.8 | 45   |                                     |
| 50                                                                                                                                                                                                                                                               | 16.9  | 17.5 | 16.7 | 23.5  | 23.6 | 19.8 | 21.4   | 23.4 | 19.9 | 21.6   | 22   | 19.7 | 21.2   | 21.1 | 19.3 | 19.1   | 20.4 | 50   |                                     |
| 55                                                                                                                                                                                                                                                               | 15.2  | 16.4 | 15.9 | 20.1  | 21.9 | 19.2 | 18.2   | 20.3 | 19.3 | 19.7   | 18.8 | 19.2 | 18.4   | 18.6 | 18.6 | 17.1   | 17.7 | 18   | 55                                  |
| 60                                                                                                                                                                                                                                                               | 13.9  | 15.5 | 15.4 | 17.3  | 19.1 | 18.6 | 15.5   | 17.4 | 18.6 | 17.1   | 17.8 | 17.7 | 15.9   | 17.5 | 17   | 14.7   | 16.5 | 16.7 | 60                                  |
| 65                                                                                                                                                                                                                                                               | 12.7  | 14.9 | 6.3  | 15    | 16.5 | 17.7 | 13.3   | 15   | 16.4 | 14.8   | 16.4 | 15.7 | 13.8   | 15.4 | 15.6 | 12.7   | 14.3 | 15.3 | 65                                  |
| 70                                                                                                                                                                                                                                                               |       |      |      | 13    | 14.4 | 15.5 | 11.3   | 12.9 | 14.2 | 13     | 14.3 | 15.2 | 12     | 13.4 | 14.6 | 10.9   | 12.4 | 13.7 | 70                                  |
| 75                                                                                                                                                                                                                                                               |       |      |      | 11.3  | 12.5 | 13.5 | 9.7    | 11.1 | 12.2 | 11.3   | 12.6 | 13.6 | 10.4   | 11.7 | 12.8 | 9.4    | 10.8 | 12   | 75                                  |
| 80                                                                                                                                                                                                                                                               |       |      |      | 9.7   | 10.8 | 11.7 | 8.3    | 9.5  | 10.5 | 9.9    | 11.1 | 12   | 9      | 10.2 | 11.2 | 8      | 9.3  | 10.4 | 80                                  |
| 85                                                                                                                                                                                                                                                               |       |      |      | 8.3   | 9.3  | 10   | 7      | 8.1  | 9    | 8.7    | 9.7  | 10.5 | 7.8    | 8.9  | 9.8  | 6.9    | 8    | 9    | 85                                  |
| 90                                                                                                                                                                                                                                                               |       |      |      | 7.1   | 8    | 8.5  | 5.9    | 6.9  | 7.7  | 7.6    | 8.5  | 9.2  | 6.7    | 7.7  | 8.5  | 5.8    | 6.9  | 7.8  | 90                                  |
| 95                                                                                                                                                                                                                                                               |       |      |      | 6     | 6.8  | 7.3  | 4.9    | 5.8  | 6.5  | 6.6    | 7.4  | 8.1  | 5.8    | 6.7  | 7.4  | 4.8    | 5.9  | 6.7  | 95                                  |
| 100                                                                                                                                                                                                                                                              |       |      |      | 5.1   | 5.7  | 6.1  | 4      | 4.8  | 5.4  | 5.7    | 6.4  | 7    | 4.9    | 5.7  | 6.4  | 4      | 4.9  | 5.7  | 100                                 |
| 105                                                                                                                                                                                                                                                              |       |      |      | 4.2   | 4.8  | 5.1  | 3.2    | 3.9  | 4.4  | 4.9    | 5.5  | 6    | 4.1    | 4.9  | 5.5  | 3.2    | 4.1  | 4.8  | 105                                 |
| 110                                                                                                                                                                                                                                                              |       |      |      | 3.5   | 3.9  | 4.1  | 2.3    | 3.1  | 3.4  | 4.1    | 4.7  | 5.1  | 3.4    | 4.1  | 4.6  | 2.4    | 3.3  | 3.9  | 110                                 |
| 115                                                                                                                                                                                                                                                              |       |      |      | 2.8   | 3.2  |      |        | 2.1  | 2.5  | 3.4    | 4    | 4.3  | 2.7    | 3.4  | 3.9  |        | 2.6  | 3.2  | 115                                 |
| 120                                                                                                                                                                                                                                                              |       |      |      | 2.2   | 2.4  |      |        |      |      | 2.7    | 3.3  | 3.6  | 1.9    | 2.7  | 3.2  |        |      | 2.4  | 120                                 |
| 125                                                                                                                                                                                                                                                              |       |      |      |       |      |      |        |      |      | 2.1    | 2.6  | 2.9  |        | 2    | 2.5  |        |      |      | 125                                 |
| 130                                                                                                                                                                                                                                                              |       |      |      |       |      |      |        |      |      |        | 1.9  | 2.2  |        |      |      |        |      |      | 130                                 |

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| <div><div><div><div>42 – 197 ft</div><div>T</div></div><div><div>35 ft</div><div>NZK</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>14600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div></div> |        |      |      |        |      |      |        |      |      |        |      |      |        |      |      |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                              | 166 ft |      |      | 170 ft |      |      | 180 ft |      |      | 184 ft |      |      | 197 ft |      |      | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                                  | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      | 35 ft  |      |      |                                     |
|                                                                                                                                                                                                                                                                  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                     |
| 32                                                                                                                                                                                                                                                               | 16.8   |      |      | 18.5   |      |      |        |      |      |        |      |      |        |      | 32   |                                     |
| 34                                                                                                                                                                                                                                                               | 16.8   |      |      | 18.5   |      |      |        |      |      |        |      |      |        |      | 34   |                                     |
| 36                                                                                                                                                                                                                                                               | 16.8   |      |      | 18.5   |      |      | 14.8   |      |      | 15     |      |      |        |      | 36   |                                     |
| 38                                                                                                                                                                                                                                                               | 16.8   |      |      | 18.5   |      |      | 14.8   |      |      | 15     |      |      |        |      | 38   |                                     |
| 40                                                                                                                                                                                                                                                               | 16.8   |      |      | 18.4   |      |      | 14.8   |      |      | 15     |      |      | 12.6   |      | 40   |                                     |
| 45                                                                                                                                                                                                                                                               | 16.8   |      |      | 18.4   |      |      | 14.8   |      |      | 15     |      |      | 12.6   |      | 45   |                                     |
| 50                                                                                                                                                                                                                                                               | 16.7   | 16.2 |      | 17.1   | 18.4 |      | 14.8   | 14.3 |      | 15     |      |      | 12.6   |      | 50   |                                     |
| 55                                                                                                                                                                                                                                                               | 16.3   | 15.9 |      | 15.7   | 16.8 |      | 14.6   | 14.3 |      | 14     | 14.8 |      | 12.4   | 12.4 | 55   |                                     |
| 60                                                                                                                                                                                                                                                               | 14.3   | 15.3 | 14.8 | 13.4   | 15.3 | 15.6 | 13     | 14.2 | 13.9 | 11.8   | 13.7 |      | 11.1   | 12.2 | 60   |                                     |
| 65                                                                                                                                                                                                                                                               | 12.3   | 13.9 | 14.2 | 11.4   | 13.1 | 14.7 | 11.1   | 12.9 | 13.7 | 9.8    | 11.7 | 13.4 | 9.4    | 11.1 | 11.8 | 65                                  |
| 70                                                                                                                                                                                                                                                               | 10.6   | 12.1 | 13.4 | 9.7    | 11.3 | 12.7 | 9.5    | 11   | 12.4 | 8.2    | 9.9  | 11.4 | 7.8    | 9.5  | 10.9 | 70                                  |
| 75                                                                                                                                                                                                                                                               | 9.1    | 10.5 | 11.7 | 8.2    | 9.7  | 10.9 | 8      | 9.5  | 10.7 | 6.8    | 8.4  | 9.7  | 6.4    | 8    | 9.3  | 75                                  |
| 80                                                                                                                                                                                                                                                               | 7.8    | 9.1  | 10.1 | 6.9    | 8.3  | 9.4  | 6.7    | 8.1  | 9.2  | 5.6    | 7    | 8.2  | 5.2    | 6.7  | 7.9  | 80                                  |
| 85                                                                                                                                                                                                                                                               | 6.6    | 7.8  | 8.8  | 5.8    | 7    | 8.1  | 5.6    | 6.9  | 7.9  | 4.4    | 5.8  | 6.9  | 4.1    | 5.5  | 6.6  | 85                                  |
| 90                                                                                                                                                                                                                                                               | 5.6    | 6.7  | 7.6  | 4.7    | 5.9  | 6.9  | 4.6    | 5.7  | 6.7  | 3.4    | 4.7  | 5.8  | 3      | 4.4  | 5.4  | 90                                  |
| 95                                                                                                                                                                                                                                                               | 4.6    | 5.7  | 6.5  | 3.8    | 4.9  | 5.8  | 3.6    | 4.8  | 5.7  | 2.2    | 3.7  | 4.7  | 1.8    | 3.4  | 4.4  | 95                                  |
| 100                                                                                                                                                                                                                                                              | 3.8    | 4.7  | 5.5  | 2.9    | 4    | 4.8  | 2.7    | 3.9  | 4.7  |        | 2.7  | 3.7  |        | 2.4  | 3.5  | 100                                 |
| 105                                                                                                                                                                                                                                                              | 3      | 3.9  | 4.6  | 2      | 3.2  | 3.9  | 1.8    | 3    | 3.8  |        |      | 2.8  |        |      | 2.5  | 105                                 |
| 110                                                                                                                                                                                                                                                              | 2.1    | 3.1  | 3.8  |        | 2.2  | 3.1  |        | 2.1  | 3    |        |      |      |        |      |      | 110                                 |
| 115                                                                                                                                                                                                                                                              |        | 2.4  | 3    |        |      | 2.2  |        |      | 2.1  |        |      |      |        |      |      | 115                                 |
| 120                                                                                                                                                                                                                                                              |        |      | 2.2  |        |      |      |        |      |      |        |      |      |        |      |      | 120                                 |

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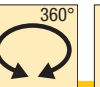


# Lifting capacities Forces de levage

**TNZK**

| <div><div><div><div>42 – 197 ft</div><div>T</div></div><div><div>62 ft</div><div>NZK</div></div><div><div></div><div></div></div><div><div>360°</div><div></div></div><div><div>14600 lbs</div><div></div></div><div><div>85%</div><div></div></div></div></div> |       |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-----|-------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                              | 42 ft |      |     | 99 ft |     |     | 113 ft |     |     | 127 ft |     |     | 141 ft |     |     | 156 ft |     |     | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                                  | 62 ft |      |     | 62 ft |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                     |
|                                                                                                                                                                                                                                                                  | 0°    | 20°  | 40° | 0°    | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                     |
| 17                                                                                                                                                                                                                                                               | 15.1  |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 17                                  |
| 18                                                                                                                                                                                                                                                               | 15    |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 18                                  |
| 19                                                                                                                                                                                                                                                               | 14.8  |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 19                                  |
| 20                                                                                                                                                                                                                                                               | 14.7  |      |     |       |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 20                                  |
| 22                                                                                                                                                                                                                                                               | 14.4  |      |     | 12.7  |     |     |        |     |     |        |     |     |        |     |     |        |     |     | 22                                  |
| 24                                                                                                                                                                                                                                                               | 14.1  |      |     | 12.7  |     |     | 12.2   |     |     |        |     |     |        |     |     |        |     |     | 24                                  |
| 26                                                                                                                                                                                                                                                               | 13.8  |      |     | 12.6  |     |     | 12.1   |     |     |        |     |     |        |     |     |        |     |     | 26                                  |
| 28                                                                                                                                                                                                                                                               | 13.5  |      |     | 12.5  |     |     | 12     |     |     | 11.4   |     |     |        |     |     |        |     |     | 28                                  |
| 30                                                                                                                                                                                                                                                               | 13.1  | 10.4 |     | 12.3  |     |     | 12     |     |     | 11.3   |     |     | 10.8   |     |     |        |     |     | 30                                  |
| 32                                                                                                                                                                                                                                                               | 12.7  | 10.4 |     | 12.2  |     |     | 11.8   |     |     | 11.2   |     |     | 10.8   |     |     |        |     |     | 32                                  |
| 34                                                                                                                                                                                                                                                               | 12.4  | 10.3 |     | 12    |     |     | 11.7   |     |     | 11.1   |     |     | 10.7   |     |     | 10.7   |     |     | 34                                  |
| 36                                                                                                                                                                                                                                                               | 12    | 10.1 |     | 11.8  |     |     | 11.6   |     |     | 11     |     |     | 10.6   |     |     | 10.6   |     |     | 36                                  |
| 38                                                                                                                                                                                                                                                               | 11.7  | 9.8  |     | 11.7  |     |     | 11.4   |     |     | 10.9   |     |     | 10.5   |     |     | 10.5   |     |     | 38                                  |
| 40                                                                                                                                                                                                                                                               | 11.4  | 9.6  |     | 11.5  |     |     | 11.3   |     |     | 10.8   |     |     | 10.5   |     |     | 10.5   |     |     | 40                                  |
| 45                                                                                                                                                                                                                                                               | 10.6  | 9.1  |     | 11.2  | 9.3 |     | 11     |     |     | 10.6   |     |     | 10.3   |     |     | 10.3   |     |     | 45                                  |
| 50                                                                                                                                                                                                                                                               | 10    | 8.8  | 7.9 | 10.8  | 9   |     | 10.7   | 9   |     | 10.3   | 8.9 |     | 10     |     |     | 10.1   |     |     | 50                                  |
| 55                                                                                                                                                                                                                                                               | 9.4   | 8.5  | 7.7 | 10.4  | 8.8 |     | 10.4   | 8.8 |     | 10     | 8.7 |     | 9.8    | 8.7 |     | 9.9    |     |     | 55                                  |
| 60                                                                                                                                                                                                                                                               | 8.9   | 8.2  | 7.5 | 10.1  | 8.6 | 7.6 | 10.1   | 8.6 |     | 9.8    | 8.5 |     | 9.6    | 8.5 |     | 9.7    | 8.5 |     | 60                                  |
| 65                                                                                                                                                                                                                                                               | 8.5   | 7.9  | 7.4 | 9.7   | 8.4 | 7.5 | 9.8    | 8.4 | 7.5 | 9.6    | 8.3 |     | 9.4    | 8.3 |     | 9.5    | 8.4 |     | 65                                  |
| 70                                                                                                                                                                                                                                                               | 8     | 7.7  | 7.2 | 9.4   | 8.2 | 7.4 | 9.5    | 8.2 | 7.4 | 9.3    | 8.2 | 7.3 | 9.2    | 8.1 | 7.3 | 9.1    | 8.2 |     | 70                                  |
| 75                                                                                                                                                                                                                                                               | 7.4   | 7.5  | 7.2 | 9.1   | 8   | 7.3 | 9.2    | 8.1 | 7.3 | 9.1    | 8   | 7.3 | 9      | 8   | 7.3 | 8.7    | 8.1 | 7.3 | 75                                  |
| 80                                                                                                                                                                                                                                                               | 6.9   | 7.4  | 7.1 | 8.8   | 7.9 | 7.2 | 9      | 7.9 | 7.2 | 8.9    | 7.9 | 7.2 | 8.8    | 7.9 | 7.2 | 8.2    | 8   | 7.2 | 80                                  |
| 85                                                                                                                                                                                                                                                               | 6.5   | 7.2  | 7.1 | 8.6   | 7.7 | 7.1 | 8.7    | 7.8 | 7.2 | 8.7    | 7.8 | 7.2 | 8.4    | 7.8 | 7.1 | 7.3    | 7.9 | 7.2 | 85                                  |
| 90                                                                                                                                                                                                                                                               | 6.1   | 7.2  | 7.1 | 8.4   | 7.6 | 7.1 | 8.5    | 7.7 | 7.1 | 8.3    | 7.6 | 7.1 | 7.5    | 7.7 | 7.1 | 6.3    | 7.6 | 7.1 | 90                                  |
| 95                                                                                                                                                                                                                                                               | 5.7   | 7.2  |     | 8.1   | 7.5 | 7.1 | 8.2    | 7.5 | 7.1 | 7.4    | 7.5 | 7   | 6.5    | 7.5 | 7   | 5.4    | 7.1 | 7   | 95                                  |
| 100                                                                                                                                                                                                                                                              |       |      |     | 7.7   | 7.4 | 7   | 7.5    | 7.4 | 7   | 6.5    | 7.4 | 7   | 5.7    | 7.2 | 7   | 4.6    | 6.3 | 7   | 100                                 |
| 105                                                                                                                                                                                                                                                              |       |      |     | 6.9   | 7.3 | 7   | 6.6    | 7.3 | 7   | 5.7    | 7   | 7   | 4.9    | 6.3 | 7   | 3.8    | 5.4 | 6.7 | 105                                 |
| 110                                                                                                                                                                                                                                                              |       |      |     | 6.1   | 7.1 | 7   | 5.8    | 6.9 | 7   | 5      | 6.2 | 6.9 | 4.2    | 5.5 | 6.6 | 3.1    | 4.6 | 5.9 | 110                                 |
| 115                                                                                                                                                                                                                                                              |       |      |     | 5.4   | 6.3 | 6.9 | 5.1    | 6.1 | 6.8 | 4.3    | 5.5 | 6.4 | 3.5    | 4.8 | 5.9 | 2.4    | 3.9 | 5.1 | 115                                 |
| 120                                                                                                                                                                                                                                                              |       |      |     | 4.7   | 5.5 | 6.1 | 4.4    | 5.3 | 6   | 3.7    | 4.8 | 5.6 | 2.9    | 4.1 | 5.1 |        | 3.2 | 4.3 | 120                                 |
| 125                                                                                                                                                                                                                                                              |       |      |     | 4.1   | 4.8 | 5.3 | 3.8    | 4.7 | 5.3 | 3.2    | 4.2 | 4.9 | 2.4    | 3.5 | 4.4 |        | 2.6 | 3.6 | 125                                 |
| 130                                                                                                                                                                                                                                                              |       |      |     | 3.6   | 4.2 | 4.5 | 3.3    | 4   | 4.5 | 2.6    | 3.5 | 4.2 |        | 2.9 | 3.7 |        | 1.8 | 2.9 | 130                                 |
| 135                                                                                                                                                                                                                                                              |       |      |     | 3.1   | 3.6 | 3.8 | 2.8    | 3.5 | 3.9 | 2      | 3   | 3.5 |        | 2.3 | 3.1 |        |     | 2.3 | 135                                 |
| 140                                                                                                                                                                                                                                                              |       |      |     | 2.7   | 3.1 |     | 2.3    | 2.9 | 3.3 |        | 2.4 | 2.9 |        |     | 2.5 |        |     |     | 140                                 |
| 145                                                                                                                                                                                                                                                              |       |      |     | 2.3   | 2.5 |     | 1.9    | 2.4 | 2.7 |        | 1.8 | 2.4 |        |     | 1.9 |        |     |     | 145                                 |
| 150                                                                                                                                                                                                                                                              |       |      |     | 1.9   | 2   |     |        | 1.9 |     |        |     |     |        |     |     |        |     |     | 150                                 |

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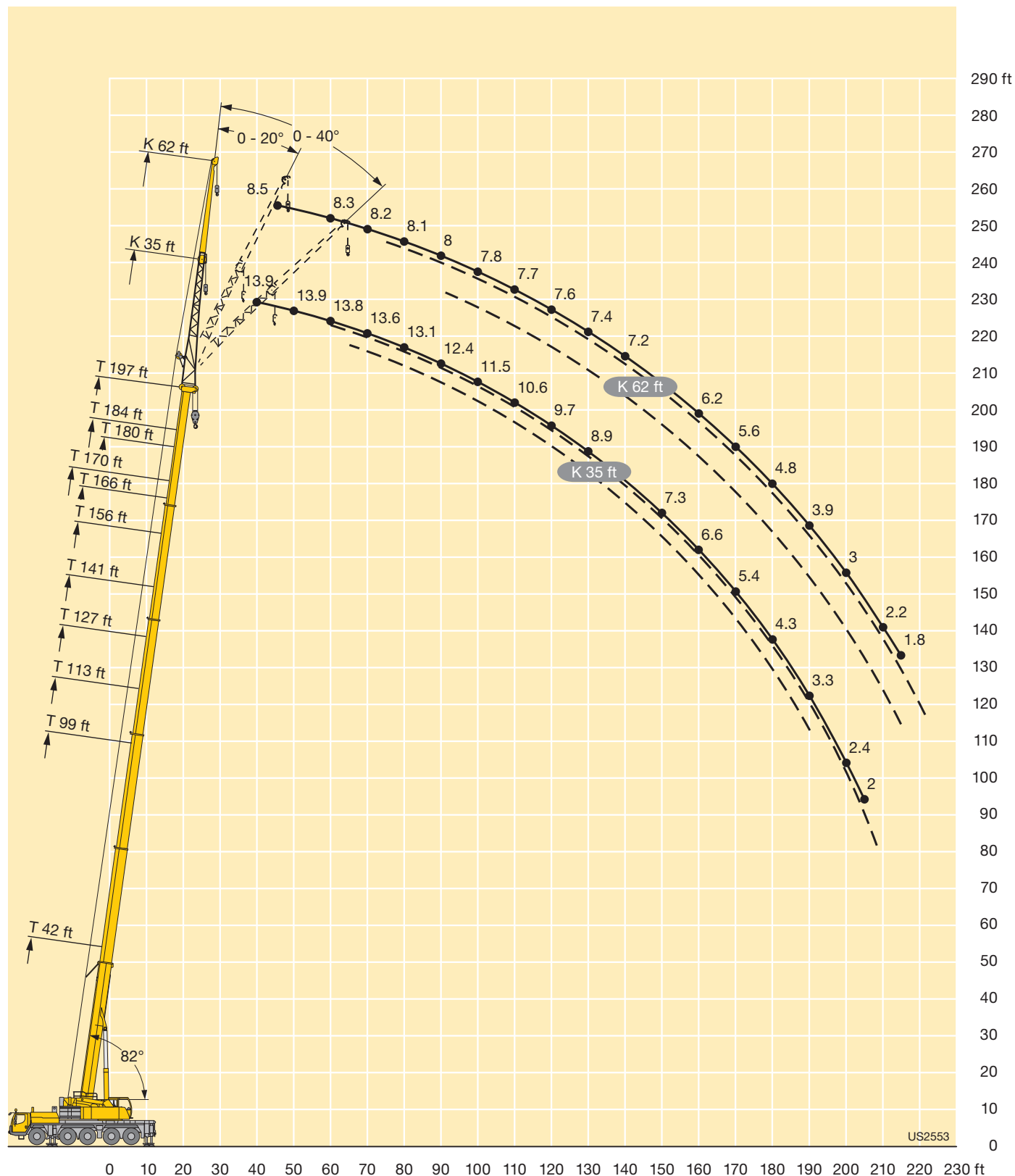
| <div><div>42 – 197 ft</div><div>62 ft</div><div></div><div>360°</div><div>14600 lbs</div><div><div>85%</div></div></div> |        |     |     |        |     |     |        |     |     |        |     |     |        |     |     |                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|------------------------------------------------------------------------------------------|
|  ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 166 ft |     |     | 170 ft |     |     | 180 ft |     |     | 184 ft |     |     | 197 ft |     |     |  ft |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                                                                          |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9.2    |     |     | 9.9    |     |     |        |     |     |        |     |     |        |     |     | 36                                                                                       |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9.2    |     |     | 9.8    |     |     |        |     |     |        |     |     |        |     |     | 38                                                                                       |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9.1    |     |     | 9.8    |     |     | 8.6    |     |     |        |     |     |        |     |     | 40                                                                                       |
| 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9      |     |     | 9.6    |     |     | 8.5    |     |     | 8.6    |     |     | 7.7    |     |     | 45                                                                                       |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.9    |     |     | 9.5    |     |     | 8.4    |     |     | 8.5    |     |     | 7.7    |     |     | 50                                                                                       |
| 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.8    |     |     | 9.4    |     |     | 8.3    |     |     | 8.4    |     |     | 7.6    |     |     | 55                                                                                       |
| 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.7    |     |     | 9.2    | 8.3 |     | 8.3    |     |     | 8.3    |     |     | 7.6    |     |     | 60                                                                                       |
| 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.6    | 7.9 |     | 9      | 8.2 |     | 8.2    | 7.7 |     | 8.2    | 7.7 |     | 7.5    |     |     | 65                                                                                       |
| 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.4    | 7.8 |     | 8.6    | 8.1 |     | 8.1    | 7.6 |     | 8.1    | 7.6 |     | 7.4    |     |     | 70                                                                                       |
| 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.3    | 7.8 |     | 8.2    | 8   |     | 7.9    | 7.5 |     | 7.2    | 7.6 |     | 6.6    | 7.1 |     | 75                                                                                       |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8      | 7.7 | 7.1 | 7.3    | 7.9 | 7.1 | 7.1    | 7.5 |     | 6      | 7.5 |     | 5.5    | 7   |     | 80                                                                                       |
| 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7      | 7.6 | 7   | 6.3    | 7.6 | 7.1 | 6      | 7.4 | 6.9 | 4.9    | 7.2 | 7   | 4.5    | 6.7 |     | 85                                                                                       |
| 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6      | 7.4 | 7   | 5.2    | 7.3 | 7   | 5      | 7   | 6.9 | 4      | 6.2 | 6.9 | 3.6    | 5.8 | 6.8 | 90                                                                                       |
| 95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.1    | 6.8 | 6.9 | 4.3    | 6.3 | 7   | 4.1    | 6.1 | 6.9 | 3      | 5.2 | 6.8 | 2.5    | 4.8 | 6.5 | 95                                                                                       |
| 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4.3    | 6   | 6.9 | 3.5    | 5.4 | 6.9 | 3.3    | 5.2 | 6.7 | 2      | 4.3 | 6   |        | 4   | 5.6 | 100                                                                                      |
| 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.5    | 5.2 | 6.5 | 2.7    | 4.5 | 6   | 2.4    | 4.4 | 5.8 |        | 3.5 | 5.1 |        | 3.2 | 4.7 | 105                                                                                      |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.8    | 4.4 | 5.7 | 1.8    | 3.8 | 5.1 |        | 3.6 | 5   |        | 2.6 | 4.2 |        | 2.3 | 3.9 | 110                                                                                      |
| 115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2      | 3.7 | 4.9 |        | 3.1 | 4.3 |        | 2.9 | 4.2 |        |     | 3.4 |        |     | 3.1 | 115                                                                                      |
| 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | 3   | 4.1 |        | 2.3 | 3.6 |        | 2.1 | 3.4 |        |     | 2.6 |        |     | 2.4 | 120                                                                                      |
| 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | 2.3 | 3.4 |        |     | 2.9 |        |     | 2.8 |        |     | 1.8 |        |     |     | 125                                                                                      |
| 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |     | 2.8 |        |     | 2.2 |        |     | 2   |        |     |     |        |     |     | 130                                                                                      |
| 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |     | 2.1 |        |     |     |        |     |     |        |     |     |        |     |     | 135                                                                                      |

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# Lifting heights Hauteurs de levage

**TNZK**



US2553



# Lifting capacities Forces de levage

TVNZK

|                                                                                   |               |  42 – 197 ft |      |                |  23 ft |      |                |  35 ft |      |                |  360° |      |                |  92600 lbs |      |                |  85% |      |                |     |     |                                                                                     |     |
|-----------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------|------|----------------|-----------------------------------------------------------------------------------------|------|----------------|-----------------------------------------------------------------------------------------|------|----------------|----------------------------------------------------------------------------------------|------|----------------|---------------------------------------------------------------------------------------------|------|----------------|---------------------------------------------------------------------------------------|------|----------------|-----|-----|-------------------------------------------------------------------------------------|-----|
|  | 42 ft + 23 ft |                                                                                               |      | 156 ft + 23 ft |                                                                                         |      | 166 ft + 23 ft |                                                                                         |      | 170 ft + 23 ft |                                                                                        |      | 180 ft + 23 ft |                                                                                             |      | 184 ft + 23 ft |                                                                                       |      | 197 ft + 23 ft |     |     |  |     |
|                                                                                   | 35 ft         |                                                                                               |      | 35 ft          |                                                                                         |      | 35 ft          |                                                                                         |      | 35 ft          |                                                                                        |      | 35 ft          |                                                                                             |      | 35 ft          |                                                                                       |      | 35 ft          |     |     |                                                                                     |     |
|                                                                                   | 0°            | 20°                                                                                           | 40°  | 0°             | 20°                                                                                     | 40°  | 0°             | 20°                                                                                     | 40°  | 0°             | 20°                                                                                    | 40°  | 0°             | 20°                                                                                         | 40°  | 0°             | 20°                                                                                   | 40°  | 0°             | 20° | 40° |                                                                                     |     |
| 14                                                                                | 14.6          |                                                                                               |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 14                                                                                  |     |
| 15                                                                                | 14.6          |                                                                                               |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 15                                                                                  |     |
| 16                                                                                | 14.6          |                                                                                               |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 16                                                                                  |     |
| 17                                                                                | 14.5          |                                                                                               |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 17                                                                                  |     |
| 18                                                                                | 14.5          |                                                                                               |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 18                                                                                  |     |
| 19                                                                                | 14.5          |                                                                                               |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 19                                                                                  |     |
| 20                                                                                | 14.5          | 14.5                                                                                          |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 20                                                                                  |     |
| 22                                                                                | 14.4          | 14.4                                                                                          |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 22                                                                                  |     |
| 24                                                                                | 14.2          | 14.3                                                                                          |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 24                                                                                  |     |
| 26                                                                                | 13.8          | 14                                                                                            |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 26                                                                                  |     |
| 28                                                                                | 13.4          | 13.5                                                                                          |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 28                                                                                  |     |
| 30                                                                                | 13            | 13.1                                                                                          | 12.6 |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 30                                                                                  |     |
| 32                                                                                | 12.6          | 12.6                                                                                          | 12.6 |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 32                                                                                  |     |
| 34                                                                                | 12.2          | 12.2                                                                                          | 12.4 |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 34                                                                                  |     |
| 36                                                                                | 11.8          | 11.8                                                                                          | 12   | 14.6           |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 36                                                                                  |     |
| 38                                                                                | 11.4          | 11.4                                                                                          | 11.6 | 14.6           |                                                                                         |      |                | 12.6                                                                                    |      |                | 12.9                                                                                   |      |                |                                                                                             |      |                |                                                                                       |      |                |     |     | 38                                                                                  |     |
| 40                                                                                | 11            | 11                                                                                            | 11.2 | 14.6           |                                                                                         |      |                | 12.6                                                                                    |      |                | 12.9                                                                                   |      |                | 11                                                                                          |      |                |                                                                                       |      |                |     |     | 40                                                                                  |     |
| 45                                                                                | 10.1          | 10.2                                                                                          | 10.4 | 14.5           |                                                                                         |      |                | 12.6                                                                                    |      |                | 12.9                                                                                   |      |                | 11                                                                                          |      |                | 11.2                                                                                  |      |                | 9.5 |     | 45                                                                                  |     |
| 50                                                                                | 9.3           | 9.6                                                                                           | 9.7  | 14.5           | 14.1                                                                                    |      |                | 12.6                                                                                    |      |                | 12.9                                                                                   |      |                | 11                                                                                          |      |                | 11.2                                                                                  |      |                | 9.5 |     | 50                                                                                  |     |
| 55                                                                                | 8.4           | 9                                                                                             | 9.1  | 14.3           | 13.6                                                                                    |      |                | 12.5                                                                                    | 12.3 |                | 12.8                                                                                   | 12.8 |                | 11                                                                                          | 11   |                | 11.2                                                                                  |      |                | 9.4 |     | 55                                                                                  |     |
| 60                                                                                | 7.6           | 8.4                                                                                           | 8.6  | 14.1           | 13.1                                                                                    | 12.3 | 12.4           | 12                                                                                      |      |                | 12.7                                                                                   | 12.5 |                | 11                                                                                          | 11   |                | 11.2                                                                                  | 11.2 |                | 9.4 | 9.5 | 60                                                                                  |     |
| 65                                                                                | 6.9           | 7.5                                                                                           | 8    | 13.6           | 12.6                                                                                    | 11.9 | 12.2           | 11.5                                                                                    | 11   |                | 12.7                                                                                   | 12.1 | 11.5           | 11                                                                                          | 10.9 | 10.6           | 11.2                                                                                  | 11.2 |                | 9.4 | 9.5 | 65                                                                                  |     |
| 70                                                                                | 6.3           | 6.8                                                                                           | 7.2  | 13.1           | 12.1                                                                                    | 11.4 | 11.9           | 11.1                                                                                    | 10.6 |                | 12.4                                                                                   | 11.7 | 11.2           | 10.9                                                                                        | 10.7 | 10.3           | 11.1                                                                                  | 11   | 10.7           | 9.4 | 9.5 | 9.3                                                                                 | 70  |
| 75                                                                                | 5.7           | 6.1                                                                                           | 6.4  | 12.7           | 11.6                                                                                    | 11.1 | 11.5           | 10.8                                                                                    | 10.3 |                | 12.1                                                                                   | 11.3 | 10.8           | 10.8                                                                                        | 10.4 | 10             | 11                                                                                    | 10.7 | 10.3           | 9.4 | 9.5 | 9.3                                                                                 | 75  |
| 80                                                                                | 5.2           | 5.5                                                                                           | 5.7  | 12.2           | 11.2                                                                                    | 10.7 | 11.2           | 10.4                                                                                    | 10   |                | 11.8                                                                                   | 11   | 10.4           | 10.6                                                                                        | 10.1 | 9.8            | 10.8                                                                                  | 10.5 | 10.1           | 9.3 | 9.4 | 9.2                                                                                 | 80  |
| 85                                                                                | 4.7           | 5                                                                                             | 5    | 11.8           | 10.8                                                                                    | 10.3 | 10.8           | 10.1                                                                                    | 9.7  |                | 11.4                                                                                   | 10.6 | 10.2           | 10.3                                                                                        | 9.8  | 9.5            | 10.7                                                                                  | 10.2 | 9.9            | 9.3 | 9.2 | 9.1                                                                                 | 85  |
| 90                                                                                | 4.3           | 4.4                                                                                           |      | 11.3           | 10.4                                                                                    | 10   | 10.4           | 9.8                                                                                     | 9.5  |                | 11.1                                                                                   | 10.3 | 9.9            | 10                                                                                          | 9.6  | 9.3            | 10.5                                                                                  | 9.9  | 9.6            | 9.2 | 9.1 | 8.9                                                                                 | 90  |
| 95                                                                                |               |                                                                                               |      | 10.8           | 10.1                                                                                    | 9.7  | 10             | 9.5                                                                                     | 9.2  |                | 10.7                                                                                   | 10   | 9.6            | 9.7                                                                                         | 9.4  | 9.1            | 10.2                                                                                  | 9.7  | 9.4            | 9.1 | 8.9 | 8.7                                                                                 | 95  |
| 100                                                                               |               |                                                                                               |      | 10.4           | 9.8                                                                                     | 9.5  | 9.6            | 9.3                                                                                     | 9    |                | 10.3                                                                                   | 9.7  | 9.4            | 9.4                                                                                         | 9.1  | 8.9            | 9.9                                                                                   | 9.5  | 9.2            | 9   | 8.7 | 8.6                                                                                 | 100 |
| 105                                                                               |               |                                                                                               |      | 10             | 9.5                                                                                     | 9.3  | 9.3            | 9                                                                                       | 8.8  |                | 10                                                                                     | 9.5  | 9.2            | 9.1                                                                                         | 8.9  | 8.7            | 9.7                                                                                   | 9.2  | 9              | 8.7 | 8.5 | 8.4                                                                                 | 105 |
| 110                                                                               |               |                                                                                               |      | 9.6            | 9.3                                                                                     | 9    | 9              | 8.8                                                                                     | 8.6  |                | 9.6                                                                                    | 9.2  | 9              | 8.9                                                                                         | 8.7  | 8.5            | 9.4                                                                                   | 9    | 8.8            | 8.5 | 8.4 | 8.2                                                                                 | 110 |
| 115                                                                               |               |                                                                                               |      | 9.2            | 9                                                                                       | 8.8  | 8.6            | 8.5                                                                                     | 8.4  |                | 9.3                                                                                    | 9    | 8.8            | 8.6                                                                                         | 8.4  | 8.3            | 9.1                                                                                   | 8.8  | 8.7            | 8.3 | 8.2 | 8.1                                                                                 | 115 |
| 120                                                                               |               |                                                                                               |      | 8.8            | 8.8                                                                                     | 8.7  | 8.3            | 8.3                                                                                     | 8.2  |                | 8.9                                                                                    | 8.7  | 8.6            | 8.3                                                                                         | 8.2  | 8.2            | 8.8                                                                                   | 8.6  | 8.5            | 8   | 8   | 7.9                                                                                 | 120 |
| 125                                                                               |               |                                                                                               |      | 8.4            | 8.5                                                                                     | 8.4  | 8              | 8                                                                                       | 8    |                | 8.6                                                                                    | 8.5  | 8.4            | 8                                                                                           | 7.9  | 8              | 8.5                                                                                   | 8.4  | 8.3            | 7.8 | 7.8 | 7.8                                                                                 | 125 |
| 130                                                                               |               |                                                                                               |      | 8              | 8.2                                                                                     | 8.1  | 7.6            | 7.7                                                                                     | 7.8  |                | 8.3                                                                                    | 8.3  | 8.3            | 7.7                                                                                         | 7.7  | 7.8            | 8.2                                                                                   | 8.2  | 8.1            | 7.5 | 7.5 | 7.6                                                                                 | 130 |
| 135                                                                               |               |                                                                                               |      | 7.7            | 7.8                                                                                     | 7.9  | 7.3            | 7.4                                                                                     | 7.5  |                | 7.9                                                                                    | 8    | 8              | 7.4                                                                                         | 7.4  | 7.5            | 7.9                                                                                   | 7.9  | 7.9            | 7.3 | 7.3 | 7.4                                                                                 | 135 |
| 140                                                                               |               |                                                                                               |      | 7.4            | 7.5                                                                                     | 7.6  | 7              | 7.1                                                                                     | 7.2  |                | 7.6                                                                                    | 7.7  | 7.8            | 7.2                                                                                         | 7.2  | 7.3            | 7.6                                                                                   | 7.7  | 7.7            | 7   | 7.1 | 7.2                                                                                 | 140 |
| 145                                                                               |               |                                                                                               |      | 7              | 7.1                                                                                     | 7.2  | 6.7            | 6.8                                                                                     | 6.9  |                | 7.3                                                                                    | 7.4  | 7.5            | 6.9                                                                                         | 7    | 7.1            | 7.3                                                                                   | 7.4  | 7.5            | 6.8 | 6.8 | 7                                                                                   | 145 |
| 150                                                                               |               |                                                                                               |      | 6.7            | 6.8                                                                                     | 6.9  | 6.3            | 6.5                                                                                     | 6.6  |                | 7                                                                                      | 7.1  | 7.2            | 6.6                                                                                         | 6.7  | 6.8            | 7.1                                                                                   | 7.1  | 7.2            | 6.5 | 6.6 | 6.8                                                                                 | 150 |
| 155                                                                               |               |                                                                                               |      | 6.4            | 6.5                                                                                     | 6.6  | 6              | 6.2                                                                                     | 6.3  |                | 6.7                                                                                    | 6.8  | 6.9            | 6.3                                                                                         | 6.4  | 6.6            | 6.8                                                                                   | 6.9  | 7              | 6.2 | 6.4 | 6.5                                                                                 | 155 |
| 160                                                                               |               |                                                                                               |      | 6.1            | 6.2                                                                                     | 6.3  | 5.8            | 5.9                                                                                     | 6    |                | 6.5                                                                                    | 6.6  | 6.6            | 6.1                                                                                         | 6.2  | 6.3            | 6.4                                                                                   | 6.6  | 6.7            | 5.9 | 6.1 | 6.2                                                                                 | 160 |
| 165                                                                               |               |                                                                                               |      | 5.9            | 6                                                                                       | 6    | 5.5            | 5.6                                                                                     | 5.7  |                | 6.2                                                                                    | 6.3  | 6.4            | 5.8                                                                                         | 5.9  | 6              | 6                                                                                     | 6.3  | 6.5            | 5.6 | 5.8 | 5.9                                                                                 | 165 |
| 170                                                                               |               |                                                                                               |      | 5.6            | 5.7                                                                                     | 5.8  | 5.2            | 5.3                                                                                     | 5.4  |                | 6                                                                                      | 6.1  | 6.1            | 5.6                                                                                         | 5.7  | 5.8            | 5.6                                                                                   | 5.9  | 6.1            | 5.1 | 5.5 | 5.6                                                                                 | 170 |
| 175                                                                               |               |                                                                                               |      | 5.4            | 5.5                                                                                     | 5.5  | 4.9            | 5.1                                                                                     | 5.1  |                | 5.8                                                                                    | 5.8  | 5.9            | 5.3                                                                                         | 5.4  | 5.5            | 5.1                                                                                   | 5.5  | 5.7            | 4.7 | 5.1 | 5.4                                                                                 | 175 |
| 180                                                                               |               |                                                                                               |      | 5.1            | 5.2                                                                                     |      | 4.7            | 4.8                                                                                     | 4.9  |                | 5.5                                                                                    | 5.6  | 5.7            | 5.1                                                                                         | 5.2  | 5.3            | 4.5                                                                                   | 5    | 5.2            | 4.2 | 4.6 | 4.9                                                                                 | 180 |
| 185                                                                               |               |                                                                                               |      | 4.9            | 5                                                                                       |      | 4.5            | 4.6                                                                                     | 4.6  |                | 5                                                                                      | 5.3  | 5.4            | 4.9                                                                                         | 5    | 5              | 4                                                                                     | 4.5  | 4.7            | 3.8 | 4.2 | 4.4                                                                                 | 185 |
| 190                                                                               |               |                                                                                               |      | 4.7            | 4.8                                                                                     |      | 4.3            | 4.3                                                                                     |      |                | 4.6                                                                                    | 4.8  |                | 4.5                                                                                         | 4.7  | 4.8            | 3.5                                                                                   | 3.9  | 4.1            | 3.3 | 3.7 | 3.9                                                                                 | 190 |
| 195                                                                               |               |                                                                                               |      | 4.5            | 4.6                                                                                     |      | 4              | 4.1                                                                                     |      |                | 4.1                                                                                    | 4.4  |                | 4                                                                                           | 4.3  | 4.4            | 3.1                                                                                   | 3.4  | 3.6            | 2.9 | 3.2 | 3.5                                                                                 | 195 |
| 200                                                                               |               |                                                                                               |      | 4.3            | 4.4                                                                                     |      | 3.8            | 3.9                                                                                     |      |                | 3.6                                                                                    | 3.9  |                | 3.5                                                                                         | 3.8  |                | 2.6                                                                                   | 2.9  | 3.1            | 2.4 | 2.8 | 3                                                                                   | 200 |
| 205                                                                               |               |                                                                                               |      | 3.3            |                                                                                         |      | 3.6            | 3.7                                                                                     |      |                | 3.2                                                                                    | 3.4  |                | 3.1                                                                                         | 3.4  |                | 2.2                                                                                   | 2.5  |                | 2   | 2.3 | 2.5                                                                                 | 205 |
| 210                                                                               |               |                                                                                               |      |                |                                                                                         |      | 3.4            | 3.5                                                                                     |      |                | 2.8                                                                                    | 2.9  |                | 2.7                                                                                         | 2.9  |                | 1.8                                                                                   | 2    |                |     | 1.9 | 2                                                                                   | 210 |
| 215                                                                               |               |                                                                                               |      |                |                                                                                         |      | 2.5            |                                                                                         |      |                | 2.5                                                                                    | 2.5  |                | 2.3                                                                                         | 2.5  |                |                                                                                       |      |                |     |     |                                                                                     | 215 |
| 220                                                                               |               |                                                                                               |      |                |                                                                                         |      |                |                                                                                         |      |                |                                                                                        |      |                | 2                                                                                           | 2.1  |                |                                                                                       |      |                |     |     |                                                                                     | 220 |

t\_205\_52001\_00\_000



# Lifting capacities Forces de levage

TVNZK

|                                                                                      |               |  42 – 197 ft |     |                |  23 ft |     |                |  62 ft |     |                |  |     |                |  360° |     |                |  92600 lbs |     |                |  85% |     |                |     |     |                                                                                        |     |
|--------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|-----|
|  ft | 42 ft + 23 ft |                                                                                               |     | 156 ft + 23 ft |                                                                                         |     | 166 ft + 23 ft |                                                                                         |     | 170 ft + 23 ft |                                                                                   |     | 180 ft + 23 ft |                                                                                        |     | 184 ft + 23 ft |                                                                                             |     | 194 ft + 23 ft |                                                                                       |     | 197 ft + 23 ft |     |     |  ft |     |
|                                                                                      | 62 ft         |                                                                                               |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                   |     | 62 ft          |                                                                                        |     | 62 ft          |                                                                                             |     | 62 ft          |                                                                                       |     | 62 ft          |     |     |                                                                                        |     |
|                                                                                      | 0°            | 20°                                                                                           | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                               | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20°                                                                                   | 40° | 0°             | 20° | 40° |                                                                                        |     |
| 17                                                                                   | 9.2           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 17                                                                                     |     |
| 18                                                                                   | 9.2           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 18                                                                                     |     |
| 19                                                                                   | 9.2           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 19                                                                                     |     |
| 20                                                                                   | 9.2           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 20                                                                                     |     |
| 22                                                                                   | 9.1           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 22                                                                                     |     |
| 24                                                                                   | 9.1           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 24                                                                                     |     |
| 26                                                                                   | 9             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 26                                                                                     |     |
| 28                                                                                   | 9             |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 28                                                                                     |     |
| 30                                                                                   | 8.9           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 30                                                                                     |     |
| 32                                                                                   | 8.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 32                                                                                     |     |
| 34                                                                                   | 8.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 34                                                                                     |     |
| 36                                                                                   | 8.7           | 8.5                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 36                                                                                     |     |
| 38                                                                                   | 8.6           | 8.5                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 38                                                                                     |     |
| 40                                                                                   | 8.5           | 8.4                                                                                           |     |                | 9.2                                                                                     |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 40                                                                                     |     |
| 45                                                                                   | 8.2           | 8.3                                                                                           |     |                | 9.1                                                                                     |     |                | 8.1                                                                                     |     |                | 8.3                                                                               |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 45                                                                                     |     |
| 50                                                                                   | 7.8           | 7.9                                                                                           |     |                | 9.1                                                                                     |     |                | 8.1                                                                                     |     |                | 8.3                                                                               |     |                | 7.4                                                                                    |     |                | 7.5                                                                                         |     |                |                                                                                       |     |                |     |     | 50                                                                                     |     |
| 55                                                                                   | 7.4           | 7.5                                                                                           | 7.6 | 9              |                                                                                         |     |                | 8.1                                                                                     |     |                | 8.3                                                                               |     |                | 7.4                                                                                    |     |                | 7.5                                                                                         |     |                | 6.6                                                                                   |     |                | 6.4 |     |                                                                                        | 55  |
| 60                                                                                   | 7             | 7.1                                                                                           | 7.3 | 9              |                                                                                         |     |                | 8.1                                                                                     |     |                | 8.3                                                                               |     |                | 7.4                                                                                    |     |                | 7.5                                                                                         |     |                | 6.6                                                                                   |     |                | 6.4 |     |                                                                                        | 60  |
| 65                                                                                   | 6.6           | 6.7                                                                                           | 6.9 | 8.9            | 8.4                                                                                     |     |                | 8.1                                                                                     |     |                | 8.3                                                                               |     |                | 7.4                                                                                    |     |                | 7.5                                                                                         |     |                | 6.6                                                                                   |     |                | 6.4 |     |                                                                                        | 65  |
| 70                                                                                   | 6.3           | 6.3                                                                                           | 6.5 | 8.8            | 8.4                                                                                     |     |                | 8.1                                                                                     | 7.9 |                | 8.2                                                                               | 8   |                | 7.4                                                                                    |     |                | 7.4                                                                                         |     |                | 6.6                                                                                   |     |                | 6.4 |     |                                                                                        | 70  |
| 75                                                                                   | 6             | 6                                                                                             | 6.2 | 8.7            | 8.3                                                                                     |     |                | 8                                                                                       | 7.8 |                | 8.2                                                                               | 8   |                | 7.3                                                                                    | 7.2 |                | 7.4                                                                                         | 7.4 |                | 6.6                                                                                   |     |                | 6.4 |     |                                                                                        | 75  |
| 80                                                                                   | 5.6           | 5.7                                                                                           | 5.9 | 8.6            | 8.1                                                                                     |     |                | 7.9                                                                                     | 7.7 |                | 8.1                                                                               | 7.9 |                | 7.3                                                                                    | 7.2 |                | 7.4                                                                                         | 7.4 |                | 6.6                                                                                   | 6.4 |                | 6.4 | 6.3 |                                                                                        | 80  |
| 85                                                                                   | 5.2           | 5.5                                                                                           | 5.6 | 8.5            | 7.9                                                                                     | 7.5 |                | 7.8                                                                                     | 7.4 |                | 8.1                                                                               | 7.7 |                | 7.3                                                                                    | 7.1 |                | 7.3                                                                                         | 7.3 |                | 6.6                                                                                   | 6.4 |                | 6.4 | 6.3 |                                                                                        | 85  |
| 90                                                                                   | 4.8           | 5.2                                                                                           | 5.4 | 8.3            | 7.7                                                                                     | 7.3 |                | 7.7                                                                                     | 7.3 | 6.9            | 8                                                                                 | 7.5 | 7.2            | 7.2                                                                                    | 7.1 | 6.7            | 7.3                                                                                         | 7.3 |                | 6.6                                                                                   | 6.4 |                | 6.4 | 6.3 |                                                                                        | 90  |
| 95                                                                                   | 4.4           | 4.9                                                                                           | 5.2 | 8              | 7.5                                                                                     | 7.1 |                | 7.6                                                                                     | 7.1 | 6.7            | 7.8                                                                               | 7.3 | 7              | 7.2                                                                                    | 6.9 | 6.6            | 7.3                                                                                         | 7.1 | 6.8            | 6.5                                                                                   | 6.4 | 6              | 6.4 | 6.3 |                                                                                        | 95  |
| 100                                                                                  | 4             | 4.6                                                                                           | 4.9 | 7.8            | 7.2                                                                                     | 6.9 |                | 7.4                                                                                     | 6.9 | 6.6            | 7.7                                                                               | 7.1 | 6.8            | 7.1                                                                                    | 6.7 | 6.5            | 7.2                                                                                         | 6.9 | 6.7            | 6.5                                                                                   | 6.4 | 6.1            | 6.4 | 6.3 | 6                                                                                      | 100 |
| 105                                                                                  | 3.7           | 4.1                                                                                           | 4.4 | 7.6            | 7                                                                                       | 6.7 |                | 7.2                                                                                     | 6.7 | 6.4            | 7.5                                                                               | 7   | 6.7            | 7                                                                                      | 6.5 | 6.3            | 7.1                                                                                         | 6.8 | 6.5            | 6.5                                                                                   | 6.3 | 6.1            | 6.3 | 6.2 | 6                                                                                      | 105 |
| 110                                                                                  | 3.4           | 3.7                                                                                           | 3.8 | 7.4            | 6.8                                                                                     | 6.6 |                | 7                                                                                       | 6.5 | 6.3            | 7.3                                                                               | 6.8 | 6.5            | 6.8                                                                                    | 6.4 | 6.2            | 7                                                                                           | 6.6 | 6.4            | 6.4                                                                                   | 6.2 | 6              | 6.3 | 6.1 | 6                                                                                      | 110 |
| 115                                                                                  | 3.1           | 3.3                                                                                           |     | 7.2            | 6.6                                                                                     | 6.4 |                | 6.8                                                                                     | 6.3 | 6.1            | 7.1                                                                               | 6.6 | 6.4            | 6.7                                                                                    | 6.2 | 6.1            | 6.9                                                                                         | 6.5 | 6.2            | 6.3                                                                                   | 6.1 | 5.9            | 6.2 | 6   | 5.9                                                                                    | 115 |
| 120                                                                                  |               |                                                                                               |     | 7              | 6.5                                                                                     | 6.2 |                | 6.6                                                                                     | 6.2 | 6              | 6.9                                                                               | 6.4 | 6.2            | 6.5                                                                                    | 6.1 | 5.9            | 6.7                                                                                         | 6.3 | 6.1            | 6.2                                                                                   | 5.9 | 5.8            | 6.1 | 5.9 | 5.8                                                                                    | 120 |
| 125                                                                                  |               |                                                                                               |     | 6.8            | 6.3                                                                                     | 6.1 |                | 6.4                                                                                     | 6   | 5.9            | 6.7                                                                               | 6.3 | 6.1            | 6.4                                                                                    | 6   | 5.8            | 6.6                                                                                         | 6.2 | 6              | 6.1                                                                                   | 5.8 | 5.7            | 6   | 5.8 | 5.7                                                                                    | 125 |
| 130                                                                                  |               |                                                                                               |     | 6.6            | 6.1                                                                                     | 6   |                | 6.3                                                                                     | 5.9 | 5.7            | 6.6                                                                               | 6.1 | 6              | 6.2                                                                                    | 5.8 | 5.7            | 6.4                                                                                         | 6   | 5.9            | 6                                                                                     | 5.7 | 5.6            | 5.9 | 5.7 | 5.6                                                                                    | 130 |
| 135                                                                                  |               |                                                                                               |     | 6.4            | 6                                                                                       | 5.9 |                | 6.1                                                                                     | 5.7 | 5.6            | 6.4                                                                               | 6   | 5.9            | 6                                                                                      | 5.7 | 5.6            | 6.3                                                                                         | 5.9 | 5.8            | 5.9                                                                                   | 5.6 | 5.5            | 5.8 | 5.6 | 5.5                                                                                    | 135 |
| 140                                                                                  |               |                                                                                               |     | 6.2            | 5.9                                                                                     | 5.7 |                | 5.9                                                                                     | 5.6 | 5.5            | 6.2                                                                               | 5.9 | 5.7            | 5.9                                                                                    | 5.6 | 5.5            | 6.2                                                                                         | 5.8 | 5.7            | 5.8                                                                                   | 5.5 | 5.4            | 5.7 | 5.5 | 5.4                                                                                    | 140 |
| 145                                                                                  |               |                                                                                               |     | 6.1            | 5.7                                                                                     | 5.6 |                | 5.8                                                                                     | 5.5 | 5.4            | 6.1                                                                               | 5.7 | 5.6            | 5.8                                                                                    | 5.5 | 5.4            | 6                                                                                           | 5.7 | 5.6            | 5.7                                                                                   | 5.4 | 5.3            | 5.6 | 5.4 | 5.3                                                                                    | 145 |
| 150                                                                                  |               |                                                                                               |     | 5.9            | 5.6                                                                                     | 5.5 |                | 5.6                                                                                     | 5.4 | 5.3            | 5.9                                                                               | 5.6 | 5.5            | 5.6                                                                                    | 5.3 | 5.3            | 5.9                                                                                         | 5.6 | 5.5            | 5.6                                                                                   | 5.3 | 5.2            | 5.5 | 5.3 | 5.2                                                                                    | 150 |
| 155                                                                                  |               |                                                                                               |     | 5.7            | 5.5                                                                                     | 5.4 |                | 5.4                                                                                     | 5.3 | 5.2            | 5.8                                                                               | 5.5 | 5.4            | 5.4                                                                                    | 5.2 | 5.2            | 5.7                                                                                         | 5.5 | 5.4            | 5.4                                                                                   | 5.2 | 5.1            | 5.4 | 5.2 | 5.1                                                                                    | 155 |
| 160                                                                                  |               |                                                                                               |     | 5.5            | 5.4                                                                                     | 5.3 |                | 5.3                                                                                     | 5.1 | 5.1            | 5.7                                                                               | 5.4 | 5.3            | 5.3                                                                                    | 5.1 | 5.1            | 5.6                                                                                         | 5.4 | 5.3            | 5.3                                                                                   | 5.1 | 5              | 5.3 | 5.1 | 5                                                                                      | 160 |
| 165                                                                                  |               |                                                                                               |     | 5.3            | 5.2                                                                                     | 5.2 |                | 5                                                                                       | 5   | 5.1            | 5.5                                                                               | 5.3 | 5.2            | 5.1                                                                                    | 5   | 5              | 5.4                                                                                         | 5.3 | 5.2            | 5.2                                                                                   | 5   | 5              | 5.1 | 5   | 4.9                                                                                    | 165 |
| 170                                                                                  |               |                                                                                               |     | 5.1            | 5.1                                                                                     | 5.2 |                | 4.8                                                                                     | 4.9 | 5              | 5.3                                                                               | 5.2 | 5.2            | 5                                                                                      | 4.9 | 5              | 5.3                                                                                         | 5.2 | 5.1            | 5                                                                                     | 4.9 | 4.9            | 4.9 | 4.9 | 4.9                                                                                    | 170 |
| 175                                                                                  |               |                                                                                               |     | 4.9            | 4.9                                                                                     | 5.1 |                | 4.6                                                                                     | 4.8 | 4.8            | 5.1                                                                               | 5.1 | 5.1            | 4.8                                                                                    | 4.8 | 4.9            | 5.1                                                                                         | 5.1 | 5.1            | 4.8                                                                                   | 4.8 | 4.8            | 4.7 | 4.8 | 4.8                                                                                    | 175 |
| 180                                                                                  |               |                                                                                               |     | 4.7            | 4.8                                                                                     | 4.9 |                | 4.4                                                                                     | 4.6 | 4.7            | 4.9                                                                               | 5   | 5              | 4.6                                                                                    | 4.7 | 4.8            | 4.7                                                                                         | 4.9 | 5              | 4.6                                                                                   | 4.7 | 4.8            | 4.4 | 4.7 | 4.8                                                                                    | 180 |
| 185                                                                                  |               |                                                                                               |     | 4.5            | 4.6                                                                                     | 4.8 |                | 4.2                                                                                     | 4.4 | 4.5            | 4.7                                                                               | 4.8 | 4.9            | 4.4                                                                                    | 4.6 | 4.7            | 4.4                                                                                         | 4.8 | 4.9            | 4.2                                                                                   | 4.6 | 4.7            | 4   | 4.6 | 4.6                                                                                    | 185 |
| 190                                                                                  |               |                                                                                               |     | 4.3            | 4.4                                                                                     | 4.5 |                | 4                                                                                       | 4.2 | 4.3            | 4.5                                                                               | 4.6 | 4.8            | 4.2                                                                                    | 4.4 | 4.6            | 4                                                                                           | 4.6 | 4.8            | 3.8                                                                                   | 4.4 | 4.6            | 3.6 | 4.3 | 4.5                                                                                    | 190 |
| 195                                                                                  |               |                                                                                               |     | 4.1            | 4.2                                                                                     | 4.3 |                | 3.8                                                                                     | 4   | 4.1            | 4.4                                                                               | 4.5 | 4.6            | 4                                                                                      | 4.2 | 4.4            | 3.6                                                                                         | 4.2 | 4.6            | 3.3                                                                                   | 4.1 | 4.4            | 3.2 | 3.9 | 4.3                                                                                    | 195 |
| 200                                                                                  |               |                                                                                               |     | 3.9            | 4                                                                                       | 4.1 |                | 3.6                                                                                     | 3.8 | 3.9            | 4.2                                                                               | 4.3 | 4.4            | 3.8                                                                                    | 4.1 | 4.2            | 3.1                                                                                         | 3.8 | 4.2            | 3                                                                                     | 3.7 | 4.1            | 2.8 | 3.5 | 4                                                                                      | 200 |
| 205                                                                                  |               |                                                                                               |     | 3.7            | 3.8                                                                                     |     |                | 3.4                                                                                     | 3.6 | 3.6            | 3.8                                                                               | 4.1 | 4.2            | 3.5                                                                                    | 3.9 | 4              | 2.8                                                                                         | 3.4 | 3.7            | 2.6                                                                                   | 3.3 | 3.7            | 2.4 | 3.1 | 3.5                                                                                    | 205 |
| 210                                                                                  |               |                                                                                               |     | 3.6            | 3.7                                                                                     |     |                | 3.2                                                                                     | 3.4 | 3.4            | 3.3                                                                               | 3.9 | 4              | 3.2                                                                                    | 3.6 | 3.8            | 2.4                                                                                         | 3   | 3.3            | 2.2                                                                                   | 2.9 | 3.2            | 2.1 | 2.7 | 3.1                                                                                    | 210 |
| 215                                                                                  |               |                                                                                               |     | 3.4            | 3.5                                                                                     |     |                | 3                                                                                       | 3.2 |                | 3                                                                                 | 3.4 | 3.6            | 2.8                                                                                    | 3.3 | 3.5            | 2                                                                                           | 2.6 | 2.8            | 1.9                                                                                   | 2.5 | 2.8            |     | 2.3 | 2.7                                                                                    | 215 |
| 220                                                                                  |               |                                                                                               |     | 3.2            | 3.3                                                                                     |     |                | 2.8                                                                                     | 3   |                | 2.6                                                                               | 3   |                | 2.5                                                                                    | 2.9 | 3.1            |                                                                                             | 2.1 | 2.4            |                                                                                       | 2.1 | 2.4            |     | 1.9 | 2.3                                                                                    | 220 |
| 225                                                                                  |               |                                                                                               |     | 3              | 3.2                                                                                     |     |                | 2.7                                                                                     | 2.8 |                | 2.2                                                                               | 2.6 |                | 2.1                                                                                    | 2.5 |                |                                                                                             |     | 1.9            |                                                                                       |     |                |     |     | 1.8                                                                                    | 225 |
| 230                                                                                  |               |                                                                                               |     | 2.6            |                                                                                         |     |                | 2.5                                                                                     | 2.6 |                | 1.9                                                                               | 2.2 |                | 1.8                                                                                    | 2.2 |                |                                                                                             |     |                |                                                                                       |     |                |     |     |                                                                                        | 230 |
| 235                                                                                  |               |                                                                                               |     |                |                                                                                         |     |                | 2.2                                                                                     | 2.4 |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |                                                                                        | 235 |
| 240                                                                                  |               |                                                                                               |     |                |                                                                                         |     |                | 1.9                                                                                     |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     |                                                                                        | 240 |

t\_205\_52101\_00\_000



# Lifting capacities Forces de levage

TVNZK

|                                                                                      |               |  42 – 197 ft<br>T |      |                |  23 ft<br>V |      |                |  35 ft<br>NZK |      |                |  |      |                |  360° |     |                |  14600 lbs |      |                | 85% |     |                                                                                        |     |  |
|--------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|------|----------------|----------------------------------------------------------------------------------------------|------|----------------|------------------------------------------------------------------------------------------------|------|----------------|-----------------------------------------------------------------------------------|------|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|------|----------------|-----|-----|----------------------------------------------------------------------------------------|-----|--|
|  ft | 42 ft + 23 ft |                                                                                                    |      | 156 ft + 23 ft |                                                                                              |      | 166 ft + 23 ft |                                                                                                |      | 170 ft + 23 ft |                                                                                   |      | 180 ft + 23 ft |                                                                                        |     | 184 ft + 23 ft |                                                                                             |      | 197 ft + 23 ft |     |     |  ft |     |  |
|                                                                                      | 35 ft         |                                                                                                    |      | 35 ft          |                                                                                              |      | 35 ft          |                                                                                                |      | 35 ft          |                                                                                   |      | 35 ft          |                                                                                        |     | 35 ft          |                                                                                             |      | 35 ft          |     |     |                                                                                        |     |  |
|                                                                                      | 0°            | 20°                                                                                                | 40°  | 0°             | 20°                                                                                          | 40°  | 0°             | 20°                                                                                            | 40°  | 0°             | 20°                                                                               | 40°  | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40°  | 0°             | 20° | 40° |                                                                                        |     |  |
| 14                                                                                   | 13.3          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 14                                                                                     |     |  |
| 15                                                                                   | 13.3          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 15                                                                                     |     |  |
| 16                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 16                                                                                     |     |  |
| 17                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 17                                                                                     |     |  |
| 18                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 18                                                                                     |     |  |
| 19                                                                                   | 13.2          |                                                                                                    |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 19                                                                                     |     |  |
| 20                                                                                   | 13.1          | 13.2                                                                                               |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 20                                                                                     |     |  |
| 22                                                                                   | 13.1          | 13.1                                                                                               |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 22                                                                                     |     |  |
| 24                                                                                   | 12.9          | 13                                                                                                 |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 24                                                                                     |     |  |
| 26                                                                                   | 12.6          | 12.7                                                                                               |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 26                                                                                     |     |  |
| 28                                                                                   | 12.2          | 12.3                                                                                               |      |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 28                                                                                     |     |  |
| 30                                                                                   | 11.8          | 11.9                                                                                               | 11.4 |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 30                                                                                     |     |  |
| 32                                                                                   | 11.5          | 11.5                                                                                               | 11.4 |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 32                                                                                     |     |  |
| 34                                                                                   | 11.1          | 11.1                                                                                               | 11.2 |                |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 34                                                                                     |     |  |
| 36                                                                                   | 10.7          | 10.7                                                                                               | 10.9 | 13.3           |                                                                                              |      |                |                                                                                                |      |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 36                                                                                     |     |  |
| 38                                                                                   | 10.4          | 10.4                                                                                               | 10.5 | 13.3           |                                                                                              |      |                | 11.5                                                                                           |      |                | 11.8                                                                              |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     | 38                                                                                     |     |  |
| 40                                                                                   | 10            | 10                                                                                                 | 10.2 | 13.3           |                                                                                              |      |                | 11.5                                                                                           |      |                | 11.8                                                                              |      |                | 10                                                                                     |     |                |                                                                                             |      |                |     |     | 40                                                                                     |     |  |
| 45                                                                                   | 9.2           | 9.3                                                                                                | 9.4  | 13.2           |                                                                                              |      |                | 11.4                                                                                           |      |                | 11.8                                                                              |      |                | 10                                                                                     |     |                | 10.2                                                                                        |      |                | 8.6 |     | 45                                                                                     |     |  |
| 50                                                                                   | 8.4           | 8.7                                                                                                | 8.8  | 13.1           | 12.9                                                                                         |      |                | 11.4                                                                                           |      |                | 11.7                                                                              |      |                | 10                                                                                     |     |                | 10.2                                                                                        |      |                | 8.6 |     | 50                                                                                     |     |  |
| 55                                                                                   | 7.6           | 8.2                                                                                                | 8.3  | 13             | 12.4                                                                                         |      |                | 11.4                                                                                           | 11.2 |                | 11.6                                                                              | 11.7 |                | 10                                                                                     | 10  |                | 10.2                                                                                        |      |                | 8.6 |     | 55                                                                                     |     |  |
| 60                                                                                   | 6.9           | 7.6                                                                                                | 7.8  | 12.8           | 11.9                                                                                         | 11.2 |                | 11.3                                                                                           | 10.9 |                | 11.6                                                                              | 11.4 |                | 10                                                                                     | 10  |                | 10.2                                                                                        | 10.2 |                | 8.6 | 8.6 | 60                                                                                     |     |  |
| 65                                                                                   | 6.3           | 6.9                                                                                                | 7.3  | 12.1           | 11.4                                                                                         | 10.8 |                | 11.1                                                                                           | 10.5 | 10             | 11.1                                                                              | 11   | 10.5           | 9.9                                                                                    | 9.9 | 9.6            | 9.5                                                                                         | 10.2 |                | 8.4 | 8.6 | 65                                                                                     |     |  |
| 70                                                                                   | 5.7           | 6.2                                                                                                | 6.6  | 10.7           | 11                                                                                           | 10.4 | 10.2           | 10.1                                                                                           | 9.7  |                | 9.5                                                                               | 10.6 | 10.1           | 9                                                                                      | 9.7 | 9.3            | 8                                                                                           | 9.5  | 9.7            | 7.3 | 8.5 | 8.4                                                                                    | 70  |  |
| 75                                                                                   | 5.2           | 5.6                                                                                                | 5.9  | 9.2            | 10.4                                                                                         | 10   |                | 8.9                                                                                            | 9.8  | 9.4            | 8.1                                                                               | 9.5  | 9.8            | 7.7                                                                                    | 9   | 9.1            | 6.6                                                                                         | 8.1  | 9.3            | 6   | 7.5 | 8.3                                                                                    | 75  |  |
| 80                                                                                   | 4.7           | 5                                                                                                  | 5.2  | 7.9            | 9.2                                                                                          | 9.7  | 7.6            | 8.9                                                                                            | 9.1  |                | 6.8                                                                               | 8.1  | 9.2            | 6.5                                                                                    | 7.8 | 8.8            | 5.4                                                                                         | 6.9  | 8              | 4.9 | 6.3 | 7.5                                                                                    | 80  |  |
| 85                                                                                   | 4.3           | 4.5                                                                                                | 4.6  | 6.7            | 7.9                                                                                          | 8.9  | 6.4            | 7.7                                                                                            | 8.6  |                | 5.6                                                                               | 6.9  | 8              | 5.4                                                                                    | 6.7 | 7.7            | 4.3                                                                                         | 5.7  | 6.8            | 3.9 | 5.2 | 6.3                                                                                    | 85  |  |
| 90                                                                                   | 3.9           | 4                                                                                                  |      | 5.7            | 6.8                                                                                          | 7.7  | 5.4            | 6.5                                                                                            | 7.5  |                | 4.6                                                                               | 5.8  | 6.8            | 4.4                                                                                    | 5.6 | 6.6            | 3.3                                                                                         | 4.6  | 5.7            | 2.9 | 4.3 | 5.2                                                                                    | 90  |  |
| 95                                                                                   |               |                                                                                                    |      | 4.8            | 5.8                                                                                          | 6.7  | 4.5            | 5.5                                                                                            | 6.4  |                | 3.7                                                                               | 4.8  | 5.7            | 3.5                                                                                    | 4.6 | 5.6            | 2.2                                                                                         | 3.6  | 4.6            | 1.8 | 3.3 | 4.3                                                                                    | 95  |  |
| 100                                                                                  |               |                                                                                                    |      | 3.9            | 4.9                                                                                          | 5.7  | 3.6            | 4.6                                                                                            | 5.4  |                | 2.8                                                                               | 4    | 4.8            | 2.6                                                                                    | 3.7 | 4.6            |                                                                                             | 2.7  | 3.7            |     |     | 3.4                                                                                    | 100 |  |
| 105                                                                                  |               |                                                                                                    |      | 3.2            | 4.1                                                                                          | 4.8  | 2.9            | 3.8                                                                                            | 4.6  |                | 1.9                                                                               | 3.1  | 3.9            |                                                                                        |     | 2.9            | 3.8                                                                                         |      | 2.8            |     |     | 2.4                                                                                    | 105 |  |
| 110                                                                                  |               |                                                                                                    |      | 2.3            | 3.3                                                                                          | 4    | 1.9            | 3.1                                                                                            | 3.8  |                |                                                                                   | 2.2  | 3.1            |                                                                                        | 2   | 2.9            |                                                                                             |      |                |     |     |                                                                                        | 110 |  |
| 115                                                                                  |               |                                                                                                    |      |                | 2.6                                                                                          | 3.2  |                | 2.3                                                                                            | 3    |                |                                                                                   |      | 2.3            |                                                                                        |     | 2.1            |                                                                                             |      |                |     |     |                                                                                        | 115 |  |
| 120                                                                                  |               |                                                                                                    |      |                |                                                                                              | 2.5  |                |                                                                                                | 2.3  |                |                                                                                   |      |                |                                                                                        |     |                |                                                                                             |      |                |     |     |                                                                                        | 120 |  |

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# Lifting capacities Forces de levage

TVNZK

|                                                                                      |               |  42 – 197 ft<br>T |     |                |  23 ft<br>V |     |                |  62 ft<br>NZK |     |                |  |     |                |  360° |     |                |  14600 lbs |     |                | 85% |     |                |     |     |                                                                                        |
|--------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------------|-----|----------------|------------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|-----|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|
|  ft | 42 ft + 23 ft |                                                                                                    |     | 156 ft + 23 ft |                                                                                              |     | 166 ft + 23 ft |                                                                                                |     | 170 ft + 23 ft |                                                                                   |     | 180 ft + 23 ft |                                                                                        |     | 184 ft + 23 ft |                                                                                             |     | 194 ft + 23 ft |     |     | 197 ft + 23 ft |     |     |  ft |
|                                                                                      | 62 ft         |                                                                                                    |     | 62 ft          |                                                                                              |     | 62 ft          |                                                                                                |     | 62 ft          |                                                                                   |     | 62 ft          |                                                                                        |     | 62 ft          |                                                                                             |     | 62 ft          |     |     | 62 ft          |     |     |                                                                                        |
|                                                                                      | 0°            | 20°                                                                                                | 40° | 0°             | 20°                                                                                          | 40° | 0°             | 20°                                                                                            | 40° | 0°             | 20°                                                                               | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                                                                        |
| 17                                                                                   | 8.3           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 17                                                                                     |
| 18                                                                                   | 8.3           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 18                                                                                     |
| 19                                                                                   | 8.3           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 19                                                                                     |
| 20                                                                                   | 8.3           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 20                                                                                     |
| 22                                                                                   | 8.2           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 22                                                                                     |
| 24                                                                                   | 8.2           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 24                                                                                     |
| 26                                                                                   | 8.1           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 26                                                                                     |
| 28                                                                                   | 8.1           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 28                                                                                     |
| 30                                                                                   | 8             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 30                                                                                     |
| 32                                                                                   | 8             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 32                                                                                     |
| 34                                                                                   | 8             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 34                                                                                     |
| 36                                                                                   | 7.9           | 7.7                                                                                                |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 36                                                                                     |
| 38                                                                                   | 7.8           | 7.7                                                                                                |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 38                                                                                     |
| 40                                                                                   | 7.8           | 7.7                                                                                                |     | 8.4            |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 40                                                                                     |
| 45                                                                                   | 7.5           | 7.5                                                                                                |     | 8.3            |                                                                                              |     | 7.3            |                                                                                                |     | 7.6            |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 45                                                                                     |
| 50                                                                                   | 7.1           | 7.2                                                                                                |     | 8.3            |                                                                                              |     | 7.3            |                                                                                                |     | 7.6            |                                                                                   |     | 6.7            |                                                                                        |     | 6.9            |                                                                                             |     |                |     |     |                |     |     | 50                                                                                     |
| 55                                                                                   | 6.7           | 6.8                                                                                                | 6.9 | 8.2            |                                                                                              |     | 7.3            |                                                                                                |     | 7.6            |                                                                                   |     | 6.7            |                                                                                        |     | 6.8            |                                                                                             |     | 6              |     |     | 5.8            |     |     | 55                                                                                     |
| 60                                                                                   | 6.3           | 6.4                                                                                                | 6.6 | 8.2            |                                                                                              |     | 7.3            |                                                                                                |     | 7.5            |                                                                                   |     | 6.7            |                                                                                        |     | 6.8            |                                                                                             |     | 6              |     |     | 5.8            |     |     | 60                                                                                     |
| 65                                                                                   | 6             | 6.1                                                                                                | 6.2 | 8.1            | 7.7                                                                                          |     | 7.3            |                                                                                                |     | 7.5            |                                                                                   |     | 6.7            |                                                                                        |     | 6.8            |                                                                                             |     | 6              |     |     | 5.8            |     |     | 65                                                                                     |
| 70                                                                                   | 5.7           | 5.8                                                                                                | 5.9 | 8              | 7.6                                                                                          |     | 7.3            | 7.2                                                                                            |     | 7.5            | 7.3                                                                               |     | 6.7            |                                                                                        |     | 6.8            |                                                                                             |     | 6              |     |     | 5.8            |     |     | 70                                                                                     |
| 75                                                                                   | 5.4           | 5.5                                                                                                | 5.6 | 7.9            | 7.5                                                                                          |     | 7.3            | 7.1                                                                                            |     | 7.4            | 7.2                                                                               |     | 6.7            | 6.6                                                                                    |     | 6.5            | 6.7                                                                                         |     | 6              |     |     | 5.7            |     |     | 75                                                                                     |
| 80                                                                                   | 5.1           | 5.2                                                                                                | 5.4 | 7.6            | 7.4                                                                                          |     | 7.2            | 7                                                                                              |     | 6.9            | 7.2                                                                               |     | 6.5            | 6.6                                                                                    |     | 5.6            | 6.7                                                                                         |     | 5.2            | 5.9 |     | 5              | 5.7 |     | 80                                                                                     |
| 85                                                                                   | 4.7           | 5                                                                                                  | 5.1 | 7              | 7.2                                                                                          | 6.8 | 6.5            | 6.8                                                                                            |     | 5.9            | 7                                                                                 |     | 5.5            | 6.5                                                                                    |     | 4.6            | 6.6                                                                                         |     | 4.3            | 5.8 |     | 4              | 5.7 |     | 85                                                                                     |
| 90                                                                                   | 4.3           | 4.8                                                                                                | 4.9 | 6              | 7                                                                                            | 6.6 | 5.7            | 6.6                                                                                            | 6.3 | 5              | 6.8                                                                               | 6.5 | 4.7            | 6.4                                                                                    | 6.1 | 3.7            | 5.8                                                                                         |     | 3.4            | 5.5 |     | 3.2            | 5.3 |     | 90                                                                                     |
| 95                                                                                   | 4             | 4.5                                                                                                | 4.7 | 5.1            | 6.7                                                                                          | 6.4 | 4.8            | 6.4                                                                                            | 6.1 | 4.1            | 6                                                                                 | 6.4 | 3.8            | 5.7                                                                                    | 6   | 2.7            | 4.9                                                                                         | 6.2 | 2.4            | 4.6 | 5.5 | 2.2            | 4.4 |     | 95                                                                                     |
| 100                                                                                  | 3.6           | 4.1                                                                                                | 4.5 | 4.3            | 6                                                                                            | 6.3 | 4              | 5.8                                                                                            | 6   | 3.2            | 5.2                                                                               | 6.2 | 3              | 4.8                                                                                    | 5.9 | 1.8            | 4.1                                                                                         | 5.7 |                | 3.8 | 5.4 |                | 3.6 | 5.2 | 100                                                                                    |
| 105                                                                                  | 3.4           | 3.7                                                                                                | 4   | 3.6            | 5.2                                                                                          | 6.1 | 3.2            | 4.9                                                                                            | 5.9 | 2.4            | 4.4                                                                               | 5.8 | 2.2            | 4.1                                                                                    | 5.5 |                | 3.3                                                                                         | 4.8 |                | 3.1 | 4.6 |                | 2.9 | 4.4 | 105                                                                                    |
| 110                                                                                  | 3.1           | 3.4                                                                                                | 3.5 | 2.8            | 4.4                                                                                          | 5.7 | 2.4            | 4.2                                                                                            | 5.5 |                | 3.6                                                                               | 5   |                | 3.4                                                                                    | 4.7 |                | 2.4                                                                                         | 4.1 |                | 2.2 | 3.8 |                |     | 3.6 | 110                                                                                    |
| 115                                                                                  | 2.8           | 3                                                                                                  |     | 2.1            | 3.7                                                                                          | 5   |                | 3.5                                                                                            | 4.7 |                | 2.9                                                                               | 4.2 |                | 2.6                                                                                    | 4   |                |                                                                                             | 3.3 |                |     | 3.1 |                |     | 2.9 | 115                                                                                    |
| 120                                                                                  |               |                                                                                                    |     |                | 3.1                                                                                          | 4.2 |                | 2.8                                                                                            | 4   |                | 2.1                                                                               | 3.5 |                | 1.9                                                                                    | 3.3 |                |                                                                                             | 2.5 |                |     | 2.4 |                |     | 2.2 | 120                                                                                    |
| 125                                                                                  |               |                                                                                                    |     |                | 2.4                                                                                          | 3.5 |                | 2.1                                                                                            | 3.3 |                |                                                                                   | 2.8 |                |                                                                                        | 2.6 |                |                                                                                             |     |                |     |     |                |     |     | 125                                                                                    |
| 130                                                                                  |               |                                                                                                    |     |                |                                                                                              | 2.9 |                |                                                                                                | 2.7 |                |                                                                                   | 2   |                |                                                                                        | 1.8 |                |                                                                                             |     |                |     |     |                |     |     | 130                                                                                    |
| 135                                                                                  |               |                                                                                                    |     |                |                                                                                              | 2.3 |                |                                                                                                | 2   |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 135                                                                                    |

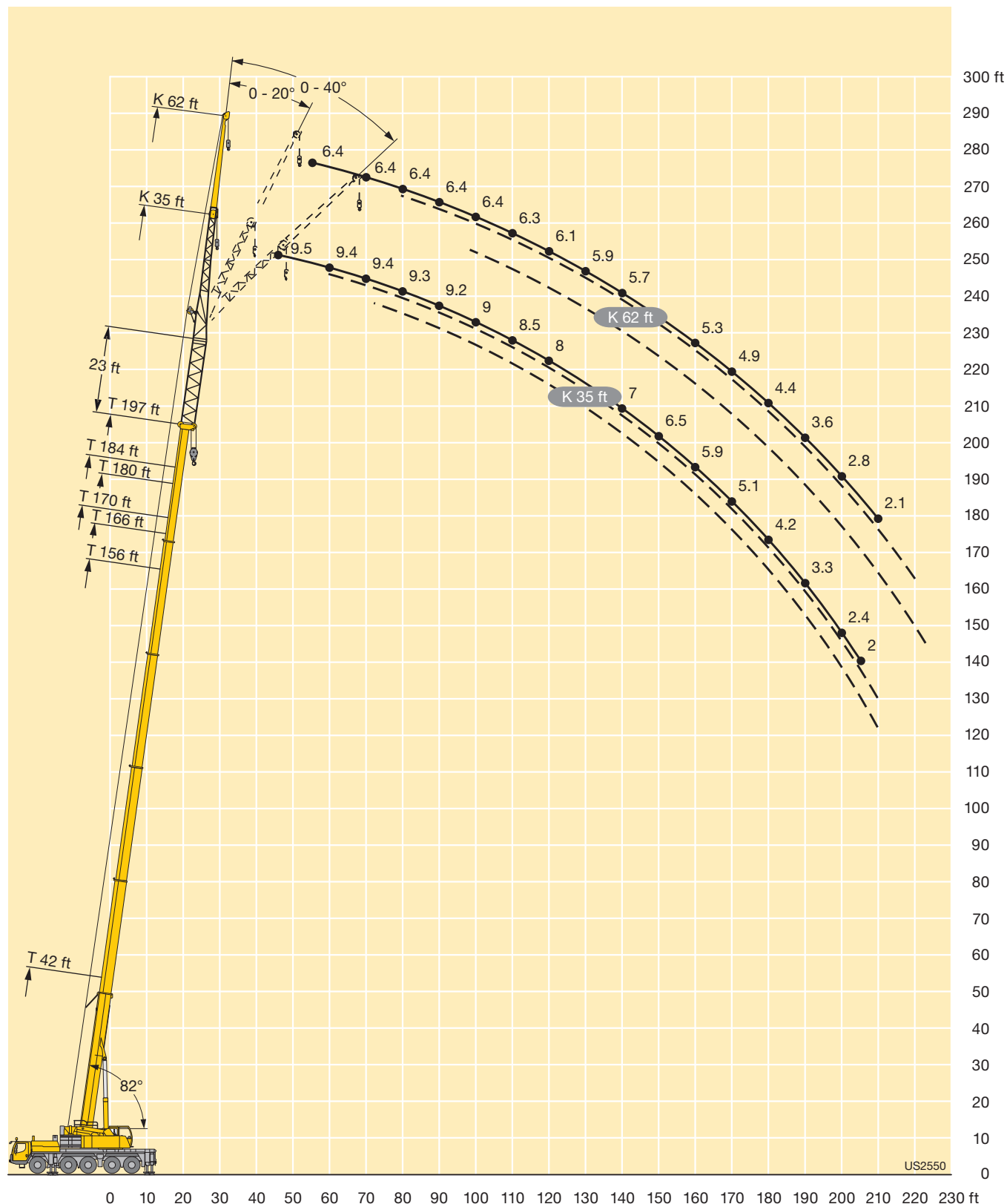
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# Lifting heights Hauteurs de levage

**TVNZK**



# Lifting capacities Forces de levage

TVNZK

|                                                                                      |               |  42 – 197 ft |     |                |  46 ft |     |                |  35 ft |     |                |  |     |                |  360° |     |                |  92600 lbs |     |                |  85% |     |                |     |     |                                                                                        |
|--------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|
|  ft | 42 ft + 46 ft |                                                                                               |     | 156 ft + 46 ft |                                                                                         |     | 166 ft + 46 ft |                                                                                         |     | 170 ft + 46 ft |                                                                                   |     | 180 ft + 46 ft |                                                                                        |     | 184 ft + 46 ft |                                                                                             |     | 194 ft + 46 ft |                                                                                       |     | 197 ft + 46 ft |     |     |  ft |
|                                                                                      | 35 ft         |                                                                                               |     | 35 ft          |                                                                                         |     | 35 ft          |                                                                                         |     | 35 ft          |                                                                                   |     | 35 ft          |                                                                                        |     | 35 ft          |                                                                                             |     | 35 ft          |                                                                                       |     | 35 ft          |     |     |                                                                                        |
|                                                                                      | 0°            | 20°                                                                                           | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                               | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20°                                                                                   | 40° | 0°             | 20° | 40° |                                                                                        |
| 14                                                                                   | 9.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 14                                                                                     |
| 15                                                                                   | 9.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 15                                                                                     |
| 16                                                                                   | 9.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 16                                                                                     |
| 17                                                                                   | 9.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 17                                                                                     |
| 18                                                                                   | 9.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 18                                                                                     |
| 19                                                                                   | 9.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 19                                                                                     |
| 20                                                                                   | 9.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 20                                                                                     |
| 22                                                                                   | 9.8           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 22                                                                                     |
| 24                                                                                   | 9.7           | 9.7                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 24                                                                                     |
| 26                                                                                   | 9.6           | 9.7                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 26                                                                                     |
| 28                                                                                   | 9.5           | 9.7                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 28                                                                                     |
| 30                                                                                   | 9.5           | 9.7                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 30                                                                                     |
| 32                                                                                   | 9.4           | 9.6                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 32                                                                                     |
| 34                                                                                   | 9.2           | 9.4                                                                                           | 9   |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 34                                                                                     |
| 36                                                                                   | 8.9           | 9.2                                                                                           | 9   |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 36                                                                                     |
| 38                                                                                   | 8.7           | 8.9                                                                                           | 9   |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 38                                                                                     |
| 40                                                                                   | 8.5           | 8.7                                                                                           | 8.9 | 9.8            |                                                                                         |     |                |                                                                                         |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 40                                                                                     |
| 45                                                                                   | 8             | 8.1                                                                                           | 8.3 | 9.8            |                                                                                         |     | 8.5            |                                                                                         |     | 8.8            |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 45                                                                                     |
| 50                                                                                   | 7.4           | 7.6                                                                                           | 7.7 | 9.7            |                                                                                         |     | 8.5            |                                                                                         |     | 8.7            |                                                                                   |     | 7.6            |                                                                                        |     | 7.5            |                                                                                             |     |                |                                                                                       |     |                |     |     | 50                                                                                     |
| 55                                                                                   | 7             | 7.1                                                                                           | 7.2 | 9.6            | 9.7                                                                                     |     | 8.5            |                                                                                         |     | 8.7            |                                                                                   |     | 7.6            |                                                                                        |     | 7.5            |                                                                                             |     | 6.6            |                                                                                       |     | 6.4            |     |     | 55                                                                                     |
| 60                                                                                   | 6.5           | 6.6                                                                                           | 6.8 | 9.5            | 9.5                                                                                     |     | 8.5            | 8.5                                                                                     |     | 8.6            | 8.7                                                                               |     | 7.5            |                                                                                        |     | 7.5            |                                                                                             |     | 6.6            |                                                                                       |     | 6.4            |     |     | 60                                                                                     |
| 65                                                                                   | 6.2           | 6.3                                                                                           | 6.4 | 9.4            | 9.2                                                                                     | 8.9 | 8.4            | 8.4                                                                                     |     | 8.6            | 8.7                                                                               |     | 7.5            | 7.6                                                                                    |     | 7.5            | 7.6                                                                                         |     | 6.6            | 6.6                                                                                   |     | 6.4            |     |     | 65                                                                                     |
| 70                                                                                   | 5.8           | 5.9                                                                                           | 6   | 9.2            | 8.9                                                                                     | 8.6 | 8.3            | 8.2                                                                                     | 8   | 8.5            | 8.5                                                                               | 8.4 | 7.5            | 7.6                                                                                    |     | 7.5            | 7.6                                                                                         |     | 6.6            | 6.6                                                                                   |     | 6.4            | 6.4 |     | 70                                                                                     |
| 75                                                                                   | 5.5           | 5.6                                                                                           | 5.7 | 8.9            | 8.6                                                                                     | 8.4 | 8.2            | 8                                                                                       | 7.8 | 8.4            | 8.3                                                                               | 8.1 | 7.5            | 7.5                                                                                    | 7.5 | 7.5            | 7.6                                                                                         | 7.6 | 6.6            | 6.6                                                                                   |     | 6.4            | 6.4 |     | 75                                                                                     |
| 80                                                                                   | 5             | 5.3                                                                                           | 5.4 | 8.7            | 8.3                                                                                     | 8.1 | 8              | 7.7                                                                                     | 7.6 | 8.2            | 8.1                                                                               | 7.9 | 7.4            | 7.4                                                                                    | 7.3 | 7.5            | 7.6                                                                                         | 7.5 | 6.5            | 6.6                                                                                   | 6.6 | 6.4            | 6.4 | 6.4 | 80                                                                                     |
| 85                                                                                   | 4.6           | 4.9                                                                                           | 5.1 | 8.4            | 8                                                                                       | 7.8 | 7.7            | 7.5                                                                                     | 7.3 | 8.1            | 7.8                                                                               | 7.6 | 7.3            | 7.2                                                                                    | 7.1 | 7.4            | 7.4                                                                                         | 7.3 | 6.5            | 6.6                                                                                   | 6.6 | 6.3            | 6.4 | 6.4 | 85                                                                                     |
| 90                                                                                   | 4.2           | 4.5                                                                                           | 4.8 | 8.1            | 7.8                                                                                     | 7.6 | 7.5            | 7.2                                                                                     | 7.1 | 7.9            | 7.6                                                                               | 7.4 | 7.2            | 7                                                                                      | 6.9 | 7.3            | 7.3                                                                                         | 7.1 | 6.5            | 6.6                                                                                   | 6.6 | 6.3            | 6.4 | 6.4 | 90                                                                                     |
| 95                                                                                   | 3.8           | 4.1                                                                                           | 4.3 | 7.8            | 7.5                                                                                     | 7.3 | 7.3            | 7                                                                                       | 6.9 | 7.7            | 7.4                                                                               | 7.2 | 7              | 6.8                                                                                    | 6.7 | 7.2            | 7.1                                                                                         | 7   | 6.5            | 6.5                                                                                   | 6.5 | 6.3            | 6.3 | 6.3 | 95                                                                                     |
| 100                                                                                  | 3.4           | 3.7                                                                                           | 3.8 | 7.6            | 7.2                                                                                     | 7.1 | 7.1            | 6.8                                                                                     | 6.7 | 7.4            | 7.1                                                                               | 7   | 6.9            | 6.6                                                                                    | 6.5 | 7.1            | 6.9                                                                                         | 6.8 | 6.4            | 6.3                                                                                   | 6.3 | 6.3            | 6.2 | 6.2 | 100                                                                                    |
| 105                                                                                  | 3.1           | 3.3                                                                                           | 3.3 | 7.3            | 7                                                                                       | 6.9 | 6.9            | 6.6                                                                                     | 6.5 | 7.2            | 6.9                                                                               | 6.8 | 6.7            | 6.5                                                                                    | 6.4 | 7              | 6.7                                                                                         | 6.6 | 6.4            | 6.2                                                                                   | 6.1 | 6.2            | 6.1 | 6.1 | 105                                                                                    |
| 110                                                                                  | 2.8           | 2.9                                                                                           | 3.3 | 7.1            | 6.8                                                                                     | 6.7 | 6.7            | 6.4                                                                                     | 6.3 | 7              | 6.7                                                                               | 6.6 | 6.5            | 6.3                                                                                    | 6.2 | 6.8            | 6.5                                                                                         | 6.4 | 6.2            | 6.1                                                                                   | 6   | 6.1            | 6   | 5.9 | 110                                                                                    |
| 115                                                                                  | 2.6           |                                                                                               |     | 6.8            | 6.6                                                                                     | 6.5 | 6.4            | 6.2                                                                                     | 6.1 | 6.8            | 6.5                                                                               | 6.4 | 6.3            | 6.1                                                                                    | 6   | 6.6            | 6.4                                                                                         | 6.3 | 6.1            | 5.9                                                                                   | 5.9 | 6              | 5.9 | 5.8 | 115                                                                                    |
| 120                                                                                  |               |                                                                                               |     | 6.6            | 6.4                                                                                     | 6.3 | 6.3            | 6.1                                                                                     | 6   | 6.6            | 6.3                                                                               | 6.2 | 6.1            | 6                                                                                      | 5.9 | 6.4            | 6.2                                                                                         | 6.1 | 5.9            | 5.8                                                                                   | 5.7 | 5.9            | 5.7 | 5.7 | 120                                                                                    |
| 125                                                                                  |               |                                                                                               |     | 6.4            | 6.2                                                                                     | 6.1 | 6.1            | 5.9                                                                                     | 5.8 | 6.4            | 6.2                                                                               | 6.1 | 6              | 5.8                                                                                    | 5.7 | 6.2            | 6                                                                                           | 5.9 | 5.8            | 5.6                                                                                   | 5.6 | 5.7            | 5.6 | 5.5 | 125                                                                                    |
| 130                                                                                  |               |                                                                                               |     | 6.2            | 6                                                                                       | 5.9 | 5.9            | 5.7                                                                                     | 5.6 | 6.2            | 6                                                                                 | 5.9 | 5.8            | 5.7                                                                                    | 5.6 | 6.1            | 5.9                                                                                         | 5.8 | 5.6            | 5.5                                                                                   | 5.5 | 5.6            | 5.5 | 5.4 | 130                                                                                    |
| 135                                                                                  |               |                                                                                               |     | 6              | 5.8                                                                                     | 5.8 | 5.7            | 5.6                                                                                     | 5.5 | 6              | 5.8                                                                               | 5.8 | 5.7            | 5.5                                                                                    | 5.5 | 5.9            | 5.7                                                                                         | 5.7 | 5.5            | 5.4                                                                                   | 5.3 | 5.5            | 5.3 | 5.3 | 135                                                                                    |
| 140                                                                                  |               |                                                                                               |     | 5.9            | 5.7                                                                                     | 5.6 | 5.5            | 5.4                                                                                     | 5.4 | 5.9            | 5.7                                                                               | 5.6 | 5.5            | 5.4                                                                                    | 5.3 | 5.8            | 5.6                                                                                         | 5.5 | 5.4            | 5.3                                                                                   | 5.2 | 5.4            | 5.2 | 5.2 | 140                                                                                    |
| 145                                                                                  |               |                                                                                               |     | 5.7            | 5.5                                                                                     | 5.5 | 5.4            | 5.3                                                                                     | 5.2 | 5.7            | 5.5                                                                               | 5.5 | 5.4            | 5.2                                                                                    | 5.2 | 5.6            | 5.5                                                                                         | 5.4 | 5.3            | 5.1                                                                                   | 5.1 | 5.2            | 5.1 | 5.1 | 145                                                                                    |
| 150                                                                                  |               |                                                                                               |     | 5.5            | 5.4                                                                                     | 5.3 | 5.2            | 5.1                                                                                     | 5.1 | 5.6            | 5.4                                                                               | 5.4 | 5.2            | 5.1                                                                                    | 5.1 | 5.5            | 5.3                                                                                         | 5.3 | 5.1            | 5                                                                                     | 5   | 5.1            | 5   | 5   | 150                                                                                    |
| 155                                                                                  |               |                                                                                               |     | 5.3            | 5.2                                                                                     | 5.2 | 5              | 5                                                                                       | 5   | 5.4            | 5.2                                                                               | 5.2 | 5              | 5                                                                                      | 5   | 5.3            | 5.2                                                                                         | 5.2 | 5              | 4.9                                                                                   | 4.9 | 5              | 4.9 | 4.8 | 155                                                                                    |
| 160                                                                                  |               |                                                                                               |     | 5.1            | 5.1                                                                                     | 5.1 | 4.8            | 4.8                                                                                     | 4.9 | 5.3            | 5.1                                                                               | 5.1 | 4.9            | 4.8                                                                                    | 4.8 | 5.2            | 5.1                                                                                         | 5.1 | 4.9            | 4.8                                                                                   | 4.8 | 4.9            | 4.8 | 4.8 | 160                                                                                    |
| 165                                                                                  |               |                                                                                               |     | 4.8            | 4.9                                                                                     | 5   | 4.6            | 4.7                                                                                     | 4.7 | 5.1            | 5                                                                                 | 5   | 4.7            | 4.7                                                                                    | 4.8 | 5              | 5                                                                                           | 5   | 4.7            | 4.7                                                                                   | 4.7 | 4.7            | 4.6 | 4.7 | 165                                                                                    |
| 170                                                                                  |               |                                                                                               |     | 4.6            | 4.7                                                                                     | 4.8 | 4.4            | 4.5                                                                                     | 4.5 | 4.9            | 4.9                                                                               | 4.9 | 4.5            | 4.6                                                                                    | 4.7 | 4.9            | 4.8                                                                                         | 4.9 | 4.5            | 4.6                                                                                   | 4.6 | 4.4            | 4.5 | 4.6 | 170                                                                                    |
| 175                                                                                  |               |                                                                                               |     | 4.4            | 4.5                                                                                     | 4.6 | 4.1            | 4.3                                                                                     | 4.3 | 4.7            | 4.7                                                                               | 4.7 | 4.3            | 4.4                                                                                    | 4.5 | 4.5            | 4.7                                                                                         | 4.8 | 4.3            | 4.5                                                                                   | 4.5 | 4.1            | 4.4 | 4.4 | 175                                                                                    |
| 180                                                                                  |               |                                                                                               |     | 4.2            | 4.3                                                                                     | 4.4 | 3.9            | 4                                                                                       | 4.1 | 4.5            | 4.5                                                                               | 4.6 | 4.2            | 4.3                                                                                    | 4.4 | 4.1            | 4.5                                                                                         | 4.6 | 3.9            | 4.2                                                                                   | 4.3 | 3.7            | 4.2 | 4.2 | 180                                                                                    |
| 185                                                                                  |               |                                                                                               |     | 4              | 4.1                                                                                     | 4.1 | 3.7            | 3.8                                                                                     | 3.9 | 4.3            | 4.3                                                                               | 4.4 | 4              | 4.1                                                                                    | 4.2 | 3.6            | 4.1                                                                                         | 4.3 | 3.5            | 3.9                                                                                   | 4.1 | 3.3            | 3.7 | 4   | 185                                                                                    |
| 190                                                                                  |               |                                                                                               |     | 3.8            | 3.9                                                                                     | 3.9 | 3.5            | 3.6                                                                                     | 3.6 | 4              | 4.1                                                                               | 4.2 | 3.7            | 3.9                                                                                    | 3.9 | 3.2            | 3.6                                                                                         | 3.9 | 3              | 3.5                                                                                   | 3.7 | 2.9            | 3.3 | 3.6 | 190                                                                                    |
| 195                                                                                  |               |                                                                                               |     | 3.6            | 3.7                                                                                     | 3.7 | 3.3            | 3.4                                                                                     | 3.4 | 3.8            | 3.9                                                                               | 4   | 3.5            | 3.7                                                                                    | 3.7 | 2.8            | 3.2                                                                                         | 3.4 | 2.6            | 3                                                                                     | 3.3 | 2.4            | 2.9 | 3.1 | 195                                                                                    |
| 200                                                                                  |               |                                                                                               |     | 3.4            | 3.5                                                                                     |     | 3              | 3.2                                                                                     | 3.2 | 3.4            | 3.7                                                                               | 3.7 | 3.2            | 3.5                                                                                    | 3.6 | 2.4            | 2.8                                                                                         | 3   | 2.2            | 2.6                                                                                   | 2.8 | 2              | 2.4 | 2.7 | 200                                                                                    |
| 205                                                                                  |               |                                                                                               |     | 3.2            | 3.3                                                                                     |     | 2.9            | 3                                                                                       |     | 3              | 3.3                                                                               | 3.4 | 2.8            | 3.1                                                                                    | 3.2 | 2              | 2.4                                                                                         | 2.5 | 1.8            | 2.2                                                                                   | 2.4 | 2              | 2.3 |     | 205                                                                                    |
| 210                                                                                  |               |                                                                                               |     | 3.1            | 3.1                                                                                     |     | 2.7            | 2.8                                                                                     |     | 2.6            | 2.8                                                                               |     | 2.4            | 2.8                                                                                    | 2.9 |                | 1.9                                                                                         | 2.1 |                | 1.8                                                                                   | 2   |                | 1.9 |     | 210                                                                                    |
| 215                                                                                  |               |                                                                                               |     | 2.9            | 3                                                                                       |     | 2.5            | 2.6                                                                                     |     | 2.2            | 2.4                                                                               |     | 2              | 2.4                                                                                    | 2.4 |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 215                                                                                    |
| 220                                                                                  |               |                                                                                               |     | 2.6            | 2.7                                                                                     |     | 2.3            | 2.4                                                                                     |     | 1.8            | 2                                                                                 |     |                |                                                                                        | 1.9 |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 220                                                                                    |
| 225                                                                                  |               |                                                                                               |     | 2.3            |                                                                                         |     | 2.1            | 2.2                                                                                     |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 225                                                                                    |
| 230                                                                                  |               |                                                                                               |     |                |                                                                                         |     |                | 1.9                                                                                     |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                       |     |                |     |     | 230                                                                                    |

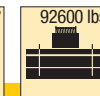
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# Lifting capacities Forces de levage

TVNZK

|                                                                                   |               |  42 – 194 ft |     |                |  46 ft |     |                |  62 ft |     |                |  360° |     |                |  92600 lbs |     |                |  85% |     |                |     |     |                                                                                     |
|-----------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|-----|-----|-------------------------------------------------------------------------------------|
|  | 42 ft + 46 ft |                                                                                               |     | 156 ft + 46 ft |                                                                                         |     | 166 ft + 46 ft |                                                                                         |     | 170 ft + 46 ft |                                                                                        |     | 180 ft + 46 ft |                                                                                             |     | 184 ft + 46 ft |                                                                                        |     | 194 ft + 46 ft |     |     |  |
|                                                                                   | 62 ft         |                                                                                               |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                         |     | 62 ft          |                                                                                        |     | 62 ft          |                                                                                             |     | 62 ft          |                                                                                        |     | 62 ft          |     |     |                                                                                     |
|                                                                                   | 0°            | 20°                                                                                           | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                     | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20° | 40° |                                                                                     |
| 18                                                                                | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 18                                                                                  |
| 19                                                                                | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 19                                                                                  |
| 20                                                                                | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 20                                                                                  |
| 22                                                                                | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 22                                                                                  |
| 24                                                                                | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 24                                                                                  |
| 26                                                                                | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 26                                                                                  |
| 28                                                                                | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 28                                                                                  |
| 30                                                                                | 6.6           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 30                                                                                  |
| 32                                                                                | 6.5           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 32                                                                                  |
| 34                                                                                | 6.5           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 34                                                                                  |
| 36                                                                                | 6.5           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 36                                                                                  |
| 38                                                                                | 6.4           |                                                                                               |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 38                                                                                  |
| 40                                                                                | 6.4           | 6.6                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 40                                                                                  |
| 45                                                                                | 6.3           | 6.6                                                                                           |     |                |                                                                                         |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 45                                                                                  |
| 50                                                                                | 6.1           | 6.4                                                                                           |     | 6.6            |                                                                                         |     | 5.8            |                                                                                         |     | 5.9            |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 50                                                                                  |
| 55                                                                                | 5.8           | 6.1                                                                                           | 5.9 | 6.6            |                                                                                         |     | 5.8            |                                                                                         |     | 5.9            |                                                                                        |     | 5.2            |                                                                                             |     | 5.2            |                                                                                        |     |                |     |     | 55                                                                                  |
| 60                                                                                | 5.5           | 5.7                                                                                           | 5.9 | 6.6            |                                                                                         |     | 5.8            |                                                                                         |     | 5.9            |                                                                                        |     | 5.1            |                                                                                             |     | 5.2            |                                                                                        |     | 4.5            |     |     | 60                                                                                  |
| 65                                                                                | 5.2           | 5.4                                                                                           | 5.7 | 6.5            |                                                                                         |     | 5.7            |                                                                                         |     | 5.8            |                                                                                        |     | 5.1            |                                                                                             |     | 5.1            |                                                                                        |     | 4.4            |     |     | 65                                                                                  |
| 70                                                                                | 4.9           | 5.1                                                                                           | 5.3 | 6.5            |                                                                                         |     | 5.7            |                                                                                         |     | 5.8            |                                                                                        |     | 5.1            |                                                                                             |     | 5.1            |                                                                                        |     | 4.4            |     |     | 70                                                                                  |
| 75                                                                                | 4.6           | 4.8                                                                                           | 5   | 6.4            | 6.5                                                                                     |     | 5.7            |                                                                                         |     | 5.8            |                                                                                        |     | 5              |                                                                                             |     | 5.1            |                                                                                        |     | 4.4            |     |     | 75                                                                                  |
| 80                                                                                | 4.4           | 4.5                                                                                           | 4.7 | 6.3            | 6.3                                                                                     |     | 5.7            | 5.8                                                                                     |     | 5.7            | 5.9                                                                                    |     | 5              | 5.2                                                                                         |     | 5              | 5.2                                                                                    |     | 4.4            |     |     | 80                                                                                  |
| 85                                                                                | 4.1           | 4.3                                                                                           | 4.5 | 6.2            | 6.2                                                                                     |     | 5.6            | 5.7                                                                                     |     | 5.7            | 5.8                                                                                    |     | 5              | 5.2                                                                                         |     | 5              | 5.2                                                                                    |     | 4.4            | 4.5 |     | 85                                                                                  |
| 90                                                                                | 3.9           | 4                                                                                             | 4.2 | 6.2            | 6                                                                                       | 5.8 | 5.5            | 5.6                                                                                     |     | 5.7            | 5.7                                                                                    |     | 5              | 5.1                                                                                         |     | 5              | 5.2                                                                                    |     | 4.3            | 4.5 |     | 90                                                                                  |
| 95                                                                                | 3.7           | 3.8                                                                                           | 4   | 6              | 5.8                                                                                     | 5.6 | 5.5            | 5.4                                                                                     | 5.3 | 5.6            | 5.6                                                                                    | 5.5 | 5              | 5.1                                                                                         |     | 5              | 5.2                                                                                    |     | 4.3            | 4.5 |     | 95                                                                                  |
| 100                                                                               | 3.5           | 3.6                                                                                           | 3.8 | 5.9            | 5.6                                                                                     | 5.4 | 5.4            | 5.2                                                                                     | 5.1 | 5.6            | 5.4                                                                                    | 5.3 | 4.9            | 5                                                                                           | 4.9 | 5              | 5.1                                                                                    | 5.1 | 4.3            | 4.5 |     | 100                                                                                 |
| 105                                                                               | 3.3           | 3.4                                                                                           | 3.6 | 5.7            | 5.4                                                                                     | 5.3 | 5.3            | 5.1                                                                                     | 5   | 5.5            | 5.3                                                                                    | 5.2 | 4.9            | 4.9                                                                                         | 4.8 | 5              | 5                                                                                      | 5   | 4.3            | 4.5 | 4.4 | 105                                                                                 |
| 110                                                                               | 3.1           | 3.3                                                                                           | 3.4 | 5.5            | 5.2                                                                                     | 5.1 | 5.2            | 4.9                                                                                     | 4.8 | 5.4            | 5.1                                                                                    | 5   | 4.9            | 4.8                                                                                         | 4.7 | 4.9            | 4.9                                                                                    | 4.9 | 4.3            | 4.5 | 4.4 | 110                                                                                 |
| 115                                                                               | 2.8           | 3.1                                                                                           | 3.2 | 5.3            | 5.1                                                                                     | 5   | 5              | 4.8                                                                                     | 4.7 | 5.2            | 5                                                                                      | 4.9 | 4.8            | 4.7                                                                                         | 4.6 | 4.9            | 4.8                                                                                    | 4.7 | 4.3            | 4.4 | 4.4 | 115                                                                                 |
| 120                                                                               | 2.5           | 2.9                                                                                           | 3.1 | 5.2            | 4.9                                                                                     | 4.8 | 4.8            | 4.6                                                                                     | 4.6 | 5.1            | 4.9                                                                                    | 4.7 | 4.7            | 4.5                                                                                         | 4.5 | 4.8            | 4.7                                                                                    | 4.6 | 4.3            | 4.3 | 4.3 | 120                                                                                 |
| 125                                                                               | 2.5           | 2.7                                                                                           | 2.8 | 5              | 4.8                                                                                     | 4.7 | 4.7            | 4.5                                                                                     | 4.4 | 4.9            | 4.7                                                                                    | 4.6 | 4.6            | 4.4                                                                                         | 4.4 | 4.7            | 4.6                                                                                    | 4.5 | 4.2            | 4.2 | 4.2 | 125                                                                                 |
| 130                                                                               | 2.5           | 2.6                                                                                           | 2.4 | 4.8            | 4.6                                                                                     | 4.5 | 4.5            | 4.4                                                                                     | 4.3 | 4.8            | 4.6                                                                                    | 4.5 | 4.4            | 4.3                                                                                         | 4.2 | 4.6            | 4.4                                                                                    | 4.4 | 4.1            | 4.1 | 4.1 | 130                                                                                 |
| 135                                                                               | 2.5           | 2.6                                                                                           | 2.2 | 4.7            | 4.5                                                                                     | 4.4 | 4.4            | 4.2                                                                                     | 4.2 | 4.6            | 4.4                                                                                    | 4.4 | 4.3            | 4.2                                                                                         | 4.1 | 4.5            | 4.3                                                                                    | 4.3 | 4.1            | 4   | 4   | 135                                                                                 |
| 140                                                                               | 2.5           | 2.6                                                                                           |     | 4.5            | 4.3                                                                                     | 4.3 | 4.3            | 4.1                                                                                     | 4.1 | 4.5            | 4.3                                                                                    | 4.2 | 4.2            | 4                                                                                           | 4   | 4.4            | 4.2                                                                                    | 4.2 | 4              | 3.9 | 3.9 | 140                                                                                 |
| 145                                                                               |               |                                                                                               |     | 4.4            | 4.2                                                                                     | 4.1 | 4.2            | 4                                                                                       | 4   | 4.4            | 4.2                                                                                    | 4.1 | 4.1            | 3.9                                                                                         | 3.9 | 4.3            | 4.1                                                                                    | 4.1 | 3.9            | 3.8 | 3.8 | 145                                                                                 |
| 150                                                                               |               |                                                                                               |     | 4.3            | 4.1                                                                                     | 4   | 4              | 3.9                                                                                     | 3.9 | 4.2            | 4.1                                                                                    | 4   | 4              | 3.8                                                                                         | 3.8 | 4.2            | 4                                                                                      | 4   | 3.9            | 3.7 | 3.7 | 150                                                                                 |
| 155                                                                               |               |                                                                                               |     | 4.1            | 4                                                                                       | 3.9 | 3.9            | 3.8                                                                                     | 3.7 | 4.1            | 4                                                                                      | 3.9 | 3.9            | 3.7                                                                                         | 3.7 | 4              | 3.9                                                                                    | 3.9 | 3.8            | 3.6 | 3.7 | 155                                                                                 |
| 160                                                                               |               |                                                                                               |     | 4              | 3.8                                                                                     | 3.8 | 3.8            | 3.7                                                                                     | 3.6 | 4              | 3.9                                                                                    | 3.8 | 3.8            | 3.6                                                                                         | 3.6 | 3.9            | 3.8                                                                                    | 3.8 | 3.7            | 3.6 | 3.6 | 160                                                                                 |
| 165                                                                               |               |                                                                                               |     | 3.9            | 3.7                                                                                     | 3.7 | 3.7            | 3.6                                                                                     | 3.6 | 3.9            | 3.8                                                                                    | 3.7 | 3.7            | 3.5                                                                                         | 3.5 | 3.8            | 3.7                                                                                    | 3.7 | 3.6            | 3.5 | 3.5 | 165                                                                                 |
| 170                                                                               |               |                                                                                               |     | 3.7            | 3.6                                                                                     | 3.6 | 3.6            | 3.5                                                                                     | 3.5 | 3.8            | 3.7                                                                                    | 3.6 | 3.6            | 3.5                                                                                         | 3.5 | 3.7            | 3.6                                                                                    | 3.6 | 3.5            | 3.4 | 3.4 | 170                                                                                 |
| 175                                                                               |               |                                                                                               |     | 3.6            | 3.5                                                                                     | 3.5 | 3.5            | 3.4                                                                                     | 3.4 | 3.7            | 3.5                                                                                    | 3.5 | 3.5            | 3.4                                                                                         | 3.4 | 3.6            | 3.5                                                                                    | 3.5 | 3.4            | 3.3 | 3.3 | 175                                                                                 |
| 180                                                                               |               |                                                                                               |     | 3.5            | 3.4                                                                                     | 3.4 | 3.3            | 3.3                                                                                     | 3.3 | 3.6            | 3.4                                                                                    | 3.5 | 3.4            | 3.3                                                                                         | 3.3 | 3.6            | 3.4                                                                                    | 3.4 | 3.3            | 3.2 | 3.3 | 180                                                                                 |
| 185                                                                               |               |                                                                                               |     | 3.4            | 3.3                                                                                     | 3.4 | 3.2            | 3.2                                                                                     | 3.2 | 3.5            | 3.4                                                                                    | 3.4 | 3.3            | 3.2                                                                                         | 3.2 | 3.5            | 3.3                                                                                    | 3.4 | 3.2            | 3.2 | 3.2 | 185                                                                                 |
| 190                                                                               |               |                                                                                               |     | 3.3            | 3.3                                                                                     | 3.3 | 3.1            | 3.1                                                                                     | 3.1 | 3.4            | 3.3                                                                                    | 3.3 | 3.2            | 3.1                                                                                         | 3.2 | 3.3            | 3.3                                                                                    | 3.3 | 3              | 3.1 | 3.1 | 190                                                                                 |
| 195                                                                               |               |                                                                                               |     | 3.2            | 3.2                                                                                     | 3.2 | 2.9            | 3                                                                                       | 3.1 | 3.3            | 3.2                                                                                    | 3.2 | 3.1            | 3.1                                                                                         | 3.1 | 3              | 3.2                                                                                    | 3.2 | 2.8            | 3   | 3.1 | 195                                                                                 |
| 200                                                                               |               |                                                                                               |     | 3.1            | 3.1                                                                                     | 3.2 | 2.7            | 2.9                                                                                     | 3   | 3.2            | 3.1                                                                                    | 3.2 | 2.9            | 3                                                                                           | 3   | 2.6            | 3.1                                                                                    | 3.2 | 2.5            | 2.9 | 3   | 200                                                                                 |
| 205                                                                               |               |                                                                                               |     | 2.9            | 3                                                                                       | 3.1 | 2.6            | 2.7                                                                                     | 2.9 | 3.1            | 3                                                                                      | 3.1 | 2.8            | 2.9                                                                                         | 2.9 | 2.2            | 2.9                                                                                    | 3.1 | 2.1            | 2.7 | 2.9 | 205                                                                                 |
| 210                                                                               |               |                                                                                               |     | 2.7            | 2.9                                                                                     | 3   | 2.4            | 2.6                                                                                     | 2.8 | 2.9            | 3                                                                                      | 3.1 | 2.6            | 2.8                                                                                         | 2.8 | 1.9            | 2.6                                                                                    | 3   |                | 2.4 | 2.8 | 210                                                                                 |
| 215                                                                               |               |                                                                                               |     | 2.6            | 2.7                                                                                     | 2.8 | 2.2            | 2.4                                                                                     | 2.6 | 2.6            | 2.9                                                                                    | 3   | 2.4            | 2.6                                                                                         | 2.8 |                | 2.2                                                                                    | 2.6 |                | 2.1 | 2.5 | 215                                                                                 |
| 220                                                                               |               |                                                                                               |     | 2.4            | 2.6                                                                                     | 2.6 | 2              | 2.2                                                                                     | 2.4 | 2.2            | 2.7                                                                                    | 2.9 | 2.1            | 2.5                                                                                         | 2.6 |                | 1.8                                                                                    | 2.2 |                |     | 2.1 | 220                                                                                 |
| 225                                                                               |               |                                                                                               |     | 2.3            | 2.4                                                                                     |     | 1.8            | 2                                                                                       | 2.1 | 1.9            | 2.4                                                                                    | 2.6 |                | 2.3                                                                                         | 2.4 |                |                                                                                        | 1.8 |                |     |     | 225                                                                                 |
| 230                                                                               |               |                                                                                               |     | 2.1            | 2.3                                                                                     |     |                | 1.9                                                                                     | 1.9 |                | 2                                                                                      | 2.2 |                | 1.9                                                                                         | 2.2 |                |                                                                                        |     |                |     |     | 230                                                                                 |
| 235                                                                               |               |                                                                                               |     | 2              | 2.1                                                                                     |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             | 1.8 |                |                                                                                        |     |                |     |     | 235                                                                                 |
| 240                                                                               |               |                                                                                               |     |                | 1.9                                                                                     |     |                |                                                                                         |     |                |                                                                                        |     |                |                                                                                             |     |                |                                                                                        |     |                |     |     | 240                                                                                 |

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# Lifting capacities Forces de levage

TVNZK

|                                                                                      |               |  42 – 197 ft<br>T |     |                |  46 ft<br>V |     |                |  35 ft<br>NZK |     |                |  |     |                |  360° |     |                |  14600 lbs |     |                | 85% |     |                |     |     |                                                                                        |
|--------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------------|-----|----------------|------------------------------------------------------------------------------------------------|-----|----------------|-----------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|-----|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|
|  ft | 42 ft + 46 ft |                                                                                                    |     | 156 ft + 46 ft |                                                                                              |     | 166 ft + 46 ft |                                                                                                |     | 170 ft + 46 ft |                                                                                   |     | 180 ft + 46 ft |                                                                                        |     | 184 ft + 46 ft |                                                                                             |     | 194 ft + 46 ft |     |     | 197 ft + 46 ft |     |     |  ft |
|                                                                                      | 35 ft         |                                                                                                    |     | 35 ft          |                                                                                              |     | 35 ft          |                                                                                                |     | 35 ft          |                                                                                   |     | 35 ft          |                                                                                        |     | 35 ft          |                                                                                             |     | 35 ft          |     |     | 35 ft          |     |     |                                                                                        |
|                                                                                      | 0°            | 20°                                                                                                | 40° | 0°             | 20°                                                                                          | 40° | 0°             | 20°                                                                                            | 40° | 0°             | 20°                                                                               | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                                                                        |
| 14                                                                                   | 8.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 14                                                                                     |
| 15                                                                                   | 8.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 15                                                                                     |
| 16                                                                                   | 8.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 16                                                                                     |
| 17                                                                                   | 8.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 17                                                                                     |
| 18                                                                                   | 8.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 18                                                                                     |
| 19                                                                                   | 8.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 19                                                                                     |
| 20                                                                                   | 8.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 20                                                                                     |
| 22                                                                                   | 8.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 22                                                                                     |
| 24                                                                                   | 8.8           | 8.8                                                                                                |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 24                                                                                     |
| 26                                                                                   | 8.7           | 8.8                                                                                                |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 26                                                                                     |
| 28                                                                                   | 8.6           | 8.8                                                                                                |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 28                                                                                     |
| 30                                                                                   | 8.6           | 8.8                                                                                                |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 30                                                                                     |
| 32                                                                                   | 8.5           | 8.7                                                                                                |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 32                                                                                     |
| 34                                                                                   | 8.3           | 8.5                                                                                                | 8.2 |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 34                                                                                     |
| 36                                                                                   | 8.1           | 8.3                                                                                                | 8.2 |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 36                                                                                     |
| 38                                                                                   | 7.9           | 8.1                                                                                                | 8.2 |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 38                                                                                     |
| 40                                                                                   | 7.7           | 7.9                                                                                                | 8.1 | 8.9            |                                                                                              |     |                |                                                                                                |     |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 40                                                                                     |
| 45                                                                                   | 7.2           | 7.4                                                                                                | 7.5 | 8.9            |                                                                                              |     | 7.8            |                                                                                                |     | 8              |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 45                                                                                     |
| 50                                                                                   | 6.8           | 6.9                                                                                                | 7   | 8.9            |                                                                                              |     | 7.8            |                                                                                                |     | 7.9            |                                                                                   |     | 6.9            |                                                                                        |     | 6.9            |                                                                                             |     |                |     |     |                |     |     | 50                                                                                     |
| 55                                                                                   | 6.3           | 6.4                                                                                                | 6.6 | 8.8            | 8.8                                                                                          |     | 7.7            |                                                                                                |     | 7.9            |                                                                                   |     | 6.9            |                                                                                        |     | 6.9            |                                                                                             |     | 6              |     |     | 5.8            |     |     | 55                                                                                     |
| 60                                                                                   | 5.9           | 6                                                                                                  | 6.2 | 8.7            | 8.6                                                                                          |     | 7.7            | 7.8                                                                                            |     | 7.9            | 7.9                                                                               |     | 6.9            |                                                                                        |     | 6.9            |                                                                                             |     | 6              |     |     | 5.8            |     |     | 60                                                                                     |
| 65                                                                                   | 5.6           | 5.7                                                                                                | 5.8 | 8.6            | 8.4                                                                                          | 8.1 | 7.6            | 7.7                                                                                            |     | 7.8            | 7.9                                                                               |     | 6.8            | 6.9                                                                                    |     | 6.9            | 6.9                                                                                         |     | 6              | 6   |     | 5.8            |     |     | 65                                                                                     |
| 70                                                                                   | 5.3           | 5.4                                                                                                | 5.5 | 8.4            | 8.1                                                                                          | 7.8 | 7.6            | 7.5                                                                                            | 7.3 | 7.7            | 7.7                                                                               | 7.6 | 6.8            | 6.9                                                                                    | 6.8 | 6.8            | 6.9                                                                                         | 6.9 | 6              | 6   |     | 5.8            | 5.8 |     | 70                                                                                     |
| 75                                                                                   | 5             | 5                                                                                                  | 5.1 | 8.1            | 7.8                                                                                          | 7.6 | 7.4            | 7.2                                                                                            | 7.1 | 7.3            | 7.6                                                                               | 7.4 | 6.7            | 6.9                                                                                    | 6.8 | 6              | 6.9                                                                                         | 6.9 | 5.5            | 6   |     | 5.3            | 5.8 |     | 75                                                                                     |
| 80                                                                                   | 4.6           | 4.8                                                                                                | 4.9 | 7.3            | 7.6                                                                                          | 7.3 | 7              | 7                                                                                              | 6.9 | 6.2            | 7.3                                                                               | 7.1 | 5.8            | 6.7                                                                                    | 6.6 | 4.9            | 6.2                                                                                         | 6.8 | 4.5            | 5.8 | 6   | 4.2            | 5.5 | 5.8 | 80                                                                                     |
| 85                                                                                   | 4.2           | 4.5                                                                                                | 4.6 | 6.3            | 7.2                                                                                          | 7.1 | 5.9            | 6.7                                                                                            | 6.7 | 5.2            | 6.4                                                                               | 6.9 | 4.8            | 6                                                                                      | 6.4 | 3.9            | 5.2                                                                                         | 6.3 | 3.5            | 4.8 | 5.7 | 3.3            | 4.6 | 5.6 | 85                                                                                     |
| 90                                                                                   | 3.8           | 4.1                                                                                                | 4.3 | 5.3            | 6.4                                                                                          | 6.9 | 4.9            | 6.1                                                                                            | 6.4 | 4.2            | 5.4                                                                               | 6.4 | 3.9            | 5                                                                                      | 5.9 | 2.7            | 4.2                                                                                         | 5.2 |                | 3.9 | 4.9 |                | 3.7 | 4.7 | 90                                                                                     |
| 95                                                                                   | 3.5           | 3.7                                                                                                | 3.9 | 4.4            | 5.5                                                                                          | 6.2 | 4              | 5.1                                                                                            | 6   | 3.3            | 4.5                                                                               | 5.4 | 3              | 4.2                                                                                    | 5   |                | 3.3                                                                                         | 4.3 |                | 3   | 4   |                | 2.8 | 3.8 | 95                                                                                     |
| 100                                                                                  | 3.1           | 3.3                                                                                                | 3.4 | 3.5            | 4.5                                                                                          | 5.4 | 3.2            | 4.3                                                                                            | 5.1 | 2.3            | 3.6                                                                               | 4.5 | 1.9            | 3.4                                                                                    | 4.2 |                | 2.2                                                                                         | 3.4 |                |     | 3.1 |                |     | 2.9 | 100                                                                                    |
| 105                                                                                  | 2.8           | 3                                                                                                  | 3   | 2.7            | 3.7                                                                                          | 4.5 | 2.3            | 3.4                                                                                            | 4.2 |                | 2.8                                                                               | 3.6 |                | 2.4                                                                                    | 3.4 |                |                                                                                             | 2.4 |                |     |     |                |     | 2   | 105                                                                                    |
| 110                                                                                  | 2.6           | 2.7                                                                                                | 3   | 1.8            | 3                                                                                            | 3.7 |                | 2.7                                                                                            | 3.4 |                | 1.8                                                                               | 2.8 |                |                                                                                        | 2.6 |                |                                                                                             |     |                |     |     |                |     |     | 110                                                                                    |
| 115                                                                                  | 2.4           |                                                                                                    |     |                | 2.2                                                                                          | 2.9 |                | 1.8                                                                                            | 2.7 |                |                                                                                   | 2   |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 115                                                                                    |
| 120                                                                                  |               |                                                                                                    |     |                | 2.2                                                                                          |     |                |                                                                                                | 1.9 |                |                                                                                   |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 120                                                                                    |

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# Lifting capacities Forces de levage

TVNZK

|                                                                                      |               |  42 – 194 ft<br>T |     |                |  46 ft<br>V |     |                |  62 ft<br>NZK |     |                |  360° |     |                |  14600 lbs |     |                | 85% |     |                |     |     |                                                                                        |     |
|--------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------------|-----|----------------|------------------------------------------------------------------------------------------------|-----|----------------|----------------------------------------------------------------------------------------|-----|----------------|---------------------------------------------------------------------------------------------|-----|----------------|-----|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|-----|
|  ft | 42 ft + 46 ft |                                                                                                    |     | 156 ft + 46 ft |                                                                                              |     | 166 ft + 46 ft |                                                                                                |     | 170 ft + 46 ft |                                                                                        |     | 180 ft + 46 ft |                                                                                             |     | 184 ft + 46 ft |     |     | 194 ft + 46 ft |     |     |  ft |     |
|                                                                                      | 62 ft         |                                                                                                    |     | 62 ft          |                                                                                              |     | 62 ft          |                                                                                                |     | 62 ft          |                                                                                        |     | 62 ft          |                                                                                             |     | 62 ft          |     |     | 62 ft          |     |     |                                                                                        |     |
|                                                                                      | 0°            | 20°                                                                                                | 40° | 0°             | 20°                                                                                          | 40° | 0°             | 20°                                                                                            | 40° | 0°             | 20°                                                                                    | 40° | 0°             | 20°                                                                                         | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                                                                        |     |
| 18                                                                                   | 6             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 18                                                                                     |     |
| 19                                                                                   | 6             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 19                                                                                     |     |
| 20                                                                                   | 6             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 20                                                                                     |     |
| 22                                                                                   | 6             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 22                                                                                     |     |
| 24                                                                                   | 6             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 24                                                                                     |     |
| 26                                                                                   | 6             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 26                                                                                     |     |
| 28                                                                                   | 6             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 28                                                                                     |     |
| 30                                                                                   | 6             |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 30                                                                                     |     |
| 32                                                                                   | 5.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 32                                                                                     |     |
| 34                                                                                   | 5.9           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 34                                                                                     |     |
| 36                                                                                   | 5.8           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 36                                                                                     |     |
| 38                                                                                   | 5.8           |                                                                                                    |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 38                                                                                     |     |
| 40                                                                                   | 5.8           | 6                                                                                                  |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 40                                                                                     |     |
| 45                                                                                   | 5.6           | 6                                                                                                  |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     | 45                                                                                     |     |
| 50                                                                                   | 5.6           | 5.8                                                                                                |     | 6              |                                                                                              |     |                | 5.3                                                                                            |     |                | 5.3                                                                                    |     |                |                                                                                             |     |                |     |     |                |     |     | 50                                                                                     |     |
| 55                                                                                   | 5.3           | 5.5                                                                                                | 5.3 | 6              |                                                                                              |     |                | 5.3                                                                                            |     |                | 5.3                                                                                    |     |                | 4.6                                                                                         |     |                | 4.7 |     |                |     |     | 55                                                                                     |     |
| 60                                                                                   | 5             | 5.2                                                                                                | 5.3 | 5.9            |                                                                                              |     |                | 5.2                                                                                            |     |                | 5.3                                                                                    |     |                | 4.7                                                                                         |     |                | 4.7 |     |                | 3.9 |     | 60                                                                                     |     |
| 65                                                                                   | 4.7           | 4.9                                                                                                | 5.1 | 5.9            |                                                                                              |     |                | 5.2                                                                                            |     |                | 5.3                                                                                    |     |                | 4.6                                                                                         |     |                | 4.7 |     |                | 4   |     | 65                                                                                     |     |
| 70                                                                                   | 4.4           | 4.6                                                                                                | 4.8 | 5.9            |                                                                                              |     |                | 5.2                                                                                            |     |                | 5.3                                                                                    |     |                | 4.6                                                                                         |     |                | 4.6 |     |                | 4   |     | 70                                                                                     |     |
| 75                                                                                   | 4.2           | 4.4                                                                                                | 4.6 | 5.8            | 5.9                                                                                          |     |                | 5.2                                                                                            |     |                | 5.3                                                                                    |     |                | 4.6                                                                                         |     |                | 4.6 |     |                | 4   |     | 75                                                                                     |     |
| 80                                                                                   | 4             | 4.1                                                                                                | 4.3 | 5.8            | 5.8                                                                                          |     |                | 5.1                                                                                            | 5.3 |                | 5.2                                                                                    | 5.3 |                | 4.6                                                                                         | 4.7 |                | 4.6 | 4.7 |                | 4   |     | 80                                                                                     |     |
| 85                                                                                   | 3.7           | 3.9                                                                                                | 4.1 | 5.6            | 5.6                                                                                          |     |                | 5.1                                                                                            | 5.2 |                | 5.1                                                                                    | 5.3 |                | 4.4                                                                                         | 4.7 |                | 3.9 | 4.7 |                | 3.5 | 4.1 | 85                                                                                     |     |
| 90                                                                                   | 3.5           | 3.7                                                                                                | 3.8 | 5.2            | 5.4                                                                                          | 5.3 |                | 4.8                                                                                            | 5.1 |                | 4.3                                                                                    | 5.2 |                | 3.9                                                                                         | 4.7 |                | 3.1 | 4.7 |                |     | 4.1 | 90                                                                                     |     |
| 95                                                                                   | 3.4           | 3.5                                                                                                | 3.6 | 4.6            | 5.3                                                                                          | 5.1 |                | 4.1                                                                                            | 4.9 | 4.8            | 3.6                                                                                    | 5.1 | 5              | 3.1                                                                                         | 4.6 |                |     | 4.3 |                |     | 3.9 | 95                                                                                     |     |
| 100                                                                                  | 3.2           | 3.3                                                                                                | 3.4 | 3.8            | 5.1                                                                                          | 5   |                | 3.4                                                                                            | 4.8 | 4.7            | 2.7                                                                                    | 4.6 | 4.8            | 2.3                                                                                         | 4.2 | 4.5            |     | 3.5 | 4.6            |     | 3.2 |                                                                                        | 100 |
| 105                                                                                  | 3             | 3.1                                                                                                | 3.3 | 3              | 4.6                                                                                          | 4.8 |                | 2.7                                                                                            | 4.4 | 4.5            | 1.8                                                                                    | 3.9 | 4.7            |                                                                                             | 3.5 | 4.4            |     | 2.8 | 4.3            |     | 2.4 | 4                                                                                      | 105 |
| 110                                                                                  | 2.8           | 3                                                                                                  | 3.1 | 2.3            | 4                                                                                            | 4.6 |                | 1.8                                                                                            | 3.7 | 4.4            |                                                                                        | 3.2 | 4.4            |                                                                                             | 2.8 | 4.2            |     | 1.9 | 3.6            |     |     | 3.3                                                                                    | 110 |
| 115                                                                                  | 2.6           | 2.8                                                                                                | 3   |                | 3.4                                                                                          | 4.5 |                |                                                                                                | 3   | 4.2            |                                                                                        | 2.4 | 3.8            |                                                                                             | 2   | 3.5            |     |     | 2.9            |     |     | 2.6                                                                                    | 115 |
| 120                                                                                  | 2.3           | 2.6                                                                                                | 2.8 |                | 2.6                                                                                          | 3.9 |                |                                                                                                | 2.3 | 3.6            |                                                                                        |     | 3.1            |                                                                                             |     | 2.9            |     |     | 2.2            |     |     |                                                                                        | 120 |
| 125                                                                                  | 2.3           | 2.4                                                                                                | 2.5 |                | 1.9                                                                                          | 3.3 |                |                                                                                                |     | 3              |                                                                                        |     | 2.5            |                                                                                             |     | 2.2            |     |     |                |     |     |                                                                                        | 125 |
| 130                                                                                  | 2.3           | 2.3                                                                                                | 2.1 |                |                                                                                              | 2.6 |                |                                                                                                |     | 2.3            |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     |                                                                                        | 130 |
| 135                                                                                  | 2.3           | 2.3                                                                                                | 1.9 |                |                                                                                              | 1.9 |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     |                                                                                        | 135 |
| 140                                                                                  | 2.3           | 2.3                                                                                                |     |                |                                                                                              |     |                |                                                                                                |     |                |                                                                                        |     |                |                                                                                             |     |                |     |     |                |     |     |                                                                                        | 140 |

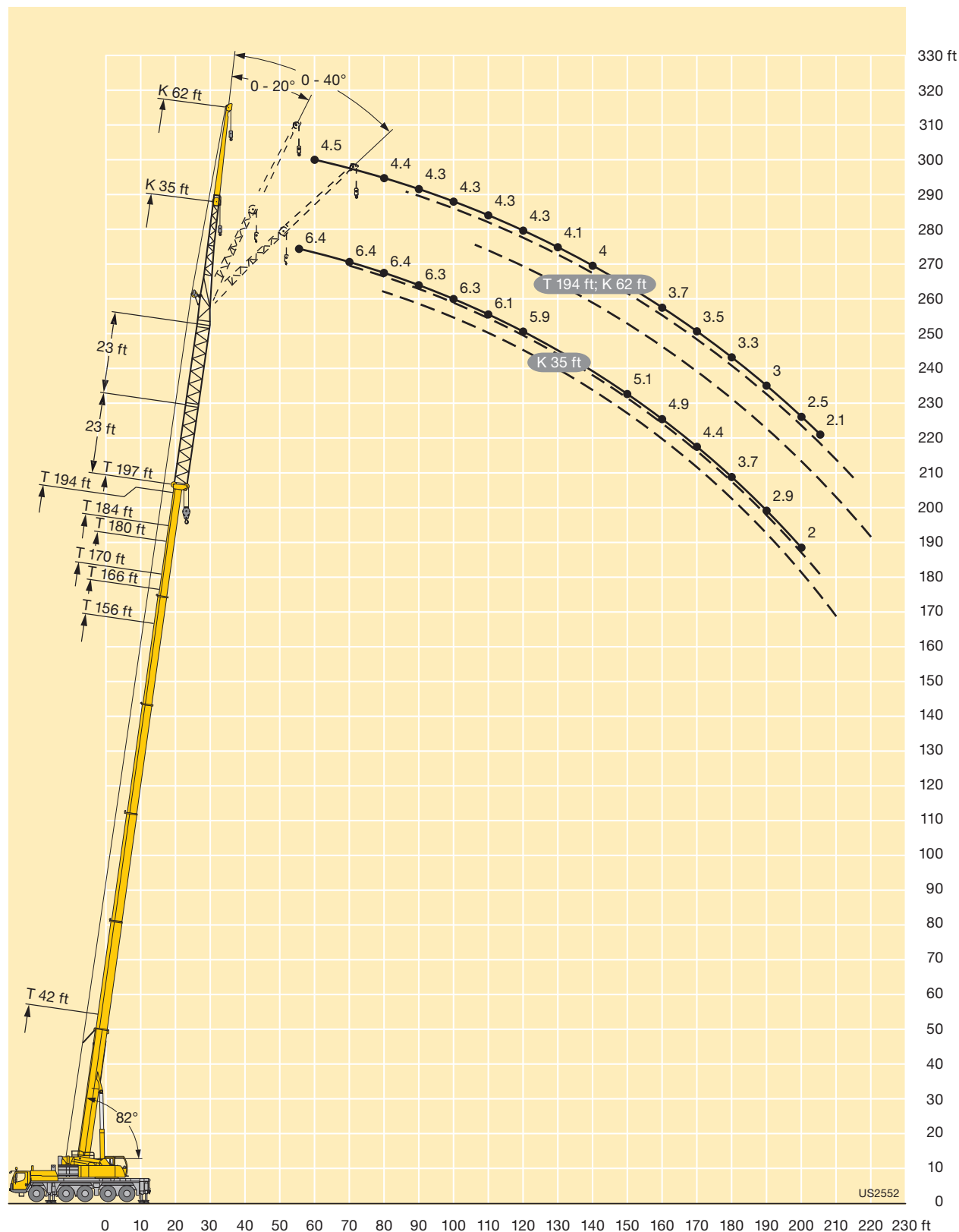
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# Lifting heights Hauteurs de levage

**TVNZK**



# Lifting capacities Forces de levage

TK

| <div> <div>42 – 197 ft</div> <div>9.5 ft</div> <div></div> <div>360°</div> <div>92600 lbs</div> <div>85%</div> </div>                                                                                                                                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| <div> <div>42 ft</div> <div>56 ft</div> <div>70 ft</div> <div>84 ft</div> <div>99 ft</div> <div>113 ft</div> <div>127 ft</div> <div>141 ft</div> <div>156 ft</div> <div>166 ft</div> <div>170 ft</div> <div>180 ft</div> <div>184 ft</div> <div>197 ft</div> </div> |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 9.5 ft                                                                                                                                                                                                                                                              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 12                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      |      |      | 12  |
| 13                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      |      |      | 13  |
| 14                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      |      |      | 14  |
| 15                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      |      | 15  |
| 16                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      |      | 16  |
| 17                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      | 17  |
| 18                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      | 18  |
| 19                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      | 19  |
| 20                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      | 20  |
| 22                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      | 22  |
| 24                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 67.4 |      |      |      |      |      |      |      | 24  |
| 26                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 66.5 |      |      |      |      |      |      |      | 26  |
| 28                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 65.5 | 52.2 |      |      |      |      |      |      | 28  |
| 30                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 75.8 | 64.4 | 51.6 |      |      |      |      |      |      | 30  |
| 32                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 73.2 | 63.2 | 50.9 | 38.7 |      |      |      |      |      | 32  |
| 34                                                                                                                                                                                                                                                                  | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 | 70.5 | 61.8 | 50.2 | 38.7 |      |      |      |      |      | 34  |
| 36                                                                                                                                                                                                                                                                  | 73.9 | 76.2 | 76.2 | 76.2 | 76.2 | 67.8 | 60.2 | 49.5 | 38.7 | 30   | 34   |      |      |      | 36  |
| 38                                                                                                                                                                                                                                                                  | 69.8 | 76.2 | 76.2 | 76.2 | 76.2 | 65.2 | 58.5 | 48.7 | 38.7 | 29.6 | 33.7 | 26   |      |      | 38  |
| 40                                                                                                                                                                                                                                                                  | 65.4 | 76.2 | 76.2 | 75.3 | 73.6 | 63.2 | 56.6 | 47.6 | 38.7 | 29.1 | 33.5 | 26   | 26.7 |      | 40  |
| 45                                                                                                                                                                                                                                                                  |      | 69.2 | 69.4 | 68.8 | 66.3 | 59.7 | 51.9 | 44.6 | 37.6 | 27.6 | 32.4 | 25.8 | 26.6 | 19.5 | 45  |
| 50                                                                                                                                                                                                                                                                  |      | 60.4 | 60.6 | 60   | 58.2 | 56.5 | 48.1 | 41.3 | 35.7 | 26.1 | 30.9 | 25.1 | 26   | 19.5 | 50  |
| 55                                                                                                                                                                                                                                                                  |      | 52.5 | 53.6 | 53   | 51.5 | 51.1 | 44.5 | 38.5 | 33.5 | 24.7 | 29.2 | 24   | 25.1 | 19.5 | 55  |
| 60                                                                                                                                                                                                                                                                  |      |      | 47.6 | 47   | 48   | 45.6 | 41.2 | 35.8 | 31.5 | 23.3 | 27.7 | 22.9 | 24   | 19.5 | 60  |
| 65                                                                                                                                                                                                                                                                  |      |      | 42.5 | 43.2 | 43.1 | 41   | 38.2 | 33.3 | 29.5 | 22   | 26.2 | 21.8 | 22.9 | 19.1 | 65  |
| 70                                                                                                                                                                                                                                                                  |      |      | 37.7 | 39.5 | 38.7 | 37   | 34.6 | 31.2 | 27.6 | 20.8 | 24.9 | 20.7 | 21.7 | 18.4 | 70  |
| 75                                                                                                                                                                                                                                                                  |      |      |      | 35.7 | 35   | 33.6 | 31.9 | 29.2 | 25.9 | 19.6 | 23.5 | 19.7 | 20.7 | 17.8 | 75  |
| 80                                                                                                                                                                                                                                                                  |      |      |      | 32.5 | 31.8 | 30.6 | 29.4 | 27.3 | 24.4 | 18.4 | 22.3 | 18.6 | 19.7 | 17.1 | 80  |
| 85                                                                                                                                                                                                                                                                  |      |      |      | 27.4 | 29   | 27.8 | 27.8 | 25.1 | 22.9 | 17.3 | 21   | 17.7 | 18.8 | 16.4 | 85  |
| 90                                                                                                                                                                                                                                                                  |      |      |      |      | 26.5 | 25.3 | 26.2 | 22.9 | 21.6 | 16.2 | 19.8 | 16.7 | 17.9 | 15.7 | 90  |
| 95                                                                                                                                                                                                                                                                  |      |      |      |      | 24.3 | 23.9 | 24   | 21.6 | 20.4 | 15.3 | 18.7 | 15.8 | 17.1 | 15   | 95  |
| 100                                                                                                                                                                                                                                                                 |      |      |      |      | 20.1 | 22.9 | 22.1 | 20.3 | 19   | 14.4 | 17.7 | 15   | 16.3 | 14.2 | 100 |
| 105                                                                                                                                                                                                                                                                 |      |      |      |      |      | 21.4 | 20.3 | 18.8 | 17.4 | 13.6 | 16.7 | 14.2 | 15.5 | 13.5 | 105 |
| 110                                                                                                                                                                                                                                                                 |      |      |      |      |      | 19.8 | 18.6 | 17.8 | 16.2 | 12.8 | 15.8 | 13.5 | 14.7 | 12.8 | 110 |
| 115                                                                                                                                                                                                                                                                 |      |      |      |      |      | 13   | 17.1 | 17.1 | 15.4 | 12.1 | 14.8 | 12.8 | 14   | 12.2 | 115 |
| 120                                                                                                                                                                                                                                                                 |      |      |      |      |      |      | 15.8 | 16.1 | 14.7 | 11.4 | 13.7 | 12.2 | 13.3 | 11.5 | 120 |
| 125                                                                                                                                                                                                                                                                 |      |      |      |      |      |      | 14.9 | 14.9 | 13.9 | 10.8 | 12.6 | 11.6 | 12.6 | 10.9 | 125 |
| 130                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      | 13.7 | 13.3 | 10.2 | 12.1 | 11   | 11.8 | 10.3 | 130 |
| 135                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      | 12.7 | 12.6 | 9.7  | 11.5 | 10.5 | 11   | 9.8  | 135 |
| 140                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      | 11.5 | 11.7 | 9.2  | 11   | 10   | 10.2 | 9.3  | 140 |
| 145                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      | 10.8 | 8.8  | 10.3 | 9.6  | 9.3  | 8.9  | 145 |
| 150                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      | 10   | 8.4  | 9.5  | 9.2  | 8.5  | 8.4  | 150 |
| 155                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      | 9    | 8.1  | 8.7  | 8.7  | 7.7  | 7.9  | 155 |
| 160                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      | 7.8  | 8    | 8.1  | 7    | 7.1  | 160 |
| 165                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      | 7.5  | 7.3  | 7.4  | 6.3  | 6.4  | 165 |
| 170                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      |      | 6.4  | 6.7  | 5.7  | 5.8  | 170 |
| 175                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      |      |      | 6.2  | 5.1  | 5.2  | 175 |
| 180                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      |      |      | 5.3  | 4.5  | 4.6  | 180 |
| 185                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      |      |      |      | 3.8  | 4    | 185 |
| 190                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      |      |      |      |      | 3.5  | 190 |
| 195                                                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      |      |      |      |      | 3.1  | 195 |

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# Lifting capacities Forces de levage

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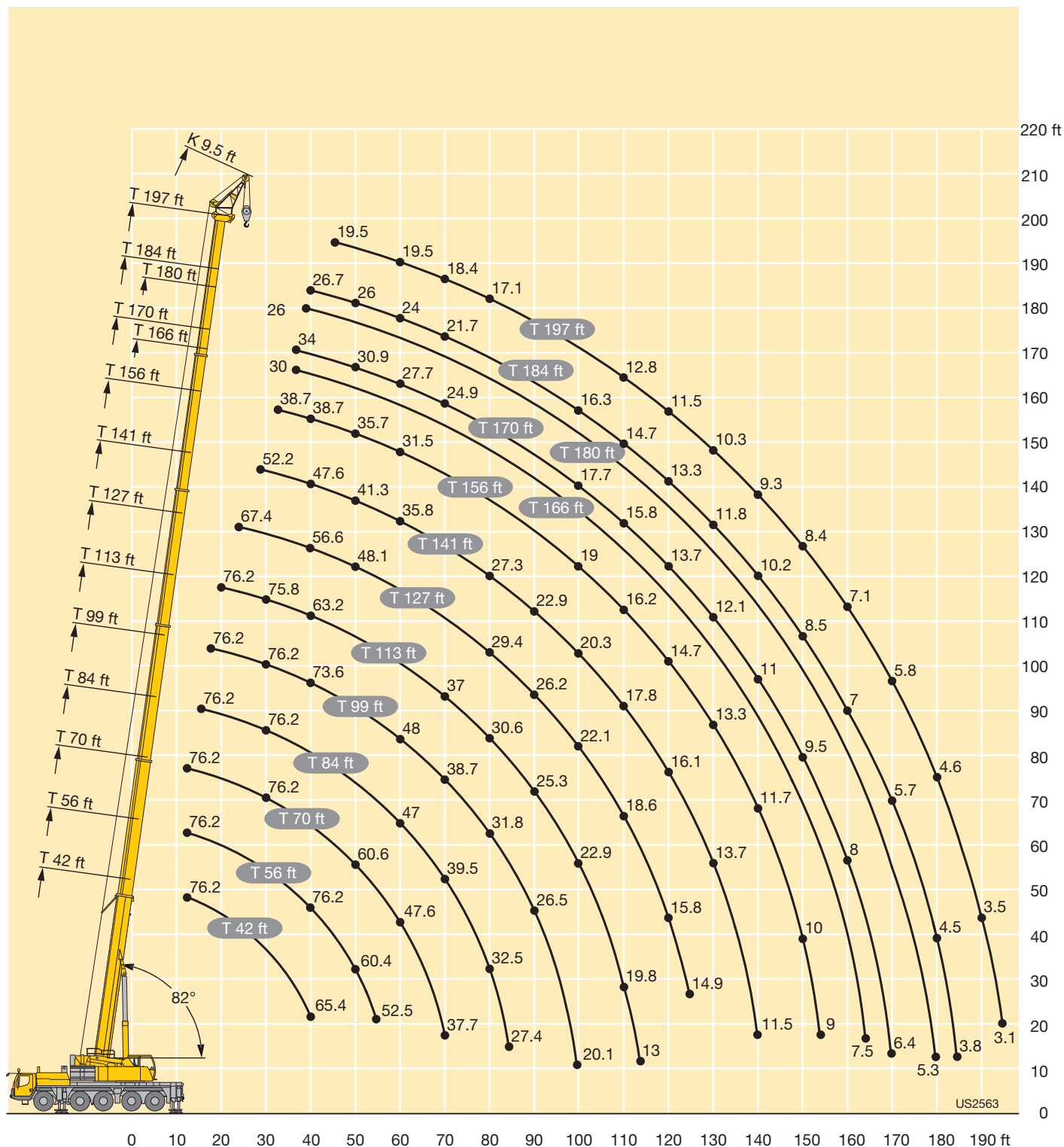
| <div> <div>42 – 197 ft</div> <div>9.5 ft</div> <div>360°</div> <div>14600 lbs</div> <div>85%</div> </div>                                                                                                                                                           |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| <div> <div>42 ft</div> <div>56 ft</div> <div>70 ft</div> <div>84 ft</div> <div>99 ft</div> <div>113 ft</div> <div>127 ft</div> <div>141 ft</div> <div>156 ft</div> <div>166 ft</div> <div>170 ft</div> <div>180 ft</div> <div>184 ft</div> <div>197 ft</div> </div> |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 9.5 ft                                                                                                                                                                                                                                                              |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 12                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      |      | 12  |
| 13                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      |      | 13  |
| 14                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      |      | 14  |
| 15                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      | 15  |
| 16                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      |      | 16  |
| 17                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      | 17  |
| 18                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      | 18  |
| 19                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |      |      |      |      |      |      |      |      | 19  |
| 20                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 73.7 |      |      |      |      |      |      |      | 20  |
| 22                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 76.2 | 75.7 | 71.4 |      |      |      |      |      |      |      | 22  |
| 24                                                                                                                                                                                                                                                                  | 76.2 | 76.2 | 76.2 | 75   | 69.7 | 60.7 |      |      |      |      |      |      |      | 24  |
| 26                                                                                                                                                                                                                                                                  | 76.1 | 75.6 | 72.3 | 66.7 | 64.4 | 59.7 | 55.3 |      |      |      |      |      |      | 26  |
| 28                                                                                                                                                                                                                                                                  | 71.6 | 68.3 | 64.3 | 62.1 | 58   | 54.1 | 50   | 45.8 |      |      |      |      |      | 28  |
| 30                                                                                                                                                                                                                                                                  | 62.3 | 61.1 | 58.3 | 56.5 | 52.6 | 50   | 46.7 | 43.6 |      |      |      |      |      | 30  |
| 32                                                                                                                                                                                                                                                                  | 55   | 55.2 | 54.1 | 51.6 | 48.3 | 45.6 | 43.4 | 39.8 | 36.3 |      |      |      |      | 32  |
| 34                                                                                                                                                                                                                                                                  | 48.8 | 49.8 | 49.7 | 47.1 | 44.3 | 43.2 | 40   | 37.5 | 34.4 |      |      |      |      | 34  |
| 36                                                                                                                                                                                                                                                                  | 43.6 | 45.5 | 45.6 | 43.2 | 41.5 | 39.9 | 37.6 | 35.3 | 33   | 27.3 | 30.3 |      |      | 36  |
| 38                                                                                                                                                                                                                                                                  | 39.2 | 41.2 | 41.9 | 39.9 | 39.3 | 36.9 | 34.7 | 33   | 30.5 | 26.9 | 28.2 | 23.6 |      | 38  |
| 40                                                                                                                                                                                                                                                                  | 35.4 | 37.4 | 38.4 | 36.9 | 36.8 | 34.3 | 33.2 | 30.6 | 29.3 | 26.5 | 27.3 | 23.6 | 24.1 | 40  |
| 45                                                                                                                                                                                                                                                                  |      | 30.1 | 31   | 32.2 | 30.8 | 29.7 | 28.4 | 27.1 | 25.3 | 24.5 | 23.5 | 22.8 | 21.3 | 45  |
| 50                                                                                                                                                                                                                                                                  |      | 24.7 | 25.7 | 26.7 | 26.3 | 25.7 | 24.2 | 23.1 | 21.5 | 21   | 19.9 | 19.2 | 17.8 | 50  |
| 55                                                                                                                                                                                                                                                                  |      | 20.5 | 21.6 | 22.5 | 22.6 | 22.1 | 20.8 | 19.9 | 18.4 | 17.9 | 16.9 | 16.4 | 15   | 55  |
| 60                                                                                                                                                                                                                                                                  |      |      | 18.3 | 19.2 | 19.3 | 19.2 | 18   | 17.2 | 15.7 | 15.4 | 14.4 | 13.9 | 12.6 | 60  |
| 65                                                                                                                                                                                                                                                                  |      |      | 15.6 | 16.6 | 16.6 | 16.7 | 15.6 | 14.9 | 13.5 | 13.3 | 12.3 | 12   | 10.7 | 65  |
| 70                                                                                                                                                                                                                                                                  |      |      | 13.4 | 14.3 | 14.4 | 14.5 | 13.6 | 12.9 | 11.6 | 11.4 | 10.5 | 10.2 | 8.9  | 70  |
| 75                                                                                                                                                                                                                                                                  |      |      |      | 12.4 | 12.5 | 12.5 | 11.9 | 11.2 | 10   | 9.8  | 8.9  | 8.6  | 7.5  | 75  |
| 80                                                                                                                                                                                                                                                                  |      |      |      | 10.7 | 10.8 | 10.9 | 10.3 | 9.8  | 8.6  | 8.4  | 7.5  | 7.3  | 6.2  | 80  |
| 85                                                                                                                                                                                                                                                                  |      |      |      | 9.3  | 9.3  | 9.4  | 8.9  | 8.5  | 7.3  | 7.1  | 6.3  | 6.2  | 5    | 85  |
| 90                                                                                                                                                                                                                                                                  |      |      |      |      | 8    | 8.1  | 7.7  | 7.3  | 6.2  | 6.1  | 5.2  | 5.2  | 3.9  | 90  |
| 95                                                                                                                                                                                                                                                                  |      |      |      |      | 7    | 7    | 6.5  | 6.3  | 5.2  | 5.1  | 4.3  | 4.2  | 2.9  | 95  |
| 100                                                                                                                                                                                                                                                                 |      |      |      |      | 6    | 6.1  | 5.6  | 5.4  | 4.3  | 4.2  | 3.4  | 3.3  |      | 100 |
| 105                                                                                                                                                                                                                                                                 |      |      |      |      |      | 5.2  | 4.7  | 4.5  | 3.5  | 3.4  | 2.5  | 2.4  |      | 105 |
| 110                                                                                                                                                                                                                                                                 |      |      |      |      |      | 4.4  | 3.9  | 3.7  | 2.7  | 2.6  |      |      |      | 110 |
| 115                                                                                                                                                                                                                                                                 |      |      |      |      |      | 3.8  | 3.2  | 3    |      |      |      |      |      | 115 |
| 120                                                                                                                                                                                                                                                                 |      |      |      |      |      |      | 2.6  | 2.2  |      |      |      |      |      | 120 |

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# Lifting heights Hauteurs de levage

**TK**



## Equipment Equipment

### Crane carrier

|                          |                                                                                                                                                                                                                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame</b>             | Self-manufactured, torsion-resistant box-type design of high-tensile fine grained structural steel.                                                                                                                                                                                                                                      |
| <b>Outriggers</b>        | 4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display.                                                                                                                                                   |
| <b>Engine</b>            | 6-cylinder Diesel, make Liebherr, watercooled, output 370 kW (503 h.p.), max. torque 1737 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 127 gallons.                                                                                                                                                          |
| <b>Transmission</b>      | ZF 12-speed gear box with automatic control system AS-TRONIC. ZF-intarder fitted directly to the gear. Two-stage transfer case with lockable transfer differential.                                                                                                                                                                      |
| <b>Axles</b>             | Low maintenance carrier axles, all 5 axles steered. Axle 2, 4 and 5 are equipped with planetary gears, all driven axles with transverse differential locks, axle 4 with longitudinal differential lock.                                                                                                                                  |
| <b>Cardan shaft</b>      | All cardan shafts with 70° diagonal toothing and maintenance free.                                                                                                                                                                                                                                                                       |
| <b>Suspension</b>        | All axles are mounted on hydropneumatic suspension and are lockable hydraulically.                                                                                                                                                                                                                                                       |
| <b>Tyres</b>             | 10 tyres, size: 445/95 R 25 (16.00 R 25).                                                                                                                                                                                                                                                                                                |
| <b>Steering</b>          | 2-circuit system with hydraulic servo steering. Active speed depending rear axle steering, special steering programs for various driving situations.                                                                                                                                                                                     |
| <b>Brakes</b>            | Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit.<br>Parking brake: Spring brake actuator, acting on the wheels of the 2 <sup>nd</sup> to 5 <sup>th</sup> axle.<br>Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear. |
| <b>Driver's cab</b>      | Spacious and comfortable cab mounted on rubber shock absorbers, safety glass windows.                                                                                                                                                                                                                                                    |
| <b>Electrical system</b> | Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.                                                                                                                                                                                                                                                                       |

### Crane superstructure

|                          |                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame</b>             | Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim.                                                               |
| <b>Crane engine</b>      | 4-cylinder Diesel, make Liebherr, watercooled, output 129 kW (175 h.p.), max. torque 601 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 66 gallons.                 |
| <b>Crane drive</b>       | Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits.                                 |
| <b>Control</b>           | Electric „Load Sensing“ control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type).                                                          |
| <b>Hoist gear</b>        | Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.                                                                     |
| <b>Luffing gear</b>      | 1 differential ram with pilot-controlled brake valve.                                                                                                                                         |
| <b>Slewing gear</b>      | Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as standard feature.                                       |
| <b>Crane cab</b>         | Entirely galvanized, powder coated, with safety glazing, comfortably equipped, cab tiltable backwards.                                                                                        |
| <b>Safety devices</b>    | LICCON2 safe load indicator, test system, hoist limit switch, safety valves to prevent pipe and hose ruptures.                                                                                |
| <b>Telescopic boom</b>   | 1 base section and 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system TELEMATIK. Boom length: 42 ft – 197 ft. |
| <b>Counterweight</b>     | 64600 lbs basic counterweight.                                                                                                                                                                |
| <b>Electrical system</b> | Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.                                                                                                                            |

### Additional equipment

|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Swing-away jib</b>            | 35 ft – 62 ft long, mountable to the telescopic boom at 0°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option). |
| <b>Erection jib</b>              | 9.5 ft                                                                                                                                         |
| <b>Telescopic boom extension</b> | 23 ft – 46 ft long lattice section, thus higher pinning point for swing-away jib.                                                              |
| <b>2<sup>nd</sup> hoist gear</b> | For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.                                             |
| <b>Tyres</b>                     | 10 tyres, size 525/80 R 25 (20.5 R 25).                                                                                                        |
| <b>Drive 10 x 8</b>              | Additional drive of the 1 <sup>st</sup> axle.                                                                                                  |
| <b>Additional counterweight</b>  | 28000 lbs for a total counterweight of 92600 lbs.                                                                                              |

Other items of equipment available on request.

## Equipment Equipment

### Châssis porteur

|                                |                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Châssis</b>                 | Châssis résistant à la torsion de fabrication Liebherr, en acier à grains fins très résistant.                                                                                                                                                                                                                                                                |
| <b>Calage</b>                  | Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Utilisation avec commande à distance, mise à niveau automatique du calage, inclinomètre électronique.                                                                                                                                                        |
| <b>Moteur</b>                  | Moteur diesel, 6 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 370 kW (503 ch), couple max. 1737 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 127 gallons.                                                                                                     |
| <b>Boîte de vitesse</b>        | Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande AS-TRONIC. Ralentisseur hydrodynamique ZF directement accouplé à la boîte. Boîte de transfert à 2 étages avec blocage de différentiel.                                                                                                                                                    |
| <b>Essieux</b>                 | Essieux nécessitant peu d'entretien, les 5 essieux sont directeurs. Les essieux 2, 4 et 5 sont des essieux planétaires, tous les essieux moteurs avec différentiel transversal et l'essieu 4 avec différentiel longitudinal.                                                                                                                                  |
| <b>Arbres articulés</b>        | Tous les flasques de croisillons avec denture en croix 70° et sans entretien.                                                                                                                                                                                                                                                                                 |
| <b>Suspension</b>              | Suspension hydropneumatique sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement.                                                                                                                                                                                                                                                             |
| <b>Pneumatiques</b>            | 10 pneus de taille: 445/95 R 25 (16.00 R 25).                                                                                                                                                                                                                                                                                                                 |
| <b>Direction</b>               | 2 circuits avec direction assistée hydraulique. Direction active des essieux arrière et dépendante de la vitesse, programmes de direction spéciaux pour les différents modes de déplacement.                                                                                                                                                                  |
| <b>Freins</b>                  | Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits.<br>Frein à main: ressort accumulé agissant sur les roues des essieux 2 à 5.<br>Freins continus: frein moteur par clapet sur échappement avec système de ralentissement Liebherr ZBS. Ralentisseur hydrodynamique accouplé à la boîte de vitesses. |
| <b>Cabine du conducteur</b>    | Cabine spacieuse, équipement «grand confort», suspendue sur silent blocs, vitrage de sécurité.                                                                                                                                                                                                                                                                |
| <b>Installation électrique</b> | Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune.                                                                                                                                                                                                                                     |

### Partie tournante

|              |                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cadre</b> | Fabrication Liebherr, construction soudée indéformable, en acier à grain fin haute résistance. Couronne d'orientation à triple rangée de rouleaux. |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|

|                                |                                                                                                                                                                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Moteur</b>                  | Moteur diesel Liebherr, 4 cylindres, à refroidissement par eau, de 129 kW (175 ch), couple max. 601 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 66 gallons. |
| <b>Entraînement de la grue</b> | Diesel hydraulique avec 2 pompes à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés.                                                   |
| <b>Commande</b>                | Direction électrique "Load Sensing", 4 mouvements de travail dirigeable simultanément, deux leviers de commande à 4 positions et à autocentrage.                                                                                          |
| <b>Mécanisme de levage</b>     | Moteur à cylindrée constante et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.                                                                                  |
| <b>Mécanisme de relevage</b>   | 1 vérin différentiel avec clapet de frein commandé.                                                                                                                                                                                       |
| <b>Dispositif de rotation</b>  | Moteur à cylindrée constante à pistons axiaux, réducteur planétaire, frein d'arrêt commandé par ressort. Commutation en série du mécanisme d'orientation: ouvert et en orientation freinée automatiquement.                               |
| <b>Cabine du grutier</b>       | Entièrement zinguée avec peinture par poudrage et cuisson au four, avec glaces de sécurité, équipement confortable, cabine inclinable vers l'arrière.                                                                                     |
| <b>Dispositif de sécurité</b>  | Contrôleur de charge, «LICCON2», système test, limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.                                                                                         |
| <b>Flèche télescopique</b>     | 1 élément de base et 5 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide, TELEMATIK. Longueur de flèche: 42 ft – 197 ft.                                |
| <b>Contrepoids</b>             | Plaque de base 64600 lbs.                                                                                                                                                                                                                 |
| <b>Installation électrique</b> | Technique moderne de transmission de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.                                                                                                                                    |

### Équipement supplémentaire

|                                     |                                                                                                                                                        |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fléchette pliante</b>            | Longueur: 35 ft – 62 ft, montable sous un angle de 0°, 20° ou 40°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 40° (en option). |
| <b>Fléchette de montage</b>         | 9.5 ft                                                                                                                                                 |
| <b>Rallonge flèche télescopique</b> | Élément en treillis de 23 ft – 46 ft, de cette manière point d'articulation plus haute pour la flèche pliante.                                         |
| <b>2ème mécanisme de levage</b>     | Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.          |
| <b>Pneumatiques</b>                 | 10 pneus. Taille: 525/80 R 25 (20.5 R 25).                                                                                                             |
| <b>Entraînement 10 x 8</b>          | Essieu 1 est entraîné additionnellement.                                                                                                               |
| <b>Contrepoids additionnel</b>      | 28000 lbs pour un contrepoids total de 92600 lbs.                                                                                                      |

Autres équipements supplémentaires sur demande.



## Description of symbols Explication des symboles

### General symbols Symboles généraux

|                                                                                     |                                                                                     |                                                                                     |                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------|
|    | Outriggers<br>Calage                                                                |    | Driving speed – Crawl speed<br>Vitesse de translation – Marche lente |
|    | Axle<br>Essieu                                                                      |    | Gear<br>Vitesse                                                      |
|    | Radius<br>Portée                                                                    |    | Hookblock / Capacity<br>Moufle à crochet / Capacité de charge        |
|    | Boom length<br>Longueur de la flèche                                                |    | Hoist gear<br>Treuil de levage                                       |
|    | Boom position<br>Position de la flèche                                              |    | Crane carrier<br>Châssis porteur                                     |
|   | Counterweight<br>Contrepoids                                                        |   | Crane superstructure<br>Partie tournante de la grue                  |
|  | Tyres<br>Pneumatiques                                                               |  | Standard<br>Norme                                                    |
|  | Slewing gear / Working area 360°<br>Mécanisme d'orientation / Plage de travail 360° |  | Gradability<br>Aptitude à gravir les pentes                          |
|  | Driving speed<br>Vitesse de translation                                             |                                                                                     |                                                                      |

### Crane specific symbols Symboles spécifiques à la grue

|                                                                                     |                                                           |                                                                                     |                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | Telescopic boom<br>Flèche télescopique                    |  | Telescopic boom extension<br>Rallonge flèche télescopique |
|  | Swing away jib<br>Fléchette pliante                       |  | Erection jib<br>Fléchette de montage                      |
|  | Hydraulic swing away jib<br>Fléchette pliante hydraulique |                                                                                     |                                                           |

## Remarks referring to load charts

1. The lifting capacities do not exceed 85 % of the tipping load according to ASME B 30.5.  
The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
2. For the calculation of the load charts at least a wind speed of 23 ft/s (7 m/s, 15.7 mph) and regarding the load a sail area of 1 m<sup>2</sup> per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. Lifting capacities are given in kips.
4. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
5. Working radii are measured from the slewing centre.
6. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
7. Subject to modification of lifting capacities.
8. Lifting capacities above 182100 lbs / 242500 lbs only with additional pulley block/special equipment.
9. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.

## Remarques relatives aux tableaux des charges

1. La capacité de charge ne doit pas dépasser 85 % de la charge de basculement conformément à ASME B 30.5.  
La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
2. Une vitesse de vent de 23 ft/s (7 m/s, 15.7 mph) minimum, une surface de prise au vent de 1 m<sup>2</sup> par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)(s) sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3. Les charges sont indiquées en kips.
4. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
5. Les portées sont calculées à partir de l'axe de rotation.
6. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
7. Charges données sous réserve de modification.
8. Les charges supérieures à 182100 lbs / 242500 lbs seulement avec moufle additionnel/équipement supplémentaire.
9. Les données de cette brochure sont données à titre informatif. Ces renseignements sont sans garantie. Les consignes relatives à la bonne mise en service de la grue sont disponibles dans le manuel d'utilisation et le manuel de tableaux de charge.

Subject to modification / Sous réserve de modifications

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**Liebherr-Werk Ehingen GmbH**

Postfach 1361, 89582 Ehingen, Germany

☎ +49 73 91 5 02-0, Fax +49 73 91 5 02-33 99

This information is for reference use only. Operators manual should be consulted and adhered to.  
Please contact Bigge Crane and Rigging Co. at 888-337-BIGGE or email [info@bigge.com](mailto:info@bigge.com) for further information.

