

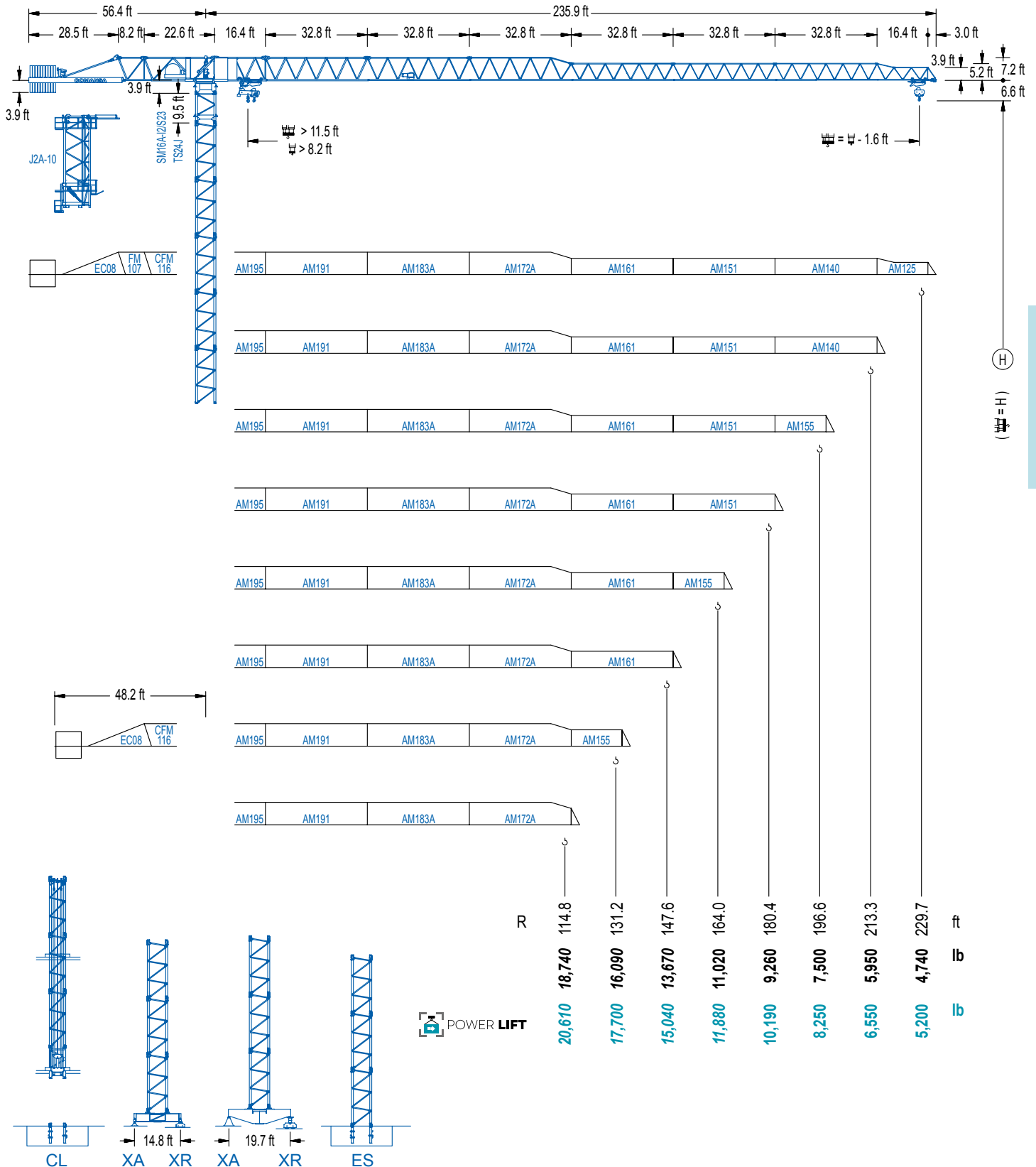


# COMANSA

## 1600 Series

## 16 LC 260

## 22,050 lb



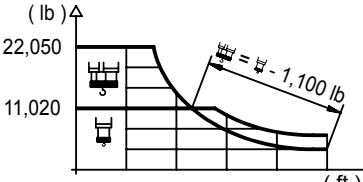
CE EN 14439 (C/25)

## DIAGRAMA DE CARGAS

Load chart / Diagramme de charges / Lastdiagramm / Diagramma di carico / Диаграмма распределения нагрузки

| R (ft) |  |        |           |        |           |        |           |  |        |           |        |        |       |          |       |       |          |       |       |          |       |          |
|--------|-----------------------------------------------------------------------------------|--------|-----------|--------|-----------|--------|-----------|-------------------------------------------------------------------------------------|--------|-----------|--------|--------|-------|----------|-------|-------|----------|-------|-------|----------|-------|----------|
| 229.7  | 58.1                                                                              | 72.2   | 78.7      | 85.3   | 91.9      | 98.4   | 102.4     | 111.9                                                                               | 121.4  | 131.2     | 137.8  | 147.6  | 154.2 | 164.0    | 170.6 | 180.4 | 187.0    | 196.9 | 203.4 | 213.3    | 219.8 | 229.7 ft |
|        | 22,050                                                                            | 17,040 | 15,370    | 13,960 | 12,740    | 11,730 | 11,020    | 11,020                                                                              | 10,050 | 9,190     | 8,690  | 8,020  | 7,630 | 7,100    | 6,790 | 6,350 | 6,080    | 5,730 | 5,510 | 5,200    | 5,000 | 4,740 lb |
| 213.3  | 64.3                                                                              | 72.2   | 78.7      | 85.3   | 91.9      | 98.4   | 105.0     | 115.2                                                                               | 125.0  | 131.2     | 137.8  | 147.6  | 154.2 | 164.0    | 170.6 | 180.4 | 187.0    | 196.9 | 203.4 | 213.3 ft |       |          |
|        | 22,050                                                                            | 19,290 | 17,420    | 15,830 | 14,510    | 13,340 | 12,350    | 11,020                                                                              | 11,020 | 10,450    | 9,880  | 9,130  | 8,690 | 8,090    | 7,740 | 7,250 | 6,940    | 6,550 | 6,310 | 5,950 lb |       |          |
| 196.9  | 71.9                                                                              | 78.7   | 85.3      | 91.9   | 98.4      | 105.0  | 114.8     | 121.4                                                                               | 128.6  | 140.4     | 147.6  | 154.2  | 164.0 | 170.6    | 180.4 | 187.0 | 196.9 ft |       |       |          |       |          |
|        | 22,050                                                                            | 19,780 | 18,010    | 16,510 | 15,210    | 14,090 | 12,650    | 11,820                                                                              | 11,020 | 11,020    | 10,410 | 9,920  | 9,240 | 8,840    | 8,290 | 7,960 | 7,500 lb |       |       |          |       |          |
| 180.4  | 78.4                                                                              | 85.3   | 91.9      | 98.4   | 105.0     | 114.8  | 121.4     | 131.2                                                                               | 137.8  | 141.1     | 154.5  | 164.0  | 170.6 | 180.4 ft |       |       |          |       |       |          |       |          |
|        | 22,050                                                                            | 20,040 | 18,390    | 16,980 | 15,740    | 14,150 | 13,230    | 12,040                                                                              | 11,330 | 11,020    | 11,020 | 10,320 | 9,880 | 9,260 lb |       |       |          |       |       |          |       |          |
| 164.0  | 88.9                                                                              | 98.4   | 105.0     | 114.8  | 121.4     | 131.2  | 137.8     | 147.6                                                                               | 160.8  | 164.0 ft  |        |        |       |          |       |       |          |       |       |          |       |          |
|        | 22,050                                                                            | 19,600 | 18,190    | 16,380 | 15,340    | 14,000 | 13,210    | 12,150                                                                              | 11,020 | 11,020 lb |        |        |       |          |       |       |          |       |       |          |       |          |
| 147.6  | 96.8                                                                              | 105.0  | 114.8     | 121.4  | 131.2     | 137.8  | 146.0     | ft                                                                                  |        |           |        |        |       |          |       |       |          |       |       |          |       |          |
|        | 22,050                                                                            | 20,080 | 18,120    | 17,000 | 15,500    | 14,640 | 13,670 lb |                                                                                     |        |           |        |        |       |          |       |       |          |       |       |          |       |          |
| 131.2  | 98.8                                                                              | 105.0  | 114.8     | 121.4  | 129.6     | ft     |           |                                                                                     |        |           |        |        |       |          |       |       |          |       |       |          |       |          |
|        | 22,050                                                                            | 20,520 | 18,520    | 17,370 | 16,090 lb |        |           |                                                                                     |        |           |        |        |       |          |       |       |          |       |       |          |       |          |
| 114.8  | 98.1                                                                              | 105.0  | 113.2     | ft     |           |        |           |                                                                                     |        |           |        |        |       |          |       |       |          |       |       |          |       |          |
|        | 22,050                                                                            | 20,440 | 18,740 lb |        |           |        |           |                                                                                     |        |           |        |        |       |          |       |       |          |       |       |          |       |          |

(lb) ↑

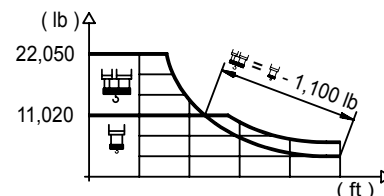


22,050

11,020

1,100 lb

(ft) →

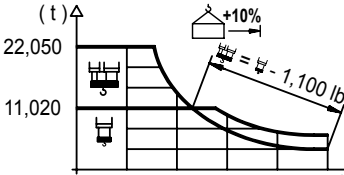


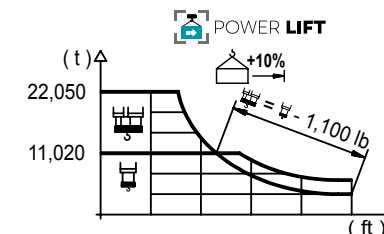
## DIAGRAMA DE CARGAS POWERLIFT

Load chart PowerLift / Diagramme de charges PowerLift / Lastdiagramm PowerLift / Diagramma di carico PowerLift / Диаграмма распределения нагрузки PowerLift

| R (ft) |  |        |        |        |        |        |           |  |           |        |           |        |        |           |       |       |          |       |       |          |       |          |
|--------|-----------------------------------------------------------------------------------|--------|--------|--------|--------|--------|-----------|-------------------------------------------------------------------------------------|-----------|--------|-----------|--------|--------|-----------|-------|-------|----------|-------|-------|----------|-------|----------|
| 229.7  | 61.4                                                                              | 72.2   | 78.7   | 85.3   | 91.9   | 98.4   | 109.3     | 120.4                                                                               | 121.4     | 131.2  | 137.8     | 147.6  | 154.2  | 164.0     | 170.6 | 180.4 | 187.0    | 196.9 | 203.4 | 213.3    | 219.8 | 229.7 ft |
|        | 22,050                                                                            | 18,190 | 16,400 | 14,930 | 13,650 | 12,540 | 11,020    | 11,020                                                                              | 10,930    | 10,010 | 9,480     | 8,750  | 8,330  | 7,760     | 7,410 | 6,940 | 6,660    | 6,260 | 6,020 | 5,690    | 5,490 | 5,200 lb |
| 213.3  | 68.6                                                                              | 72.2   | 78.7   | 85.3   | 91.9   | 98.4   | 105.0     | 114.8                                                                               | 122.7     | 135.5  | 137.8     | 147.6  | 154.2  | 164.0     | 170.6 | 180.4 | 187.0    | 196.9 | 203.4 | 213.3 ft |       |          |
|        | 22,050                                                                            | 20,750 | 18,740 | 17,060 | 15,630 | 14,400 | 13,340    | 11,950                                                                              | 11,020    | 11,020 | 10,800    | 10,010 | 9,520  | 8,860     | 8,490 | 7,960 | 7,630    | 7,190 | 6,920 | 6,550 lb |       |          |
| 196.9  |                                                                                   | 76.8   | 85.3   | 91.9   | 98.4   | 105.0  | 114.8     | 121.4                                                                               | 131.2     | 137.8  | 152.2     | 154.2  | 164.0  | 170.6     | 180.4 | 187.0 | 196.9 ft |       |       |          |       |          |
|        |                                                                                   | 22,050 | 19,510 | 17,900 | 16,510 | 15,300 | 13,760    | 12,850                                                                              | 11,680    | 11,020 | 11,020    | 10,870 | 10,140 | 9,700     | 9,100 | 8,750 | 8,250 lb |       |       |          |       |          |
| 180.4  |                                                                                   | 84.3   | 91.9   | 98.4   | 105.0  | 114.8  | 121.4     | 131.2                                                                               | 137.8     | 147.6  | 151.9     | 168.0  | 170.6  | 180.4 ft  |       |       |          |       |       |          |       |          |
|        |                                                                                   | 22,050 | 20,020 | 18,470 | 17,130 | 15,430 | 14,440    | 13,160                                                                              | 12,410    | 11,400 | 11,020    | 11,020 | 10,850 | 10,190 lb |       |       |          |       |       |          |       |          |
| 164.0  |                                                                                   |        | 95.8   | 105.0  | 114.8  | 121.4  | 131.2     | 137.8                                                                               | 147.6     | 154.2  | 162.4     | ft     |        |           |       |       |          |       |       |          |       |          |
|        |                                                                                   |        | 22,050 | 19,860 | 17,920 | 16,800 | 15,340    | 14,460                                                                              | 13,340    | 12,650 | 11,880 lb |        |        |           |       |       |          |       |       |          |       |          |
| 147.6  |                                                                                   |        |        | 105.0  | 114.8  | 121.4  | 131.2     | 137.8                                                                               | 146.0     | ft     |           |        |        |           |       |       |          |       |       |          |       |          |
|        |                                                                                   |        |        | 22,050 | 19,860 | 18,650 | 17,040    | 16,090                                                                              | 15,040 lb |        |           |        |        |           |       |       |          |       |       |          |       |          |
| 131.2  |                                                                                   |        |        |        | 107.0  | 114.8  | 121.4     | 129.6                                                                               | ft        |        |           |        |        |           |       |       |          |       |       |          |       |          |
|        |                                                                                   |        |        |        | 22,050 | 20,350 | 19,090    | 17,700 lb                                                                           |           |        |           |        |        |           |       |       |          |       |       |          |       |          |
| 114.8  |                                                                                   |        |        |        |        | 106.6  | 113.2     | ft                                                                                  |           |        |           |        |        |           |       |       |          |       |       |          |       |          |
|        |                                                                                   |        |        |        |        | 22,050 | 20,610 lb |                                                                                     |           |        |           |        |        |           |       |       |          |       |       |          |       |          |

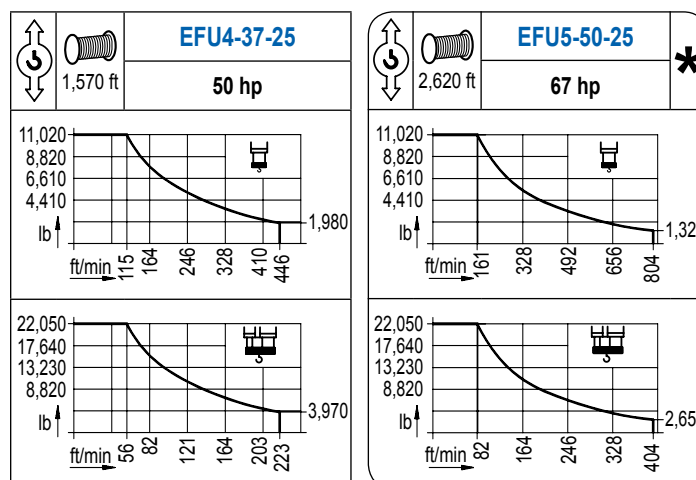
**POWER LIFT**





## MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

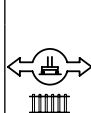


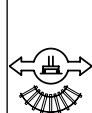
## MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

|                                                                                  |                |
|----------------------------------------------------------------------------------|----------------|
|  | <b>CFU-7.5</b> |
|                                                                                  | <b>10 hp</b>   |
| 0 ⇔ 308 ft/min                                                                   |                |

|                                                                                   |                 |
|-----------------------------------------------------------------------------------|-----------------|
|  | <b>GFU-7.5</b>  |
|                                                                                   | <b>2x 10 hp</b> |
| 0 ⇔ 0,7 rpm                                                                       |                 |

|                                                                                    |                    |
|------------------------------------------------------------------------------------|--------------------|
|  | <b>TRA-7.5</b>     |
|                                                                                    | <b>2x 55 ft·lb</b> |
|                                                                                    | 78 ft/min          |
|                                                                                    | 3XR52 5XR72        |

|                                                                                     |                    |          |
|-------------------------------------------------------------------------------------|--------------------|----------|
|  | <b>TRA-7.5VC</b>   | <b>*</b> |
|                                                                                     | <b>2x 55 ft·lb</b> |          |
|                                                                                     | 78 ft/min          |          |
|                                                                                     | 5XR72              |          |

| POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ             |                                                                     |                                                                |                                                                         | Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания | Generador / Generator / Générateur / Generator / Generatore / Генератор |
|--------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем) | Carro / Trolley / Chariot / Laufkatze / Carrello / Грузовая тележка | Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот | Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход |                                                                                                                                                |                                                                         |
| EFU4-37-25                                                               | CFU-7.5                                                             | (2x) GFU-7.5                                                   | (2x) TRA-7.5                                                            | 480 V                                                                                                                                          | 115 kVA                                                                 |
| EFU5-50-25                                                               |                                                                     |                                                                |                                                                         | 3ph<br>60 Hz                                                                                                                                   | 150 kVA                                                                 |

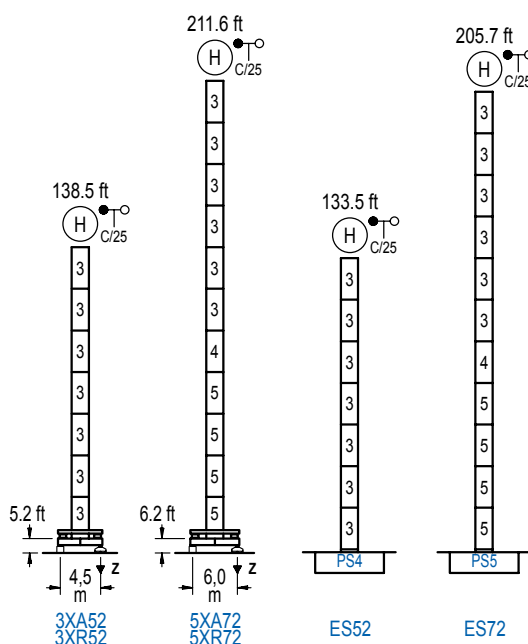
Optional /  
Optional / En  
option / Kaufoption  
/ Opzionale /  
Опционально

**\***

## ALTURAS BAJO GANCHO

Heights under hook / Hauteurs sous crochet / Hakenhöhen / Altezza sotto gancio / Высота под крюком

∅ 6.6 ft

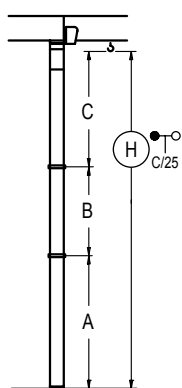


| n°               | Ref. | ∅   | h    |
|------------------|------|-----|------|
| 3                | S24  | 6.6 | 18.0 |
| 4                | TS25 | 6.6 | 18.0 |
| 5                | S25  | 6.6 | 18.0 |
| 1x S25 = 1x S25M |      |     |      |

|               |                                                                                                                |                                    |
|---------------|----------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>Z máx.</b> | En servicio / In operation / En service / In Betrieb / In servizio / При работе                                | 3XR52.. 218 kip<br>5XR72.. 196 kip |
|               | Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии | 3XR52.. 148 kip<br>5XR72.. 300 kip |

## GRÚA ARRIOSTRADA

Braced crane / Grue à entretoisement / Abgespannter Kran / Gru ancorata / Нарастиваемый кран



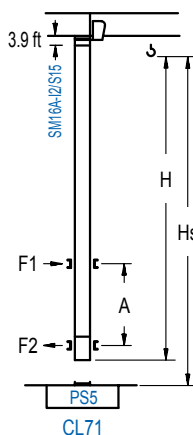
|       | 3XA52 | 5XA72 |
|-------|-------|-------|
| A max | 95.5  | 168.6 |
| A min | 77.4  | 96.4  |
| B max | -     | 72.2  |
| B min | -     | 54.1  |
| C max | 115.1 | 115.1 |
| H max | 210.6 | 282.8 |
|       | 283.8 | 337.9 |

|       | ES52  | ES72  |
|-------|-------|-------|
| A max | 27.6  | 49.6  |
| A min | 22.1  | 27.6  |
| B max | -     | 72.2  |
| B min | -     | 54.1  |
| C max | 115.1 | 115.1 |
| H max | 205.7 | 277.9 |
|       | 277.9 | 332.0 |

## GRÚA TREPADORA

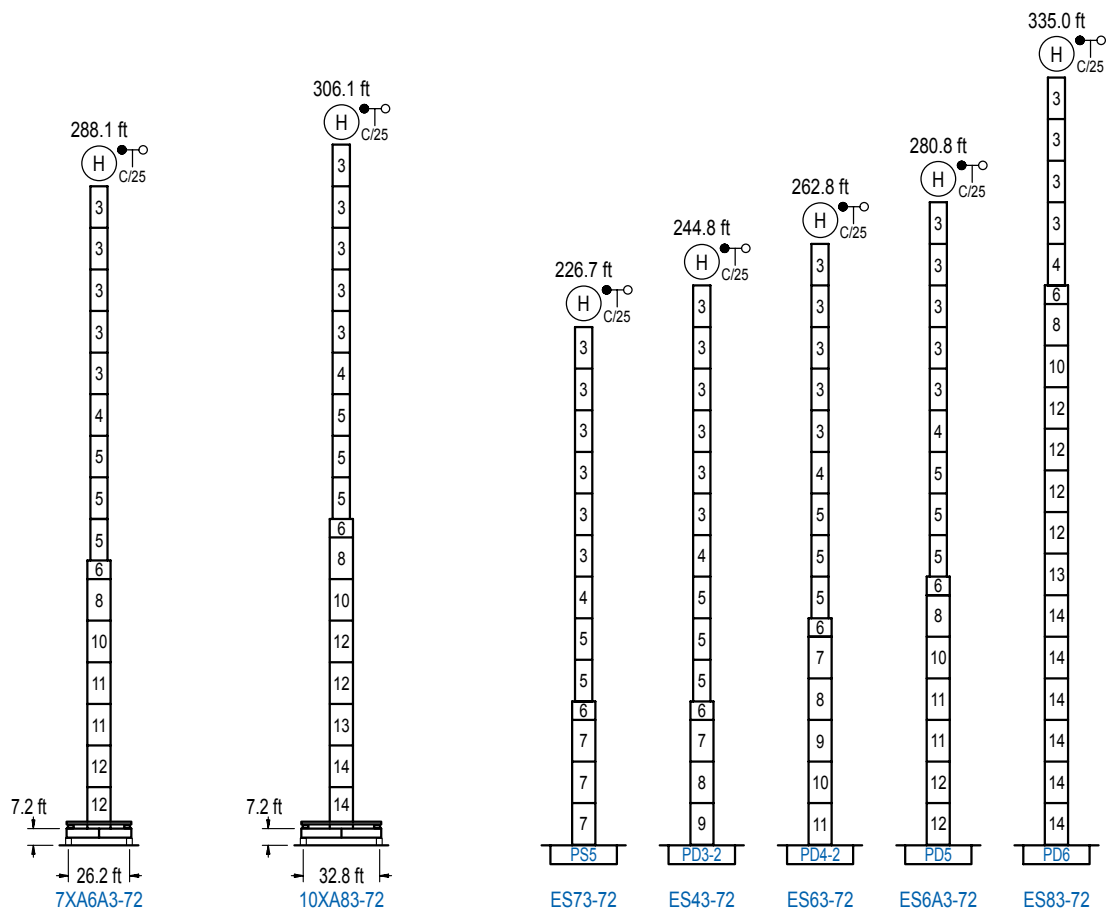
Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом



| <br>C/25 | Hs < 1,310 ft |               |
|-----------------------------------------------------------------------------------------------|---------------|---------------|
|                                                                                               | A max<br>(ft) | A min<br>(ft) |
| <b>133.9 ft</b><br>7x S15 + CLS15-08                                                          | 55.1          | 29.5          |
| <b>115.8 ft</b><br>6x S15 + CLS15-08                                                          | 46.3          | 29.5          |
| <b>97.8 ft</b><br>5x S15 + CLS15-08                                                           | 37.4          | 23.0          |

| n°               | Ref.     | ∅   | h    |
|------------------|----------|-----|------|
| 14               | S15      | 5.2 | 18.0 |
| 15               | CLS15-08 | 5.2 | 10.2 |
| 1x S15 = 1x S15M |          |     |      |

Otras zonas de viento, alturas superiores, arriostramientos o trepado interno consultar / Other wind zones, additional hook heights, tie frames or internal climbing on request / Autres zones de vent, des hauteurs supplémentaires, entretoisements ou grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / Per zone con velocità del vento particolari, altezze superiori, ancoraggi o rampante in cavedio, consultare il fabbricante / При других ветренных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами



|  | n°               | Ref. | ∅   | h    | n°                                   | Ref.     | ∅   | h    | n° | Ref. | ∅   | h    | n° | Ref.  | ∅   | h    |
|-------------------------------------------------------------------------------------|------------------|------|-----|------|--------------------------------------|----------|-----|------|----|------|-----|------|----|-------|-----|------|
|                                                                                     | 3                | S24  | 6.6 | 18.0 | 6                                    | TMS35S25 | 8.2 | 3.3  | 10 | TD34 | 8.2 | 18.0 | 13 | TD36B | 8.2 | 18.0 |
|                                                                                     | 4                | TS25 | 6.6 | 18.0 | 7                                    | S35      | 8.2 | 18.0 | 11 | D34  | 8.2 | 18.0 | 14 | D36B  | 8.2 | 18.0 |
|                                                                                     | 5                | S25  | 6.6 | 18.0 | 8                                    | TD33A    | 8.2 | 18.0 | 12 | D35  | 8.2 | 18.0 |    |       |     |      |
|                                                                                     |                  |      |     |      | 9                                    | D33      | 8.2 | 18.0 |    |      |     |      |    |       |     |      |
|                                                                                     | 1x S25 = 1x S25M |      |     |      | 1x S35 = 1x S35M<br>1x D33 = 1x D33M |          |     |      |    |      |     |      |    |       |     |      |

Otras zonas de viento o alturas superiores consultar / Other wind zones or additional hook heights on request / Autres zones de vent ou des hauteurs supplémentaires sur demande / Andere Windzonen oder weitere Hakenhöhen auf Anfrage / Per zone con velocità del vento particolari o altezze superiori consultare il fabbricante / При других ветренных зонах и при большой высоте проконсультируйтесь с нами