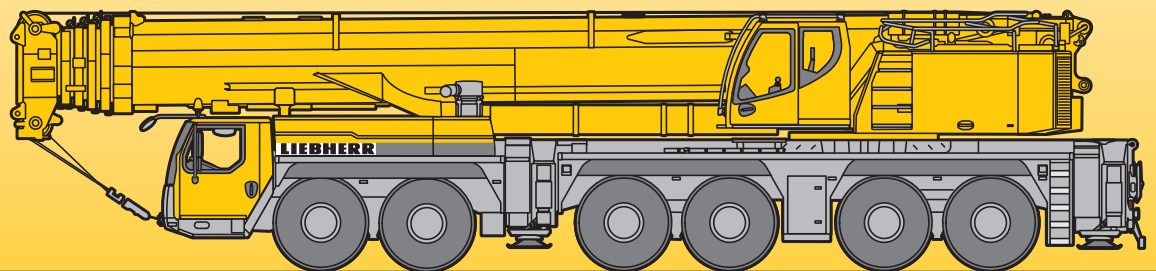


Mobile Crane Grue mobile

LTM 1350-6.1

Technical Data Caractéristiques techniques



LIEBHERR

 For reference only.
Operators manual should be
consulted and adhered to.

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Caractéristiques techniques

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Boom/jib combinations Configurations de flèche

- T** Telescopic boom · Flèche télescopique
- Y** Y-shaped guying system · Haubanage Y
- F** Fixed lattice jib · Fléchette treillis fixe
- H** Auxiliary jib · Fléchette auxiliaire



T

TY

TF

TFH

TYVEF

9 – 12

13 – 15

16 – 24

25 – 39

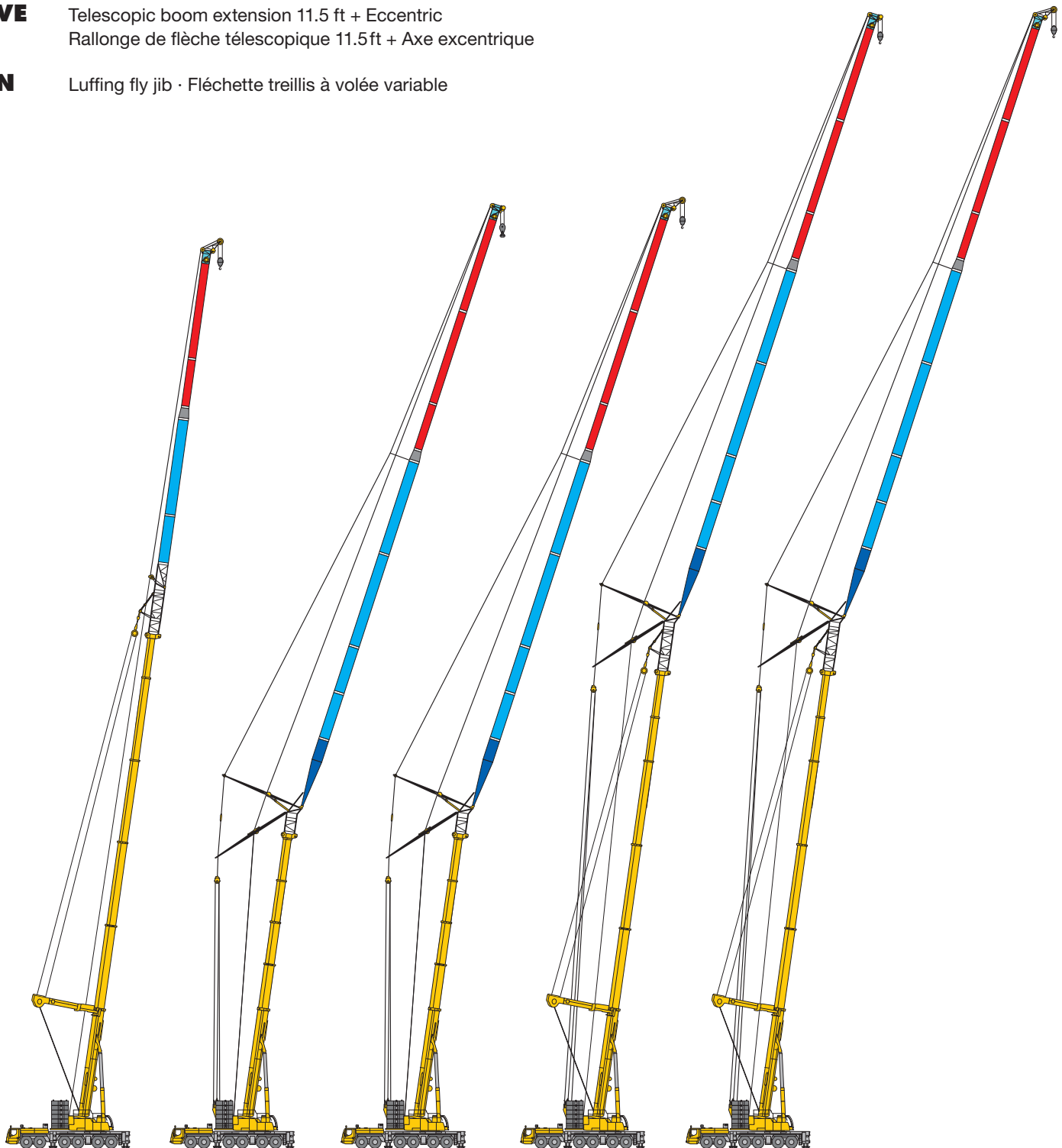
S2586

▲ For reference only.
Operators manual should be consulted and adhered to.

Boom/jib combinations Configurations de flèche

VE Telescopic boom extension 11.5 ft + Eccentric
Rallonge de flèche télescopique 11.5 ft + Axe excentrique

N Luffing fly jib · Fléchette treillis à volée variable



TYVEFH

TN

40 – 52

TNH

TYVEN

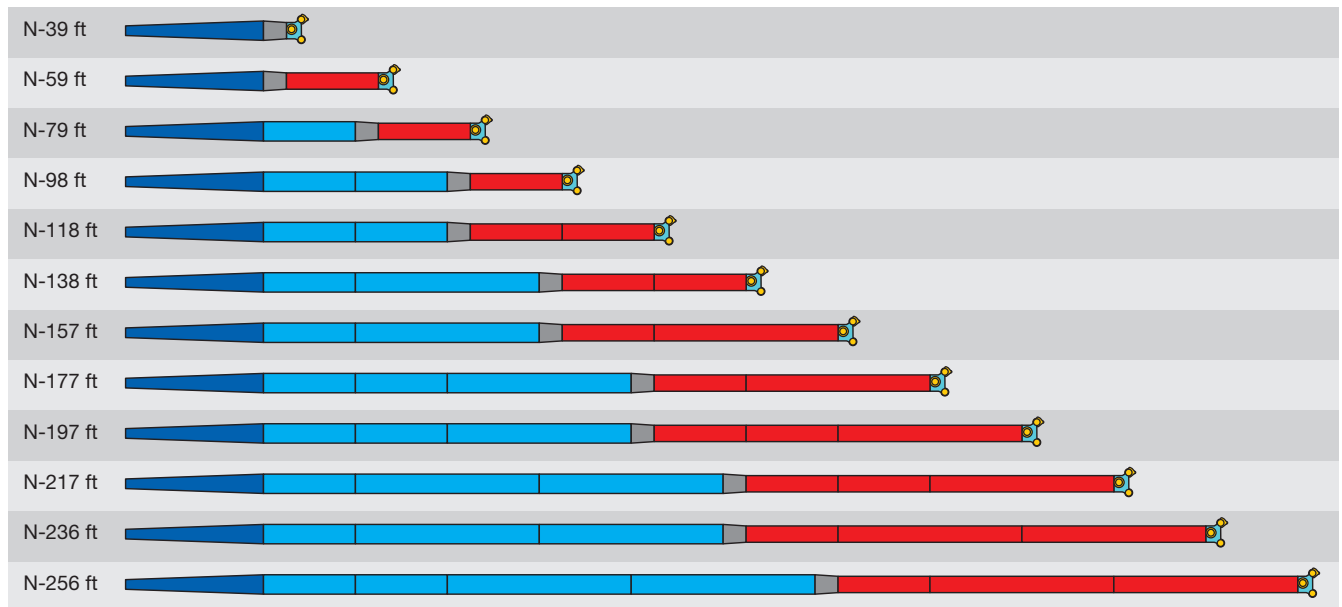
53 – 71

TYVENH

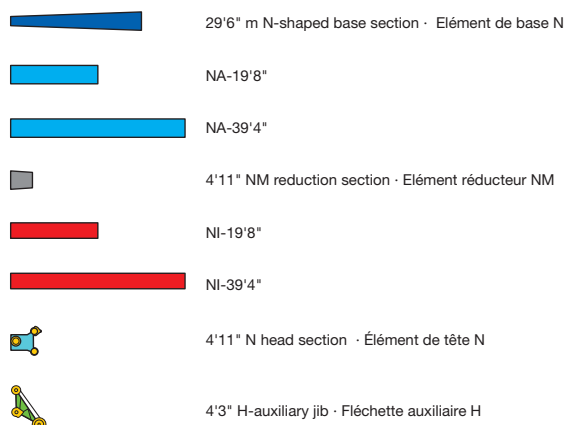
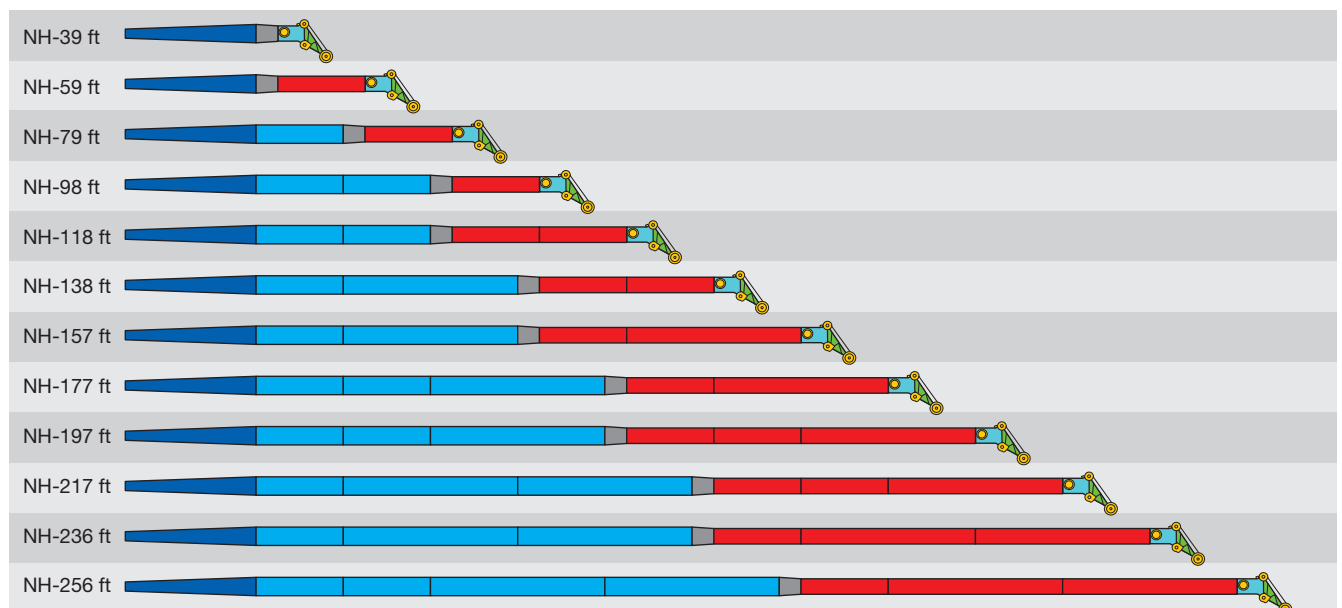
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▲ For reference only.
Operators manual should be consulted and adhered to.

Boom/jib combinations - Luffing fly jib Configurations de flèche - Fléchette à volée variable



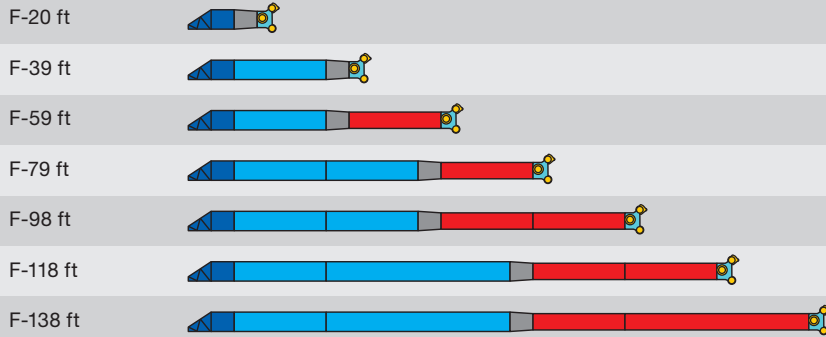
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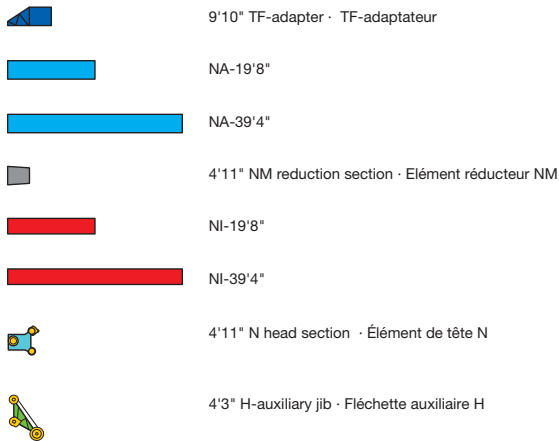
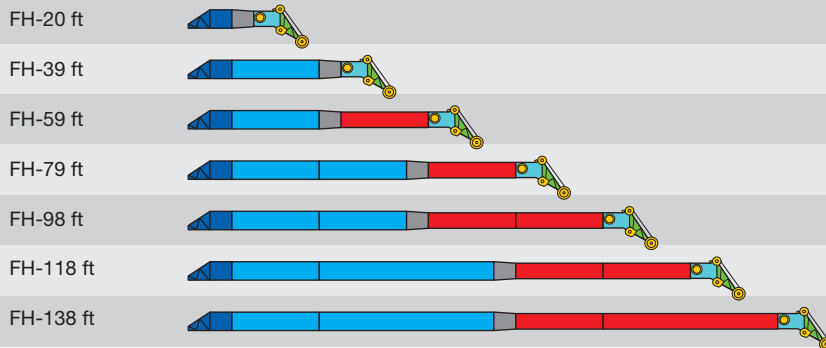
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▲ For reference only.
Operators manual should be consulted and adhered to.

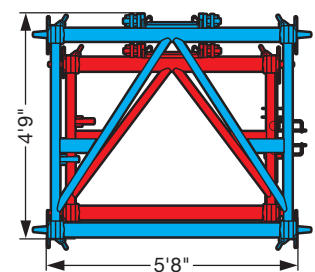
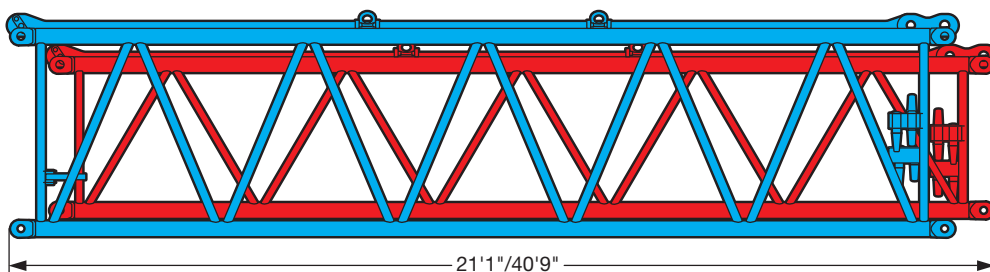
Boom/jib combinations - Fixed fly jib Configurations de flèche - Fléchette fixe



US2434



S2584



US2436

▲ For reference only.
Operators manual should be consulted and adhered to.

Weights Poids



Axle Essieu	1	2	3	4	5	6	Total weight lbs Poids total lbs
lbs	26400	26400	26400	26400	26400	26400	158400



Load kips Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
463	12	24 (20)	7500
343.3	7	14	4850
275.6	5	11	3630
176.4	3	7	3200 / 6615*
79.8	1	3	2200
27.1	—	1	1320

* only necessary for operation with 39 ft luffing fly jib · nécessaire uniquement en cas de fonctionnement avec la fléchette à volée variable de 39 ft

Working speeds Vitesses



	1	2	3	4	5	6	7	8	9	10	11	12	R 1	R 2	
445/95 R 25 (16.00 R 25) 525/80 R 25 (20.5 R 25)	1.52 – 3.9	4.9	6.4	8.1	10.4	13.3	17.5	22.5	29.1	37.3	47.3	50	1.64 – 4.2	5.3	50.9 %



Drive Mécanismes	infinitely variable en continu	Rope diameter / length Diamètre / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 446 ft/min single line ft/min au brin simple	0.9" / 1148 ft	27420 lbs
	0 – 459 ft/min single line ft/min au brin simple	0.9" / 2067 ft	27420 lbs
	0 – 1.1 rpm		
	approx. 75 seconds to reach 84° boom angle env. 75 s jusqu'à 84°		
	approx. 533 seconds for boom extension from 49 ft – 230 ft env. 533 s pour passer de 49 ft – 230 ft		

For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

T

49 – 230 ft   308600 lbs 85%														
ft	49 ft	66 ft	82 ft	99 ft	115 ft	132 ft	149 ft	165 ft	182 ft	198 ft	215 ft	227 ft	230 ft	ft
18	323.7	319												18
20	308.8	309												20
22	288.4	289.6	272.2	245.5	185.1									22
24	269.8	271.5	260.2	240.7	185									24
26	253	254.8	247	233.9	197.6									26
28	238.7	240.5	235.7	223.4	197.4	151.3	121.3	95.3						28
30	225.3	227.1	224.6	212.9	195.4	156.1	119.5	94.9						30
32	213.5	215.2	213.4	203.9	192.7	156.1	116.4	93.9	74.8					32
34	202.7	204.3	202.7	195.7	187.7	155.5	113.1	92.4	74.5					34
36	192.4	194.1	192.5	187.9	181.1	154.5	109.7	90.6	73.9					36
38	182.4	185.2	183.6	180.8	174.6	151.9	106.1	88.4	73.1	60.4				38
40	163.8	176.8	175.2	173.7	168.4	149	102.7	86.1	72.1	60				40
42		169.3	167.4	166.4	162.6	145.8	99.4	83.8	70.6	59.5	48.3			42
44		162.2	160.3	159.4	157.1	142	96.1	81.5	69.1	58.8	48.1	40.6	39	44
46		155.4	153.5	152.6	151.8	137.9	92.9	79.3	67.5	57.9	47.9	40.3	38.9	46
48		149.4	147.7	146.8	146.8	133.9	90	77.2	66	56.8	47.5	39.9	38.6	48
50		143.4	142	141.1	141.8	129.8	87.2	75.1	64.4	55.7	47	39.5	38.4	50
55			128.7	127.9	129.4	120.6	80.4	70.2	60.6	53	45.7	38.2	37.4	55
60			116.6	116.7	117.2	112.4	74.2	65.5	57	50.2	44.1	36.7	36.2	60
65			106.2	107.8	106.7	105	69.9	60.9	53.7	47.5	42.3	35.2	34.7	65
70				99.2	97.9	98.5	66.1	56.9	50.6	45.1	40.4	33.6	33.2	70
75				91.4	90.1	91.8	62.8	53.1	47.6	42.8	38.6	32.2	31.8	75
80				83.7	83.1	85.1	59.9	49.7	44.7	40.5	36.7	30.8	30.5	80
85				74.4	76.9	79	57	46.6	42.2	38.3	35.1	29.4	29.1	85
90					71.7	73.6	54.6	43.9	39.7	36.3	33.4	28.2	27.9	90
95					67.1	68.8	52.3	41.2	37.5	34.4	31.8	26.9	26.7	95
100						64.5	50.2	39	35.4	32.5	30.3	25.7	25.5	100
105						60.5	48.3	37.4	33.3	30.8	28.8	24.5	24.3	105
110						56.5	46.6	36	31.4	29.2	27.4	23.4	23.2	110
115						50.2	45	34.6	29.8	27.7	26.1	22.3	22	115
120							43.5	33.3	28.4	26.2	24.9	21.2	20.9	120
125							42.2	32	27.1	24.9	23.8	20.3	19.9	125
130							41.1	30.8	26	23.9	22.6	19.4	19	130
135								29.8	25	22.8	21.5	18.6	18	135
140								28.8	24	21.8	20.5	17.7	17.1	140
145								27.8	23.1	20.9	19.5	16.9	16.2	145
150								27	22.3	20.1	18.6	16.2	15.4	150
155									21.6	19.2	17.7	15.5	14.6	155
160									20.9	18.4	16.9	14.8	13.9	160
165									20.3	17.7	16	14.2	13.1	165
170										17	15.2	13.6	12.5	170
175										16.4	14.5	13.1	11.8	175
180										15.8	13.8	12.5	11.2	180
185										14.7	13.2	12	10.6	185
190											12.5	11.5	10	190
195											11.9	11.1	9.5	195
200												10.6	9	200
205												10.1	8.5	205
210												9.7	8.1	210
215													7.7	215

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 For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

T

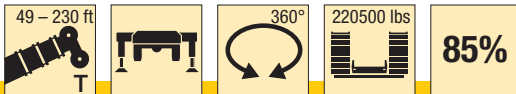
49 – 230 ft     308600 lbs 85%														
ft	49 ft	66 ft	82 ft	99 ft	115 ft	132 ft	149 ft	165 ft	182 ft	198 ft	215 ft	227 ft	230 ft	ft
9	343.3													9
10	343.3													10
11	343.3	343.3												11
12	343.3	343.3												12
13	343.3	343.3	342											13
14	343.3	343.3	341.7	252.5										14
15	343.3	343.2	338.7	252.5										15
16	343.3	342.4	328	252.5										16
17	342.2	337	318.3	252.5										17
18	340.3	328.5	309.2	252.5	205									18
20	333.9	311.6	291.3	251.8	204.7									20
22	314.2	295.2	275	247.3	202.8	156.1								22
24	296.1	279.6	260.2	241.3	201	156.1								24
26	279.6	264.5	247	233.9	199.3	156.1	122.9							26
28	264	251.7	236	223.4	197.4	156.1	121.4	95.3						28
30	248.5	239.6	225.6	212.9	195.4	156.1	119.5	94.9						30
32	232.7	228.8	216	203.9	192.7	156.1	116.4	93.9	74.8					32
34	218.3	217.3	206.9	195.7	187.7	155.5	113.1	92.4	74.5					34
36	204.9	205.5	197.9	187.9	181.1	154.5	109.7	90.6	73.9					36
38	187.9	194.4	190.1	180.9	174.6	151.9	106.1	88.4	73.1	60.4				38
40	164.2	183.9	182.1	174.1	168.4	149	102.7	86.1	72.1	60				40
42		174.8	173.7	167.5	162.6	145.8	99.4	83.8	70.6	59.5	48.3			42
44		166.8	165.4	161.3	157.1	142	96.1	81.5	69.1	58.8	48.1	40.6	39	44
46		159.3	157.3	155.3	151.8	137.9	92.9	79.3	67.5	57.9	47.9	40.3	38.9	46
48		152.3	150.6	148.9	146.9	133.9	90	77.2	66	56.8	47.5	39.9	38.6	48
50		145.3	144	142.5	142	129.8	87.2	75.1	64.4	55.7	47	39.5	38.4	50
55			129.2	128.3	129.5	120.6	80.4	70.2	60.6	53	45.7	38.2	37.4	55
60			116.6	116.7	117.2	112.4	74.2	65.5	57	50.2	44.1	36.7	36.2	60
65			106.2	107.8	106.7	105	69.9	60.9	53.7	47.5	42.3	35.2	34.7	65
70				99.2	97.9	98.5	66.1	56.9	50.6	45.1	40.4	33.6	33.2	70
75				91.4	90.1	91.8	62.8	53.1	47.6	42.8	38.6	32.2	31.8	75
80				83.7	83.1	85.1	59.9	49.7	44.7	40.5	36.7	30.8	30.5	80
85				74.4	76.9	79	57	46.6	42.2	38.3	35.1	29.4	29.1	85
90					71.7	73.6	54.6	43.9	39.7	36.3	33.4	28.2	27.9	90
95					67.1	68.8	52.3	41.2	37.5	34.4	31.8	26.9	26.7	95
100						64.5	50.2	39	35.4	32.5	30.3	25.7	25.5	100
105						60.5	48.3	37.4	33.3	30.8	28.8	24.5	24.3	105
110						56.5	46.6	36	31.4	29.2	27.4	23.4	23.2	110
115						50.2	45	34.6	29.8	27.7	26.1	22.3	22	115
120							43.5	33.3	28.4	26.2	24.9	21.2	20.9	120
125							42.2	32	27.1	24.9	23.8	20.3	19.9	125
130							41.1	30.8	26	23.9	22.6	19.4	19	130
135								29.8	25	22.8	21.5	18.6	18	135
140								28.8	24	21.8	20.5	17.7	17.1	140
145								27.8	23.1	20.9	19.5	16.9	16.2	145
150								27	22.3	20.1	18.6	16.2	15.4	150
155									21.6	19.2	17.7	15.5	14.6	155
160									20.9	18.4	16.9	14.8	13.9	160
165									20.3	17.7	16	14.2	13.1	165
170										17	15.2	13.6	12.5	170
175										16.4	14.5	13.1	11.8	175
180										15.8	13.8	12.5	11.2	180
185										14.7	13.2	12	10.6	185
190											12.5	11.5	10	190
195											11.9	11.1	9.5	195
200												10.6	9	200
205												10.1	8.5	205
210												9.7	8.1	210
215													7.7	215

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 For reference only.
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Lifting capacities Forces de levage

T



 ft															 ft
	49 ft		66 ft	82 ft	99 ft	115 ft	132 ft	149 ft	165 ft	182 ft	198 ft	215 ft	227 ft	230 ft	
*															
9		343.3												9	
10	742	343.3												10	
11	554	343.3	343.3											11	
12	454.8	343.3	343.3											12	
13	438.6	343.3	343.3	342										13	
14	417.7	343.3	343.3	341.7	252.5									14	
15	397.4	343.1	343	338.7	252.5									15	
16	381.3	342.2	341.6	328	252.5									16	
17	367.8	334.7	334.3	318.3	252.5									17	
18	356.1	322.7	323	309.2	252.5	205								18	
20	332.1	299.3	300.8	291.3	251.8	204.7								20	
22	304.4	279.5	281.1	275	247.3	202.8	156.1							22	
24	279.3	261.4	263.2	259.5	241.3	201	156.1							24	
26	256.7	245.1	246.9	244.9	233.9	199.3	156.1	122.9						26	
28	238.3	231.2	233	231.3	223.4	197.4	156.1	121.4	95.3					28	
30	221.4	218	219.8	218.2	212.7	195.4	156.1	119.5	94.9					30	
32	207.1	206.1	208	206	202.8	192.7	156.1	116.4	93.9	74.8				32	
34	194.2	194.2	196.1	194.2	192.4	187.7	155.5	113.1	92.4	74.5				34	
36	182.2	182.2	184.2	182.4	181.6	181	154.5	109.7	90.6	73.9				36	
38	172.2	172.2	174.1	172.4	173	172.6	151.9	106.1	88.4	73.1	60.4			38	
40	155.6	155.6	164.6	162.9	164.5	164	149	102.7	86.1	72.1	60			40	
42			156.3	154.5	156.4	155.4	145.8	99.4	83.8	70.6	59.5	48.3		42	
44			148.7	147.6	148.8	147.6	142	96.1	81.5	69.1	58.8	48.1	40.6	39	44
46			141.3	141.5	141.5	140.3	137.9	92.9	79.3	67.5	57.9	47.9	40.3	38.9	46
48			135.3	135.6	135.4	134.2	133.3	90	77.2	66	56.8	47.5	39.9	38.6	48
50			129.3	129.7	129.4	128.2	128.6	87.2	75.1	64.4	55.7	47	39.5	38.4	50
55				116.5	116	114.7	116.9	80.4	70.2	60.6	53	45.7	38.2	37.4	55
60				105.2	104.7	103.6	105.5	74.2	65.5	57	50.2	44.1	36.7	36.2	60
65				95.7	95.3	95.6	96	69.9	60.9	53.7	47.5	42.3	35.2	34.7	65
70					87.3	88.8	87.9	66.1	56.9	50.6	45.1	40.4	33.6	33.2	70
75					79.8	82	80.5	62.8	53.1	47.6	42.8	38.6	32.2	31.8	75
80					73.4	75.3	73.6	59.9	49.7	44.7	40.5	36.7	30.8	30.5	80
85					69.2	69.1	67.4	57	46.6	42.2	38.3	35.1	29.4	29.1	85
90						63.9	62.2	54.6	43.9	39.7	36.3	33.4	28.2	27.9	90
95						59.2	57.5	52.3	41.2	37.5	34.4	31.8	26.9	26.7	95
100							53.2	50.2	39	35.4	32.5	30.3	25.7	25.5	100
105							49.4	48.3	37.4	33.3	30.8	28.8	24.5	24.3	105
110							46	46.5	36	31.4	29.2	27.4	23.4	23.2	110
115							43	44.2	34.6	29.8	27.7	26.1	22.3	22	115
120								41.8	33.3	28.4	26.2	24.9	21.2	20.9	120
125								39.1	32	27.1	24.9	23.8	20.3	19.9	125
130								36.8	30.8	26	23.9	22.6	19.4	19	130
135									29.8	25	22.8	21.5	18.6	18	135
140									28.8	24	21.8	20.5	17.7	17.1	140
145									27.8	23.1	20.9	19.5	16.9	16.2	145
150									27	22.3	20.1	18.6	16.2	15.4	150
155										21.6	19.2	17.7	15.5	14.6	155
160										20.9	18.4	16.9	14.8	13.9	160
165										20.3	17.7	16	14.2	13.1	165
170											17	15.2	13.6	12.5	170
175											16.4	14.5	13.1	11.8	175
180											15.8	13.8	12.5	11.2	180
185											14.7	13.2	12	10.6	185
190												12.5	11.5	10	190
195												11.9	11.1	9.5	195
200													10.6	9	200
205													10.1	8.5	205
210													9.7	8.1	210
215														7.7	215

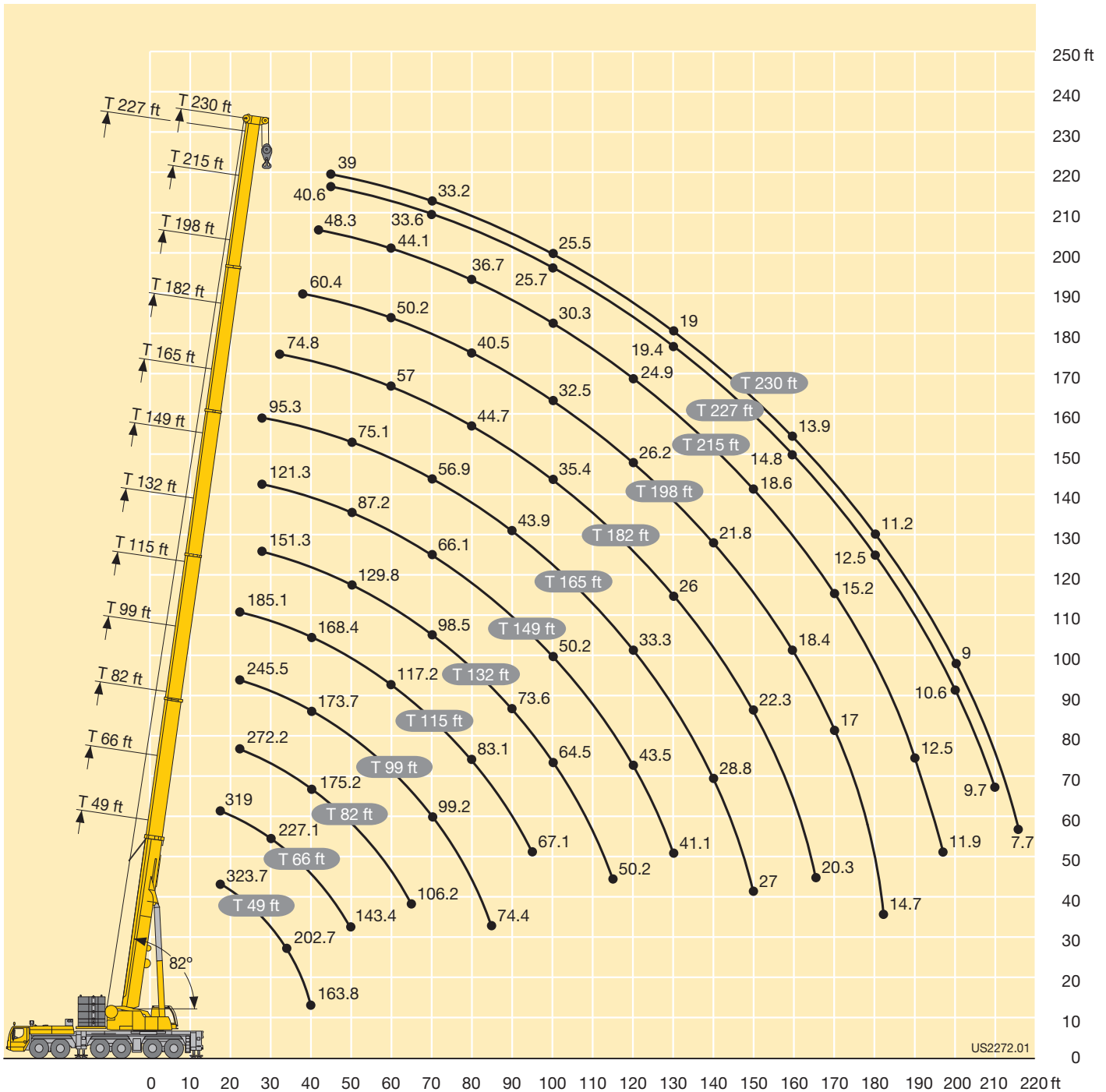
* over rear · en arrière

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting heights Hauteurs de levage

T



▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TY

     													
ft	99 ft	115 ft	132 ft	149 ft	165 ft	182 ft	194 ft	198 ft	210 ft	215 ft	227 ft	230 ft	ft
26	236.9	217.6											26
28	227	212.9	189.3										28
30	217.3	207.4	186.1										30
32	207.7	199.7	184.2	166.8									32
34	199.5	192.1	179.7	165.3									34
36	192.4	184.4	173.7	163.1									36
38	183.8	177.9	168.6	159.2	144.7								38
40	175.4	171.4	163.4	155	143.2								40
42	167.3	165.2	157.7	150.5	140	124.5	113	106.1		93.9		80.2	42
44	159.9	159.3	152.9	146	136.4	123.8	112.6	105.8	96.6	93.6		80	44
46	152.9	153.5	148.5	141.5	132.8	122.9	111.9	105.4	96.2	93.1	81.8	79.6	46
48	146.8	147.7	144.2	137.8	129.6	120.5	110.2	104.7	95.4	92.3	80.8	79.2	48
50	140.8	141.9	139.9	134.1	126.3	118.2	108.5	104	94.6	91.5	79.7	78.7	50
55	127.2	128.7	129.1	125	118.4	111.6	104.1	101.5	92.1	88.6	76.9	77.2	55
60	115.5	117.1	118.5	116.2	111	104.5	99.6	98	89	84.9	73.9	75.2	60
65	105.6	107.1	108.7	107.8	104.4	98.3	94.8	92.9	85.5	81.6	70.9	72.7	65
70	96.5	98.3	100	99.9	97.8	92.9	89.7	87.8	82.3	78.4	68.3	70.1	70
75	88.3	90.3	91.9	92.2	91.4	87.6	84.8	83.1	79.1	75.4	65.9	67.6	75
80	79.6	82.9	84.4	84.8	85	82.5	80.3	78.7	75.9	72.6	63.7	65.3	80
85	68.2	76.2	77.9	78.2	78.5	77.6	75.8	74.3	72.4	69.4	61.6	63.1	85
90		70.5	72.2	72.6	72.9	72.5	71.7	70.4	68.6	65.7	59.7	60.9	90
95		63.8	67.1	67.5	67.8	67.4	67.4	66.6	65.1	62.2	57.7	58.9	95
100			62.4	62.8	63.1	62.7	63.1	62.6	61.7	59	55.8	56.8	100
105			58.1	58.5	58.8	58.4	58.8	58.3	58.4	56	53.9	54.5	105
110			53	54.7	55.1	54.7	55	54.6	54.9	53	51.9	52	110
115			45.8	51.2	51.7	51.2	51.5	51.1	51.5	49.8	49.5	49.4	115
120				47.6	48.4	48	48.3	47.8	48.2	46.7	46.8	46.7	120
125				43.6	45.4	45.1	45.3	44.8	45.2	43.7	44	44	125
130				37.8	42.6	42.3	42.7	42.1	42.5	40.9	41.4	41.4	130
135					39.7	39.7	40.1	39.6	40	38.3	38.9	38.9	135
140					36.1	37.3	37.6	37.1	37.5	35.8	36.4	36.5	140
145					31.4	34.8	35.3	34.9	35.3	33.5	34.1	34.3	145
150					25.7	32.5	33.2	32.7	33.1	31.3	32	32	150
155						29.2	31.2	30.5	31	29.3	29.9	30	155
160						25.2	28.8	28.5	29.1	27.4	28	28	160
165						20.5	26	26.5	27.3	25.5	26.1	26.2	165
170							22.6	23.6	25.5	23.8	24.3	24.4	170
175							18.6	20.3	23.5	22.2	22.8	22.8	175
180								16.4	21.1	20.3	21.3	21.3	180
185									18.2	17.9	19.8	19.8	185
190									14.9	15.2	18.2	18.4	190
195										11.9	15.9	16.4	195
200											13.4	14.1	200
205												11.5	205
210												8.6	210

TAB 180_60101_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

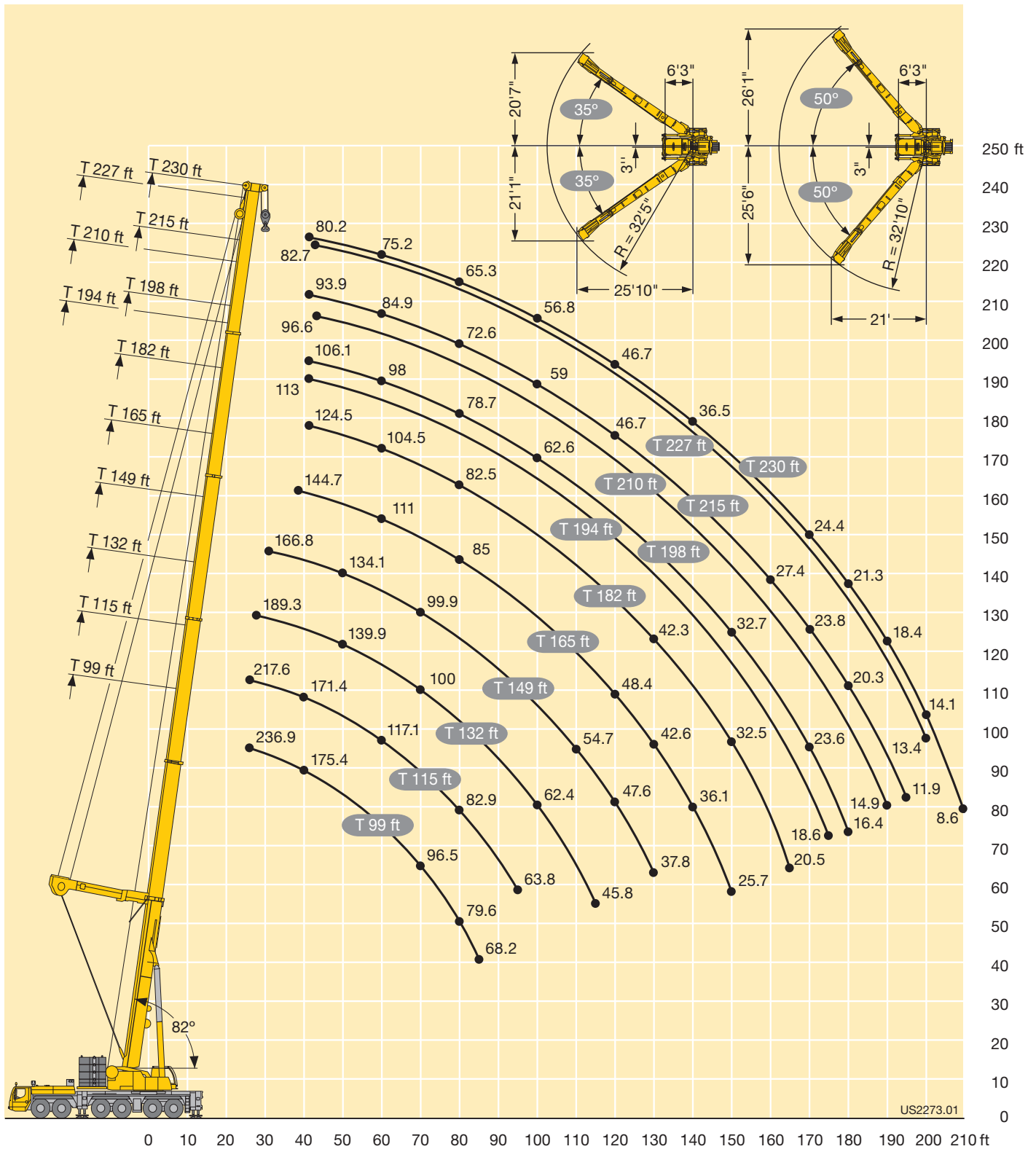
Lifting capacities Forces de levage

TY

99 – 230 ft T Y 360° 220500 lbs 85%													
ft	99 ft	115 ft	132 ft	149 ft	165 ft	182 ft	194 ft	198 ft	210 ft	215 ft	227 ft	230 ft	ft
15	256.7												15
16	259.8												16
17	261.2												17
18	261.7												18
20	262	231.6											20
22	259.1	234.4											22
24	251.8	232	198.9										24
26	240.4	224.8	198.8										26
28	228.6	216.1	196.8	167.4									28
30	217.1	207.4	193.9	167.8	145.1								30
32	206.4	199.7	189	167.8	145.3								32
34	196.5	192.1	182.8	166.7	145.4								34
36	187.1	184.4	175.8	164.7	145.4								36
38	177.6	176.7	169.5	159.9	144.7	124.6	113.3	106.3					38
40	168.2	168.8	163.4	155	143.2	124.6	113.3	106.3	97	94.2		79.8	40
42	159.1	160.3	157.7	150.5	140	124.5	113.1	106.1	96.9	93.9	82.8	80.2	42
44	150.8	152.2	151.6	146	136.4	123.8	112.6	105.8	96.6	93.6	82.7	80	44
46	143	144.4	145.4	141.5	132.8	122.9	111.9	105.4	96.2	93.1	81.8	79.6	46
48	136.5	138.1	139.2	136.6	129.6	120.5	110.2	104.7	95.4	92.3	80.8	79.2	48
50	130.1	131.7	133	131.7	126.3	118.2	108.5	104	94.6	91.5	79.7	78.7	50
55	115.7	117.5	119	119.3	117.3	111.4	104.1	101.5	92.1	88.6	76.9	77.2	55
60	103.6	105.3	106.9	107.2	107.3	103.6	99.3	97.8	89	84.9	73.9	75.2	60
65	93.5	95.2	96.8	97.1	97.3	94.7	93	91.4	85.5	81.6	70.9	72.7	65
70	84.7	86.6	88.2	88.5	88.8	86.7	85.5	84.1	81.3	78.1	68.3	70.1	70
75	77	79.1	80.6	81	81.3	79.6	78.6	77.2	76.1	73.4	65.9	67.5	75
80	70.1	72.3	73.9	74.3	74.6	73.2	72.3	71.1	70.3	67.7	63.5	64.8	80
85	63.6	66.1	68	68.3	68.7	67.5	66.8	65.6	64.9	62.4	60.8	61.6	85
90		60.6	62.5	62.9	63.3	62.4	61.8	60.7	60.2	57.7	57	57.1	90
95		55.4	57.4	57.9	58.3	57.7	57.3	56.2	55.7	53.3	53	52.9	95
100			52.8	53.3	53.6	53.2	53.1	52.1	51.7	49.3	49.1	49	100
105			48.5	49	49.4	49	49.2	48.3	47.9	45.7	45.5	45.4	105
110			44.7	45.2	45.7	45.2	45.6	44.8	44.6	42.4	42.3	42.2	110
115			41.1	41.7	42.3	41.8	42.2	41.6	41.5	39.3	39.3	39.3	115
120				38.5	39.1	38.6	39	38.4	38.6	36.5	36.5	36.5	120
125				35.6	36.1	35.8	36.1	35.5	35.9	33.9	33.9	33.9	125
130				32.8	33.5	33.1	33.6	32.9	33.3	31.5	31.6	31.6	130
135					31	30.7	31.1	30.5	30.9	29.2	29.4	29.4	135
140					28.7	28.3	28.8	28.2	28.6	27	27.3	27.3	140
145					26.5	26.2	26.6	26.1	26.6	24.9	25.3	25.4	145
150					24.3	24.2	24.7	24.1	24.6	22.9	23.4	23.5	150
155						22.4	22.9	22.2	22.7	21.1	21.6	21.7	155
160						20.7	21.2	20.5	21	19.4	20	20	160
165						18.5	19.5	18.9	19.4	17.8	18.3	18.4	165
170							18	17.4	17.9	16.2	16.8	16.9	170
175							16.6	15.9	16.5	14.9	15.4	15.5	175
180								14.2	15.1	13.5	14.1	14.1	180
185									13.9	12.3	12.8	12.8	185
190									12.7	11.1	11.6	11.6	190
195										9.9	10.5	10.5	195
200											9.4	9.4	200
205												8.4	205
210												7.3	210

TAB 180_60105_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

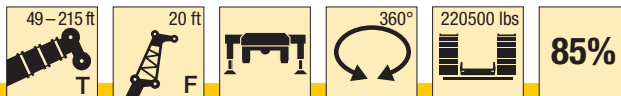


Angle of the Y-suspension between 35° and 50° depending on the extension condition of the individual telescopic sections.
Angle du haubannage Y entre 35° et 50°, en fonction de l'état de sortie des différents éléments télescopiques.

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TF



	49 + 8 ft*				132 + 8 ft*				149 + 8 ft*				165 + 8 ft*				182 + 8 ft*				198 + 8 ft*				215 + 8 ft*				
	20 ft				20 ft				20 ft				20 ft				20 ft				20 ft				20 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
11	99.3																											11	
12	98.9																											12	
13	98.1																											13	
14	96.3																											14	
15	94.3																											15	
16	91.6																											16	
17	89.1																											17	
18	86.7	74.6																										18	
20	81.9	72.4																										20	
22	77.5	69	61																									22	
24	73.4	65.9	59.9																									24	
26	69.5	63	57.7	53.6	99.2																							26	
28	66.3	60.4	55.6	53.2	98.5																							28	
30	63.2	57.9	53.7	52.4	97.4																							30	
32	60.3	55.7	51.9	50.9	95.5	75.9			79.8																			32	
34	57.8	53.7	50.3	49.6	93.3	74.8			79.8																			34	
36	55.3	51.8	48.7	48.3	90.7	73			79.8				65.5															36	
38	53.1	50.1	47.3	47.3	88.4	71.4	60.5		79.5	69.9			65.2				52.1											38	
40	51	48.4	46	46.4	86	69.8	59.7		78.8	68.9			64.6				52											40	
42	49.1	46.9	44.8	45.8	83.8	68.2	58.6	53.6	77.3	67.5	57.9		63.7				51.7											42	
44	47.3	45.5	43.7	45.2	81.5	66.7	57.6	53.6	75.4	66.2	57.3	53.4	62.4	61.7			51.4				41.2							44	
46	45.6	44.1	42.6	44.5	79.3	65.3	56.7	53.5	73.4	64.9	56.5	53.2	61	60.7			50.9				41.1							46	
48	44.2	42.9	41.7	40.7	77.3	64	55.8	52.8	71.5	63.7	55.7	52.6	59.5	59.2			49.9				40.8							48	
50	42.8	41.6	40.8	36.9	75.4	62.8	54.9	52.2	69.6	62.6	54.9	52	58.1	57.8	53.4	50.6	48.9	48.3			40.5	39.5			33			50	
55	39.6	38.8	38.8		70.8	59.8	52.8	50.6	65.1	59.8	53	50.6	54.6	54.3	52.4	49.8	46.3	46.2	46.5	46.1	39.2	38.8	37.9		32.5	31.5		55	
60	37	36.5	34.8		66.6	57	50.9		61	57.3	51.3	49.3	51.3	51.1	50.7	48.6	43.7	43.8	44.4	45	37.5	37.4	37.4		31.7	31.2		60	
65					63	54.6	49.2		57.1	54.9	49.7	48.1	48.4	48.2	48.4	47.5	41.3	41.4	42	42.8	35.6	35.7	35.9	36.4	30.6	30.3	30.4		65
70					59.7	52.3	47.6		53.4	52.4	48.1		45.5	45.5	45.7	45.8	39	39.2	39.7	40.5	33.8	34.1	34.3	34.9	29.3	29.2	29.4	29.7	70
75					56.7	50.3	46.1		50	49.6	46.6		42.9	42.9	43.1		36.9	37.1	37.6	38.3	32	32.4	32.8	33.3	28	28	28.3	28.7	75
80					54	48.4	44.8		46.7	46.7	45.1		40.4	40.4	40.6		34.8	35.1	35.5		30.4	30.8	31.2	31.8	26.7	26.8	27.1	27.6	80
85					51.5	46.7	43.6		43.8	43.7	43.4		38	38.1	38.1		32.9	33.2	33.6		28.8	29.2	29.7	30.3	25.5	25.7	26	26.5	85
90					49.2	45.2	42.5		41	41.1	41.1		35.8	35.8	36		31.1	31.5	31.8		27.3	27.7	28.2		24.3	24.6	24.9	25.4	90
95					47.2	43.6	41.5		38.5	38.6	38.8		33.7	33.7	33.9		29.4	29.8	30.1		25.8	26.3	26.7		23.1	23.5	23.8		95
100					45.2	42.2			36.2	36.3	36.5		31.6	31.7	32		27.8	28.1	28.4		24.4	24.9	25.3		21.9	22.4	22.7		100
105					43.5	40.8			34	34.1	34.3		29.6	29.8	30.2		26.2	26.5	26.7		23.1	23.6	24		20.7	21.3	21.7		105
110					41.9	39.6			31.9	32.2	32.4		27.9	28.1	28.5		24.7	25.1	25.3		21.9	22.4	22.8		19.7	20.2	20.6		110
115					40.2	38.5			30	30.3			26.2	26.4	26.8		23.3	23.6	23.8		20.7	21.2	21.6		18.7	19.2	19.6		115
120					38.2	37.3			28.3	28.5			24.6	24.8	25.3		21.9	22.3	22.5		19.6	20.1	20.4		17.7	18.2	18.6		120
125					35.7	36			26.7	26.8			23.1	23.3			20.6	21	21.2		18.5	19	19.2		16.8	17.3	17.7		125
130					33.3	33.9			25.4	25.4			21.8	21.9			19.3	19.7	20		17.5	17.9	18.1		15.9	16.4	16.7		130
135					31.1				24.2	24.2			20.5	20.6			18.1	18.6			16.4	16.9	17.1		15	15.5	15.8		135
140					29.1				23	23			19.3	19.5			17	17.5			15.4	15.9	16.1		14.2	14.7	15		140
145					26.6				22	22			18.2	18.5			16	16.4			14.5	15			13.4	13.9	14.1		145
150									20.9				17.3	17.5			15	15.4			13.6	14.1			12.6	13.1	13.3		150
155									20				16.4	16.6			14.1	14.5			12.8	13.2			11.9	12.3	12.5		155
160													15.6				13.3	13.6			12	12.4			11.1	11.6			160
165													14.8				12.6	12.9			11.4	11.6			10.4	10.9			165
170													14				12	12.2			10.7	11			9.7	10.2			170
175													13.4				11.3				10.1	10.4			9.1	9.5			175
180																	10.7				9.5	9.8			8.4	8.8			180
185																	10.1				9	9.2			7.8	8.2			185
190																	9.6				8.5	8.7			7.3	7.6			190
195																					8				6.8	7.1			195
200																					7.6				6.3	6.6			200
205																					7.2				5.8				205
210																					6.8				5.3				210
215																									4.9				215
220																									4.4				220

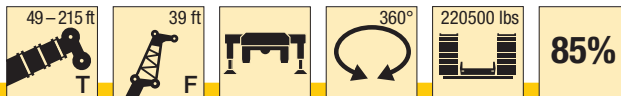
* adapter - pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TF



	49 + 8 ft*				132 + 8 ft*				149 + 8 ft*				165 + 8 ft*				182 + 8 ft*				198 + 8 ft*				215 + 8 ft*				
	39 ft				39 ft				39 ft				39 ft				39 ft				39 ft				39 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
14	71.5																											14	
15	71.2																											15	
16	69.9																											16	
17	68.4																											17	
18	66.7																											18	
20	63.5																											20	
22	60.7																											22	
24	58																											24	
26	55.5																											26	
28	53.1	45.4																										28	
30	50.8	44.4																										30	
32	48.6	42.7			69.4																							32	
34	46.6	41.1			67.6																							34	
36	44.6	39.6			65.9			62.8																				36	
38	42.8	38.2	34		64.2			61.5				52.5																38	
40	41.1	36.9	33.5		62.6			60.1				52.5																40	
42	39.6	35.7	32.5		61			58.9				52.3																42	
44	38.2	34.5	31.6		59.6	45.4		57.6				52.1			41.5													44	
46	36.9	33.4	30.8	27	58.2	44.6		56.4				51.8			41.4													46	
48	35.7	32.5	30	27	56.8	43.7		55.3				51			41.2													48	
50	34.5	31.6	29.3	27	55.5	42.8		54.2	42.3			50.1			41			32.8										50	
55	31.8	29.4	27.6	26.9	52.4	40.8	33.8	51.6	40.7	33		47.8	39.4		39.9			32.4			26.1							55	
60	29.4	27.5	26.1	26.6	49.4	38.9	32.6	49.2	38.9	32.6		45.2	38.1		38.3			31.8			25.8							60	
65	27.4	25.9	24.8	26	46.5	37.2	31.5	46.8	37.3	31.6	27	42.9	36.7	31.1	36.4	35.1		30.7			25.3							65	
70	25.7	24.5	23.8	25.2	44	35.6	30.5	44.6	35.9	30.6	27	40.6	35.4	30.3	34.7	34	29.4	29.5	29.3		24.6	23						70	
75	24.3	23.4	23		41.8	34.2	29.6	42.4	34.5	29.7	27	38.5	34.1	29.5	32.9	32.8	28.8	28.2	28.2	26.6	23.8	22.5						75	
80	23	22.4	21.4		39.6	32.8	28.7	40.4	33.2	28.9	27	36.5	33	28.7	31.3	31.6	28.1	26.9	27	27.1	26	23	21.8					80	
85					37.8	31.6	27.9	38.7	32.1	28.1	27	34.5	31.9	28	29.7	30.2	27.5	26.6	25.7	25.9	25	25.1	22.1	21.1	20.3			85	
90					36	30.5	27.2	36.9	31	27.4		32.8	30.9	27.4	28.2	28.7	26.9	26.2	24.5	24.9	24.1	24.3	21.2	20.4	19.7	19.7		90	
95					34.4	29.4	26.5	35.2	30	26.8		31.1	29.9	26.8	26.7	27.3	26.3	25.8	23.3	23.8	23.3	23.4	20.4	19.7	19.1	19.1		95	
100					33	28.5	25.8	33.4	29.1	26.2		29.4	28.8	26.2	25.4	26	25.7		22.1	22.7	22.4	22.6	19.5	19.1	18.5	18.6		100	
105					31.6	27.6	25.3	31.7	28.2	25.6		27.9	27.7	25.7	24.1	24.7	25		21	21.7	21.6		18.6	18.4	17.9	18		105	
110					30.4	26.7	24.7	30	27.4	25.1		26.3	26.4	25.2	22.8	23.4	23.9		20	20.6	20.7		17.7	17.7	17.4	17.5		110	
115					29.2	26	24.2	28.4	26.7	24.6		24.8	25.1	24.6	21.7	22.2	22.7		19	19.6	19.8		16.9	17.1	16.9			115	
120					28.2	25.2		26.8	25.9	24.2		23.4	23.8	23.8	20.6	21	21.5		18	18.6	18.9		16.1	16.4	16.4			120	
125					27.1	24.6		25.3	25.1	23.8		22.1	22.5	22.8	19.4	19.9	20.3		17.1	17.7	18.1		15.3	15.7	15.8			125	
130					26.3	24		24	24.2	23.5		20.8	21.3	21.6	18.4	18.8	19.2		16.2	16.8	17.2		14.5	15	15.2			130	
135					25.4	23.5		22.7	23.1			19.6	20.1	20.5	17.3	17.8	18.1		15.4	15.9	16.3		13.7	14.3	14.6			135	
140					24.6	23		21.4	22			18.5	19	19.4	16.3	16.8	17.1		14.5	15	15.4		13	13.7	14			140	
145					23.9	22.5		20.2	20.9			17.5	17.9		15.3	15.8	16.2		13.7	14.2	14.6		12.3	13	13.3			145	
150					23.3	22.2		19.1	19.7			16.4	16.9		14.4	14.9	15.2		12.9	13.4	13.8		11.7	12.3	12.7			150	
155					22.7			18.1	18.6			15.5	15.9		13.5	14			12.2	12.6	13		11	11.7	12			155	
160					22.1			17.3	17.6			14.6	15		12.7	13.2			11.4	11.8	12.2		10.4	11	11.3			160	
165					20.8			16.5				13.7	14.1		11.9	12.3			10.7	11.1			9.8	10.4	10.7			165	
170								15.7				12.9	13.2		11.1	11.5			10	10.4			9.2	9.7	10			170	
175								15.1				12.3	12.5		10.4	10.8			9.3	9.7			8.6	9.1	9.4			175	
180												11.6			9.8	10.1			8.7	9.1			8	8.6				180	
185												11			9.3	9.5			8.2	8.5			7.5	8				185	
190												10.5			8.7	8.9			7.8	8			6.9	7.5				190	
195												10			8.2				7.3	7.6			6.4	7				195	
200															7.8				6.9	7.2			5.9	6.5				200	
205															7.4				6.5	6.8			5.4	6				205	
210															7				6.2				5	5.6				210	
215																			5.8				4.5	5.1				215	
220																			5.5				4.1	4.6				220	
225																			5.2				3.7					225	
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235																							2.9					235	

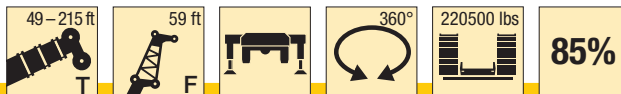
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TF



	49 + 8 ft*				132 + 8 ft*				149 + 8 ft*				165 + 8 ft*				182 + 8 ft*				198 + 8 ft*				215 + 8 ft*				
	59 ft				59 ft				59 ft				59 ft				59 ft				59 ft				59 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
18	52.4																											18	
20	51.5																											20	
22	49.4																											22	
24	47.5																											24	
26	45.5																											26	
28	43.8																											28	
30	42.2																											30	
32	40.6																											32	
34	39.1																											34	
36	37.7				51.3																							36	
38	36.3	30.8			50.1				47.2																			38	
40	35	30.3			48.9				46.7																			40	
42	33.8	29.4			47.7				45.7																			42	
44	32.6	28.5			46.6				44.8				41.4															44	
46	31.4	27.5			45.5				43.9				40.9															46	
48	30.4	26.7			44.5				43				40.2															48	
50	29.3	25.9			43.5				42.2				39.6				34				25.6							50	
55	27	24.1	22.4		41.2	30.4			40.2	29.5			38				33.7				25.6				20.3			55	
60	24.9	22.4	21.3		39	29.4			38.3	29.2			36.5				33.1				25.4				20.3			60	
65	23.1	21	20.1	15.8	37	28			36.6	28			35	27			31.9				25.1				20.1			65	
70	21.6	19.7	19	15.5	35	26.8	22.6		35	26.9			33.7	26.7			30.6	25.5			24.5				19.8			70	
75	20.2	18.6	18.1	15.3	33.2	25.7	22.1	16	33.4	25.8	21.9		32.4	26.1	21.2		29.3	25			23.8	22.8			19.3			75	
80	18.9	17.6	17.3	15.2	31.5	24.7	21.4	15.9	31.9	24.8	21.4		31.2	25.2	21		27.9	24.2			23.1	22.5			18.9			80	
85	17.8	16.7	16.5	15	29.9	23.7	20.7	15.7	30.5	23.9	20.7	15.7	30	24.3	20.5		26.6	23.4	20		22.3	21.9			18.4	17.4		85	
90	16.8	15.9	15.9		28.5	22.8	20.1	15.6	29.2	23.1	20.2	15.6	28.8	23.5	20	15.5	25.4	22.7	19.5	15.4	21.5	21.2			17.8	16.9		90	
95	16	15.3			27.2	22	19.5		27.9	22.3	19.7	15.4	27.6	22.8	19.5	15.4	24.2	22.1	19.1	15.4	20.6	20.4	18.4	15.2	17.3	16.3	15	95	
100					26	21.2	19		26.6	21.5	19.2	15.4	26.5	22.1	19.1	15.4	23	21.5	18.7	15.3	19.8	19.7	18	15.2	16.7	15.8	14.9	100	
105					24.8	20.5	18.5		25.6	20.8	18.7		25.4	21.4	18.6	15.3	21.9	20.9	18.3	15.2	18.9	19	17.7	15.2	16.1	15.3	14.6	105	
110					23.8	19.8	18.1		24.6	20.2	18.3		24.3	20.8	18.2	15.2	20.9	20.3	17.9	15.2	18.1	18.3	17.4	15.2	15.5	14.8	14.2	13.9	110
115					22.8	19.2	17.6		23.6	19.6	17.9		23.1	20.2	17.9		19.8	19.8	17.6	15.2	17.2	17.6	17	15.2	14.9	14.3	13.8	13.7	115
120					21.9	18.6	17.2		22.7	19	17.5		22	19.6	17.5		18.8	19.2	17.3		16.4	16.9	16.6	15.2	14.3	13.9	13.4	13.4	120
125					21	18	16.9		21.9	18.5	17.1		20.8	19.1	17.2		17.9	18.5	17		15.6	16.3	16.1		13.7	13.4	13	13.1	125
130					20.3	17.5	16.5		21.1	18	16.8		19.7	18.6	16.9		17	17.7	16.7		14.9	15.6	15.6		13.1	13	12.6	12.7	130
135					19.6	17	16.2		20.4	17.5	16.5		18.7	18.1	16.6		16.2	16.9	16.4		14.1	14.9	15		12.5	12.6	12.2		135
140					18.9	16.6			19.6	17.1	16.2		17.6	17.6	16.3		15.3	16	16		13.5	14.2	14.5		11.9	12.2	11.9		140
145					18.2	16.2			18.9	16.7	16		16.7	17	16		14.4	15.2	15.6		12.8	13.5	13.9		11.3	11.7	11.6		145
150					17.6	15.8			18.2	16.3	15.7		15.7	16.3	15.8		13.7	14.4	14.9		12.1	12.8	13.3		10.8	11.3	11.2		150
155					17	15.5			17.4	15.9			14.8	15.6	15.5		12.9	13.6	14.1		11.4	12.1	12.6		10.2	10.8	10.9		155
160					16.5	15.2			16.6	15.6			14	14.8	15		12.1	12.9	13.3		10.8	11.5	12		9.6	10.3	10.5		160
165					16	14.9			15.8	15.3			13.2	14			11.3	12.1	12.6		10.2	10.8	11.3		9.1	9.8	10.1		165
170					15.6	14.6			14.9	14.9			12.4	13.2			10.7	11.5	11.8		9.6	10.2	10.6		8.6	9.3	9.7		170
175					15.2				14.1	14.4			11.7	12.4			10	10.8			9	9.6	10		8.1	8.7	9.2		175
180					14.8				13.3	13.7			11	11.7			9.3	10.1			8.5	9	9.4		7.6	8.2	8.6		180
185					14				12.7				10.3	11			8.7	9.5			7.9	8.4			7.1	7.8	8.1		185
190									12.1				9.6	10.3			8.2	8.8			7.4	7.9			6.6	7.3	7.6		190
195									11.6				9.1	9.7			7.7	8.2			6.9	7.4			6.2	6.8	7.2		195
200													8.6				7.3	7.7			6.5	6.9			5.7	6.3			200
205													8.2				6.9	7.2			6.1	6.4			5.3	5.9			205
210													7.7				6.5	6.7			5.8	6			4.8	5.4			210
215													7.4				6.2				5.4	5.7			4.4	5			215
220																	5.8				5.1	5.4			4	4.5			220
225																	5.5				4.8	5			3.6	4.1			225
230																	5.2				4.5				3.2	3.6			230
235																					4.2				2.8	3.2			235
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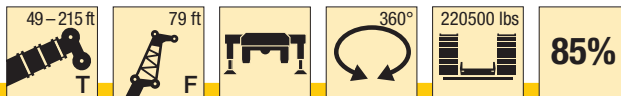
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TF



	49 + 8 ft*				132 + 8 ft*				149 + 8 ft*				165 + 8 ft*				182 + 8 ft*				198 + 8 ft*				215 + 8 ft*				
	79 ft				79 ft				79 ft				79 ft				79 ft				79 ft				79 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
22	39.6																											22	
24	38.8																											24	
26	37.6																											26	
28	36.2																											28	
30	34.9																											30	
32	33.7																											32	
34	32.6																											34	
36	31.5																											36	
38	30.5				39.5																							38	
40	29.5				38.9																							40	
42	28.6				38				35.9																			42	
44	27.7				37.2				35.5																			44	
46	26.8				36.3				34.8																			46	
48	26				35.5				34.2																			48	
50	25.2	22.4			34.8				33.5				31.1															50	
55	23.2	21.2			32.9				31.9				30				26.5				21.2							55	
60	21.4	19.6			31.2				30.4				28.8				26.1				21.1							60	
65	19.8	18.3			29.7	22.9			29.1				27.7				25.6				21				16.5			65	
70	18.4	17.1			28.3	22			27.8	21.6			26.6				25				20.6				16.3			70	
75	17.1	16	14.6		26.9	21			26.6	21			25.6	20.2			24.3				20.2				16			75	
80	16	15.1	14		25.6	20.1			25.5	20.1			24.7	19.7			23.6				19.7				15.7			80	
85	15	14.2	13.3	9.4	24.4	19.3	15.3		24.5	19.3			23.7	19			22.8	18.3			19.1				15.3			85	
90	14.1	13.4	12.6	9.3	23.2	18.5	15		23.4	18.6	14.9		22.9	18.3			22.1	17.7			18.5	16.5			14.8			90	
95	13.3	12.7	12.1	9.1	22	17.8	14.6	9.6	22.4	17.9	14.6		22	17.7	14.5		21.3	17.1			17.8	16.1			14.4	13		95	
100	12.5	12.1	11.5	9.1	21	17.1	14.3	9.5	21.4	17.2	14.3	9.5	21.2	17.1	14.2	9.4	20.5	16.6	13.8		17.2	15.7			14	12.7		100	
105	11.8	11.4	11.1	9	20	16.4	13.9	9.4	20.5	16.6	14	9.4	20.4	16.5	13.9	9.4	19.6	16.1	13.6		16.5	15.3			13.6	12.4		105	
110	11.2	10.9	10.7		19.1	15.8	13.5	9.3	19.6	16.1	13.6	9.3	19.7	16	13.5	9.3	18.7	15.6	13.3	9.2	15.9	14.9	12.8		13.2	12		110	
115	10.7	10.5			18.3	15.3	13.1		18.8	15.6	13.2	9.2	18.9	15.5	13.2	9.2	17.9	15.2	13	9.2	15.2	14.5	12.5	9.1	12.7	11.7	10.3		115
120					17.5	14.8	12.8		18.1	15.1	12.9	9.2	18.2	15	12.9	9.1	17.1	14.7	12.7	9.1	14.6	14.1	12.3	9.1	12.2	11.3	10.1		120
125					16.8	14.3	12.5		17.4	14.6	12.6		17.5	14.6	12.6	9.1	16.3	14.3	12.4	9.1	13.9	13.7	12	9	11.8	11	9.9		125
130					16.1	13.8	12.2		16.6	14.1	12.3		16.9	14.2	12.3	9.1	15.5	13.9	12.1	9	13.3	13.4	11.8	9	11.3	10.6	9.7	8.9	130
135					15.4	13.4	11.9		16	13.7	12		16.3	13.8	12		14.7	13.6	11.9	9	12.7	13	11.6	9	10.9	10.3	9.5	8.9	135
140					14.8	12.9	11.6		15.5	13.3	11.8		15.7	13.4	11.8		14	13.2	11.7		12	12.6	11.4	9	10.4	9.9	9.3	8.9	140
145					14.3	12.5	11.4		14.9	12.9	11.5		15.1	13	11.6		13.4	12.9	11.5		11.4	12.1	11.2		9.9	9.6	9.1	8.9	145
150					13.7	12.2	11.1		14.4	12.5	11.3		14.4	12.7	11.4		12.7	12.6	11.3		10.8	11.6	11.1		9.4	9.3	8.9	8.9	150
155					13.2	11.8	10.9		13.9	12.2	11.1		13.7	12.4	11.2		12	12.2	11.1		10.3	11.1	10.9		9	9	8.7		155
160					12.8	11.5			13.4	11.9	10.9		13	12.1	11		11.4	11.8	10.9		9.7	10.6	10.7		8.5	8.7	8.4		160
165					12.3	11.2			13	11.6	10.8		12.3	11.8	10.8		10.7	11.3	10.8		9.2	10.1	10.4		8	8.4	8.2		165
170					11.9	10.9			12.6	11.3	10.6		11.7	11.5	10.7		10.1	10.8	10.6		8.7	9.5	10		7.6	8.1	7.9		170
175					11.5	10.7			12.2	11			11	11.2	10.5		9.5	10.2	10.4		8.1	9	9.5		7.1	7.8	7.7		175
180					11.2	10.5			11.8	10.8			10.3	10.8	10.4		8.9	9.6	10		7.6	8.5	9		6.6	7.4	7.5		180
185					10.8	10.3			11.4	10.6			9.7	10.4			8.4	9.1	9.5		7.1	8	8.5		6.2	7	7.3		185
190					10.5	10.1			11	10.4			9.1	9.9			7.8	8.5	9		6.6	7.5	8		5.8	6.6	7.1		190
195					10.2				10.5	10.2			8.5	9.4			7.3	8			6.2	7	7.5		5.4	6.2	6.8		195
200					10				10	10.1			8	8.8			6.8	7.5			5.7	6.5	7		5	5.8	6.4		200
205									9.4				7.5	8.2			6.3	7			5.3	6.1			4.6	5.4	6		205
210									9				7.1	7.6			5.9	6.5			5	5.6			4.2	4.9	5.5		210
215									8.6				6.7	7.2			5.5	6			4.6	5.1			3.8	4.5	5		215
220													6.4				5.2	5.6			4.3	4.8			3.4	4.1			220
225													6.1				4.9	5.2			4	4.4			3	3.7			225
230													5.7				4.6	4.9			3.6	4				3.3			230
235													5.5				4.2				3.3	3.7				2.8			235
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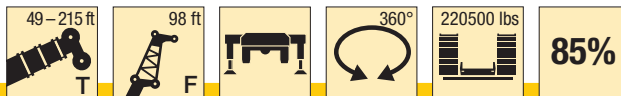
* adapter - pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TF



	49 + 8 ft*				132 + 8 ft*				149 + 8 ft*				165 + 8 ft*				182 + 8 ft*				198 + 8 ft*				215 + 8 ft*				
	98 ft				98 ft				98 ft				98 ft				98 ft				98 ft				98 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
26	27																											26	
28	27																											28	
30	27																											30	
32	27																											32	
34	27																											34	
36	26.9																											36	
38	26.4																											38	
40	25.7																											40	
42	25				27																							42	
44	24.2				27				27																				44
46	23.5				27				27																				46
48	22.9				27				26.9																				48
50	22.2				27				26.9				25																50
55	20.7				26.8				26.3				24.5				21.3												55
60	19.3 16.5				26.2				25.4				23.8				21.1												60
65	17.9 15.7				25.1				24.3				22.9				20.7			17.2									65
70	16.6 14.8				23.9				23.3				22				20.2			17					13.1				70
75	15.4 13.9				22.8 16.5				22.3				21.2				19.6			16.8					12.9				75
80	14.4 13				21.8 16.2				21.4				20.4				19			16.6					12.8				80
85	13.4 12.2 10.2				20.8 15.6				20.5 15.5				19.7				18.4			16.2					12.5				85
90	12.5 11.4 9.8				19.9 15				19.7 15				19 14.6				17.8			15.8					12.2				90
95	11.7 10.8 9.3				19 14.4				18.9 14.4				18.3 14.2				17.3 13.5			15.3					11.9				95
100	11 10.1 9				18 13.8 10.2				18.2 13.9				17.7 13.7				16.7 13.2			14.8 12.1					11.5				100
105	10.4 9.6 8.6 6				17.2 13.3 10				17.4 13.4				17.1 13.2				16.2 12.8			14.3 12					11.1				105
110	9.7 9.1 8.3 5.9				16.4 12.8 9.7				16.7 12.9 9.7				16.5 12.7 9.6				15.7 12.3			13.9 11.7					10.8 9.4				110
115	9.2 8.6 8 5.9				15.6 12.3 9.5 6.1				16 12.4 9.5				15.9 12.3 9.4				15.2 11.9 9.2			13.4 11.3					10.5 9.1				115
120	8.7 8.2 7.8 5.8				14.9 11.8 9.2 6.1				15.3 12 9.3 6.1				15.3 11.9 9.2 6				14.7 11.6 9.1			12.8 11					10.1 8.8				120
125	8.2 7.8 7.6 5.8				14.2 11.4 9 6				14.7 11.5 9.1 6				14.7 11.5 9 6				14.2 11.2 8.9			12.3 10.7					9.8 8.6				125
130	7.8 7.5 7.4				13.6 10.9 8.8 6				14.1 11.1 8.9 6				14.1 11.1 8.8 6				13.7 10.9 8.8 5.9			11.8 10.4 8.6					9.5 8.3				130
135	7.5 7.2				13 10.6 8.6				13.5 10.8 8.7 5.9				13.6 10.8 8.7 5.9				13.1 10.6 8.6 5.9			11.3 10.2 8.4 5.8					9.2 8.1 7.2				135
140					12.5 10.2 8.4				12.9 10.4 8.5 5.9				13.1 10.4 8.5 5.9				12.6 10.3 8.5 5.8			10.8 9.9 8.3 5.8					8.8 7.9 7				140
145					11.9 9.8 8.3				12.4 10.1 8.4				12.6 10.1 8.4 5.8				12.1 10 8.3 5.8			10.3 9.6 8.2 5.8					8.5 7.7 6.9				145
150					11.4 9.5 8.1				12 9.7 8.2				12.1 9.8 8.2 5.8				11.5 9.7 8.2 5.8			9.7 9.4 8.1 5.8					8.2 7.5 6.8 5.7				150
155					11 9.2 8				11.5 9.4 8.1				11.7 9.5 8.1				11 9.4 8.1 5.8			9.2 9.1 8 5.8					7.8 7.3 6.6 5.7				155
160					10.6 8.9 7.9				11.1 9.2 8				11.3 9.3 8				10.4 9.2 8			8.7 8.9 7.9 5.8					7.4 7.1 6.5 5.7				160
165					10.2 8.6 7.8				10.6 8.9 7.9				10.9 9 7.9				9.9 8.9 7.8			8.2 8.6 7.7					7 6.9 6.4 5.7				165
170					9.7 8.4 7.6				10.3 8.6 7.8				10.5 8.7 7.8				9.3 8.7 7.7			7.8 8.4 7.6					6.6 6.7 6.3 5.7				170
175					9.4 8.1 7.5				9.9 8.4 7.6				10.2 8.5 7.7				8.8 8.5 7.6			7.3 8.1 7.5					6.2 6.5 6.2				175
180					9 7.9				9.6 8.2 7.5				9.7 8.3 7.6				8.3 8.3 7.5			6.9 7.8 7.4					5.8 6.3 6.1				180
185					8.7 7.7				9.2 8 7.4				9.3 8.1 7.5				7.8 8 7.4			6.4 7.4 7.3					5.4 6.1 5.9				185
190					8.4 7.5				8.9 7.8 7.3				8.7 7.9 7.4				7.3 7.8 7.4			6 7 7.3					5 5.9 5.8				190
195					8.1 7.4				8.6 7.6				8.2 7.7 7.3				6.8 7.5 7.3			5.5 6.6 7.1					4.7 5.7 5.7				195
200					7.9 7.2				8.4 7.5				7.8 7.6 7.2				6.4 7.1 7.2			5.1 6.1 6.8					4.3 5.3 5.5				200
205					7.6 7.1				8.1 7.3				7.3 7.4				5.9 6.8 7			4.7 5.7 6.5					3.9 4.9 5.4				205
210					7.4				7.9 7.2				6.9 7.2				5.4 6.3			4.3 5.3 6					3.6 4.5 5.1				210
215					7.3				7.7 7.1				6.5 6.9				5 5.9			3.9 4.9 5.6					3.2 4.2 4.8				215
220					7.1				7.4 7				6.1 6.6				4.6 5.4			3.6 4.5 5.1					3.8 4.5				220
225									7.2				5.7 6.2				4.2 5			3.3 4.1					3.4 4.1				225
230									6.9				5.3 5.8				3.9 4.5			3.7					3.7				230
235									6.6				4.9 5.4				3.6 4.1			3.3					3.3				235
240													4.6				3.3 3.7			2.9									240
245													4.4				3 3.4												245
250													4.1				3.1												250
255													3.8																255

* adapter - pièce d'adaptateur

t_180_51505_00_000 / 51525_00_000 / 51545_00_000 / 51565_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TF

49 – 230 ft T 118 ft F 360° 220500 lbs 85%																					
ft	49 + 8 ft*				132 + 8 ft*				149 + 8 ft*				165 + 8 ft*				182 + 8 ft*				ft
	118 ft				118 ft				118 ft				118 ft				118 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
28	24.2																			28	
30	24																			30	
32	23.6																			32	
34	23.1																			34	
36	22.4																			36	
38	21.9																			38	
40	21.3																			40	
42	20.8																			42	
44	20.3				24.1															44	
46	19.8				23.9															46	
48	19.3				23.6															48	
50	18.8				23.2				21.7											50	
55	17.7				22.2				21.2				19.3							55	
60	16.6				21.3				20.4				19							60	
65	15.6				20.4				19.6				18.3				16.6			65	
70	14.5	12			19.6				18.9				17.7				16.2			70	
75	13.5	11.5			18.8				18.2				17.2				15.8			75	
80	12.6	10.9			18				17.5				16.6				15.3			80	
85	11.7	10.2			17.3				16.9				16				14.9			85	
90	10.9	9.6			16.5	11.8			16.2				15.5				14.4			90	
95	10.2	9			15.8	11.4			15.6	11.3			15				14			95	
100	9.5	8.5	6.9		15.1	11			15	10.9			14.4	10.6			13.6			100	
105	8.9	8.1	6.7		14.4	10.5			14.4	10.5			14	10.3			13.1			105	
110	8.3	7.7	6.4		13.8	10.1			13.8	10.1			13.5	9.9			12.7	9.5		110	
115	7.9	7.3	6.2		13.1	9.7	6.9		13.2	9.7			13	9.5			12.3	9.2		115	
120	7.4	6.9	6	3.4	12.5	9.3	6.9		12.7	9.4	6.7		12.5	9.2			11.9	8.9		120	
125	7	6.6	5.8	3.3	11.9	9	6.7		12.1	9	6.7		12	8.9			11.6	8.6		125	
130	6.7	6.3	5.6	3.2	11.4	8.6	6.5		11.6	8.7	6.5		11.6	8.6	6.5		11.2	8.3		130	
135	6.3	6	5.4	3.2	10.8	8.3	6.3	3.6	11.1	8.4	6.4		11.1	8.3	6.3		10.8	8.1	6.2	135	
140	6	5.7	5.3	3.2	10.3	8.1	6.2	3.6	10.7	8.1	6.2	3.6	10.7	8.1	6.2		10.4	7.9	6.1	140	
145	5.7	5.5	5.2	3.1	9.8	7.8	6.1	3.6	10.2	7.9	6.1	3.6	10.2	7.8	6.1	3.6	10	7.6	6	145	
150	5.5	5.3	5.2		9.4	7.5	5.9	3.6	9.8	7.6	6	3.6	9.9	7.6	6	3.6	9.6	7.4	5.9	3.6	150
155	5.2	5.1			9	7.3	5.8		9.3	7.4	5.8	3.6	9.5	7.4	5.9	3.6	9.3	7.3	5.8	3.6	155
160					8.6	7.1	5.7		9	7.2	5.7	3.6	9.1	7.2	5.7	3.6	8.9	7.1	5.7	3.6	160
165					8.2	6.9	5.6		8.6	7	5.6		8.8	7	5.7	3.6	8.5	6.9	5.6	3.6	165
170					7.9	6.7	5.5		8.3	6.8	5.5		8.4	6.9	5.6	3.6	8.2	6.8	5.5	3.6	170
175					7.6	6.4	5.4		7.9	6.6	5.5		8.1	6.7	5.5		7.8	6.6	5.5	3.6	175
180					7.3	6.3	5.3		7.7	6.4	5.4		7.9	6.5	5.4		7.4	6.5	5.4		180
185					7.1	6.1	5.3		7.4	6.3	5.3		7.6	6.4	5.3		7	6.3	5.3		185
190					6.8	5.9	5.2		7.2	6.1	5.3		7.3	6.2	5.3		6.6	6.2	5.3		190
195					6.6	5.7	5.2		6.9	5.9	5.2		7.1	6	5.2		6.2	6.1	5.2		195
200					6.4	5.6			6.7	5.8	5.2		6.8	5.9	5.2		5.8	5.9	5.2		200
205					6.1	5.5			6.5	5.6	5.2		6.5	5.8	5.2		5.3	5.7	5.1		205
210					5.9	5.3			6.3	5.5			6.2	5.6	5.1		5	5.5	5.1		210
215					5.8	5.2			6.1	5.4			6	5.5	5.1		4.6	5.3	5.1		215
220					5.6	5.1			5.9	5.3			5.6	5.4	5.1		4.2	5.1	5.1		220
225					5.4	5			5.7	5.2			5.3	5.3			3.8	4.8	5		225
230					5.3				5.6	5.1			4.9	5.2			3.4	4.4			230
235					5.1				5.4	5			4.5	5			3	4			235
240					5				5.3	4.9			4.2	4.8				3.6			240
245									5.2				3.8	4.5				3.2			245
250									5				3.5	4.1							250
255									4.9				3.2	3.7							255
260													2.9								260

* adapter - pièce d'adaptateur

t_180_51605_00_000 / 51625_00_000 / 51645_00_000 / 51665_00_000

▲ For reference only.
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Lifting capacities Forces de levage

TF



ft	194 + 8 ft*				198 + 8 ft*				210 + 8 ft*				215 + 8 ft*				227 + 8 ft*				230 +	ft
	118 ft				118 ft				118 ft				118 ft				118 ft				8 ft*	
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	
70	11.2				13.7																	70
75	11				13.5				9.9				9.6									75
80	10.6				13.3				9.8				9.5				6.3				5.5	80
85	10.3				13.1				9.6				9.4				6.4				5.5	85
90	10				12.8				9.4				9.3				6.4				5.5	90
95	9.6				12.5				9.2				9.2				6.4				5.5	95
100	9.3				12.2				8.8				9				6.3				5.5	100
105	8.9				11.9				8.5				8.9				6.2				5.5	105
110	8.5				11.6				8				8.8				6.1				5.4	110
115	8.1	6.9			11.3	8.5			7.6				8.5				6				5.4	115
120	7.6	6.7			10.9	8.3			7.2	6.5			8.2	6.9			5.9				5.3	120
125	7.2	6.5			10.6	8.1			6.8	6.4			8	6.8			5.7				5.3	125
130	6.7	6.3			10.2	7.8			6.4	6.2			7.7	6.6			5.6	6			5.2	130
135	6.2	6.1			9.8	7.6			6	6			7.4	6.5			5.3	5.8			5	135
140	5.8	5.9			9.4	7.5	5.9		5.6	5.9			7.2	6.3			5.1	5.7			4.8	140
145	5.4	5.7			9	7.3	5.9		5.3	5.7			6.9	6.1			4.8	5.5			4.5	145
150	4.9	5.6	4.9		8.6	7.1	5.8		4.9	5.5			6.7	5.9			4.4	5.4			4.2	150
155	4.5	5.4	4.7		8.2	7	5.7		4.5	5.3	4.7		6.4	5.8			4.1	5.1			3.8	155
160	4	5.2	4.6		7.7	6.8	5.6	3.5	4.1	5.1	4.6		6.2	5.6	5		3.7	4.9			3.5	160
165	3.5	4.9	4.5	3.5	7.3	6.7	5.5	3.5	3.7	4.9	4.5		5.9	5.5	4.8		3.2	4.6			3.1	165
170	3	4.6	4.4	3.5	6.9	6.6	5.5	3.6	3.2	4.6	4.4		5.6	5.3	4.7		2.8	4.3	4.3		2.7	170
175		4.3	4.3	3.6	6.5	6.4	5.4	3.6	2.8	4.3	4.3	3.6	5.3	5.2	4.6	3.6		4	4.2			175
180		3.9	4.2		6.1	6.3	5.3	3.6		3.9	4.2	3.6	5	5.1	4.5	3.6		3.6	4.1	3.6		180
185		3.4	4		5.7	6.1	5.3			3.5	4.1		4.7	4.9	4.4	3.6		3.2	4	3.6		185
190		3	3.9		5.3	6	5.2			3.1	3.9		4.3	4.8	4.3	3.6		2.8	3.9	3.6		190
195			3.7		4.9	5.8	5.2				3.8		4	4.6	4.3				3.6			195
200			3.4		4.5	5.6	5.1				3.5		3.6	4.4	4.2				3.3			200
205					4.1	5.3	5.1				3.1		3.3	4.2	4.1							205
210					3.8	4.9	5						4	4								210
215					3.4	4.6	4.9						3.8	4								215
220					3	4.2	4.8						3.4	3.8								220
225						3.8	4.5						3.1	3.7								225
230						3.4	4.2							3.5								230
235						3.1	3.8							3.2								235
240							3.4							2.8								240

* Adapter - adapter

t_180_51605_00_000 / 51625_00_000 / 51645_00_000 / 51665_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

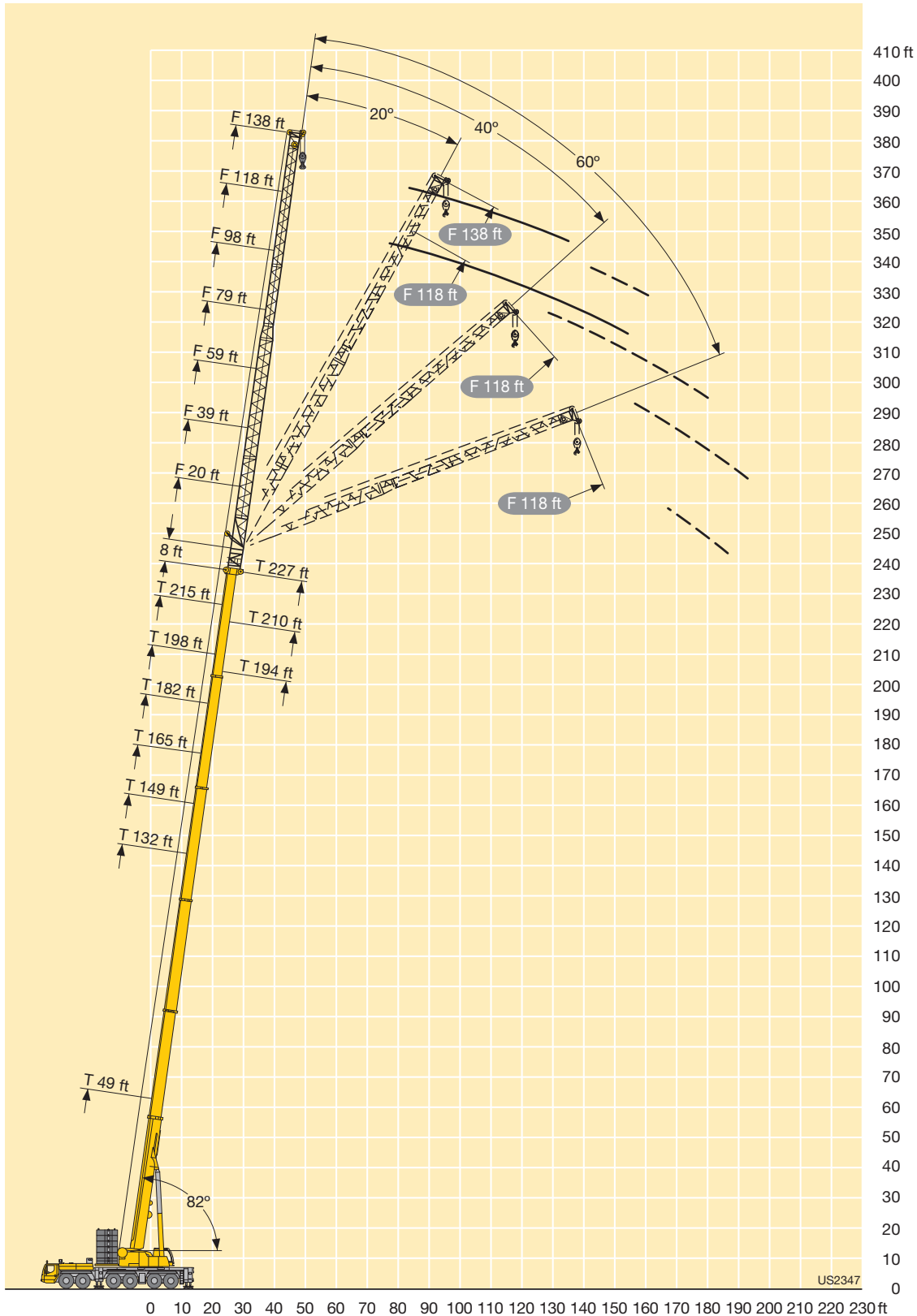
TF

		 49 – 227 ft			 138 ft						 360°			 220500 lbs			85%																										
 ft	49 + 8 ft*			132 + 8 ft*			149 + 8 ft*			165 + 8 ft*			182 + 8 ft*			194 + 8 ft*			198 + 8 ft*			210+8 ft*		215+8 ft*		227 + 8 ft*		 ft															
	138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft		138 ft		138 ft																	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	0°	20°	40°	0°	20°	0°	20°	0°	20°																	
32	18.7																										32																
34	18.6																										34																
36	18.4																										36																
38	17.9																										38																
40	17.5																										40																
42	17.1																										42																
44	16.6																										44																
46	16.2																										46																
48	15.9																										48																
50	15.5				18.5																						50																
55	14.6				17.9			16.8																			55																
60	13.8				17.2			16.4																			60																
65	13				16.4			15.7			14.6																65																
70	12.3				15.8			15.1			14.1			12.8													70																
75	11.5				15.1			14.5			13.7			12.5			8.6		10.8								75																
80	10.8				14.5			14			13.2			12.1			8.4		10.7								80																
85	10.1	8.4			13.9			13.5			12.8			11.7			8.2		10.5			7.4		7.1		3.6	85																
90	9.5	7.9			13.4			13			12.3			11.4			7.9		10.2			7.3		7		3.6	90																
95	8.9	7.5			12.9			12.5			11.9			11.1			7.6		9.9			7.1		6.9		3.5	95																
100	8.3	7.1			12.3	8.6		12.1	8.3		11.6			10.8			7.3		9.6			6.9		6.8		3.5	100																
105	7.8	6.7			11.8	8.3		11.6	8.2		11.2			10.4			7.1		9.4			6.7		6.7		3.5	105																
110	7.3	6.3			11.3	7.9		11.2	7.9		10.8	7.6		10.1			6.8		9.1			6.5		6.6		3.5	110																
115	6.9	6	4.6		10.8	7.6		10.7	7.6		10.4	7.4		9.8	6.9		6.5		8.8			6.3		6.5		3.5	115																
120	6.5	5.7	4.5		10.3	7.4		10.3	7.3		10	7.2		9.5	6.9		6.3		8.6			6		6.4		3.5	120																
125	6.1	5.4	4.3		9.8	7.1		9.9	7		9.7	6.9		9.2	6.7		6		8.3			5.7		6.2		3.4	125																
130	5.8	5.2	4		9.4	6.8		9.5	6.8		9.3	6.7		8.9	6.5		5.6		8.1	6.1		5.3		6		3.4	130																
135	5.5	4.9	3.8		9	6.6	4.8		9.1	6.6		9	6.5		8.5	6.3		5.3	4.7		7.8	5.9	5	4.5	5.8		3.3	135															
140	5.2	4.7	3.6		8.6	6.4	4.7		8.7	6.4	4.6	8.6	6.3	4.5		8.2	6.1		4.9	4.6		7.6	5.8	4.6	4.3	5.7	4.8	3.2		140													
145	4.9	4.5	3.5		8.2	6.1	4.5		8.4	6.2	4.5	8.3	6.1	4.5		7.9	5.9		4.5	4.4		7.4	5.6	4.3	4.2	5.5	4.6	3.1		145													
150	4.6	4.3	3.3		7.8	5.9	4.4		8	6	4.4	8	5.9	4.4		7.7	5.7		4	4.2		7.2	5.5	3.8	4	5.3	4.5	2.9	3.7	150													
155	4.4	4	3.2		7.5	5.7	4.3		7.7	5.8	4.3	7.7	5.7	4.3		7.5	5.6	4.2	3.5	4		6.9	5.3	3.4	3.9	5	4.3		3.6	155													
160	4.2	3.8	3.1		7.2	5.5	4.2		7.4	5.6	4.2	7.4	5.6	4.2		7.2	5.4	4.1	3.1	3.9		6.7	5.2	3	3.7	4.8	4.2		3.4	160													
165	3.9	3.6	3.1		6.9	5.4	4.1		7.1	5.4	4.1	7.2	5.4	4.1		7	5.3	4		3.7		6.3	5.1		3.5	4.6	4.1		3.3	165													
170	3.8	3.5	3		6.6	5.2	4		6.8	5.3	4	6.9	5.3	4		6.7	5.1	3.9		3.6		6	4.9	3.9		3.4	4.4	3.9		3.2	170												
175	3.6	3.4			6.3	5	3.9		6.6	5.1	3.9	6.7	5.1	3.9		6.5	5	3.9		3.4		5.7	4.8	3.8		3.2	4.2	3.8		3	175												
180					6.1	4.9	3.8		6.3	5	3.8	6.5	5	3.8		6.2	4.9	3.8		3.1		5.3	4.7	3.7		3	4	3.7			180												
185					5.9	4.8	3.7		6.1	4.8	3.7	6.2	4.8	3.7		6	4.8	3.7				5	4.6	3.6			3.8	3.6			185												
190					5.6	4.6	3.6		5.9	4.7	3.7	6	4.7	3.7		5.7	4.6	3.7				4.6	4.5	3.6			3.5	3.4			190												
195					5.4	4.5	3.6		5.7	4.6	3.6	5.8	4.6	3.6		5.5	4.5	3.6				4.3	4.4	3.5			3.2	3.3			195												
200					5.2	4.4	3.5		5.5	4.4	3.5	5.6	4.5	3.6		5.1	4.4	3.5				3.9	4.3	3.5			2.8	3.2			200												
205					5	4.2	3.5		5.3	4.3	3.5	5.4	4.4	3.5		4.8	4.3	3.5				3.6	4.2	3.4				3			205												
210					4.8	4.1	3.4		5.1	4.2	3.4	5.2	4.3	3.5		4.4	4.2	3.4				3.2	4.1	3.4				2.9			210												
215					4.6	4	3.4		4.9	4.1	3.4	5	4.2	3.4		4	4.1	3.4				2.8	4	3.4				2.7			215												
220					4.5	3.9			4.7	4	3.4	4.8	4.1	3.4		3.7	4	3.4					3.8	3.3							220												
225					4.3	3.8			4.6	3.9	3.4	4.5	4	3.3		3.3	3.9	3.3					3.5	3.3							225												
230					4.1	3.7			4.4	3.8		4.3	3.9	3.3			3.7	3.3					3.1	3.3							230												
235					4	3.6			4.3	3.7		4.1	3.8	3.3			3.6	3.3					2.8	3.2							235												
240					3.9	3.5			4.1	3.6		3.8	3.7	3.3			3.4	3.3						3.1								240											
245					3.7	3.4			4	3.6		3.4	3.6				3.1	3.3						2.9								245											
250					3.6				3.9	3.5		3.1	3.5																			250											
255					3.5				3.8	3.4		2.8	3.4																			255											
260					3.4				3.6	3.4			3.2																			260											
265									3.5				2.9																			265											
270									3.4																							270											
275									3.3																							275											

* adapter - pièce d'adaptateur

t_180_51705_00_000 / 51725_00_000 / 51745_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.



▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		132 + 20 ft*			149 + 20 ft*			165 + 20 ft*			182 + 20 ft*			198 + 20 ft*			215 + 20 ft*				
		20 ft			20 ft			20 ft			20 ft			20 ft			20 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
32	127.3																			32	
34	127.3				122.1			104.3												34	
36	127.3				121.4			106.4												36	
38	127.3	83.5			120.6	84		110.5			93.7									38	
40	127.1	82.9			119.6	83.5		110.1			97									40	
45	122	80.6	62.8		116.2	82.1	63.4	108.1	82.6	63.6	96	82.5		83.2						45	
50	115.4	78.2	61.9		111.2	80	62.4	104.3	81	62.7	94	81.6	63	81.8	78.9		69.8			50	
55	109.5	75.9	61		103.3	77.8	61.6	99.9	78.9	61.9	91.2	79.9	62.2	80.5	77.7	63.2	68.6	68.8		55	
60	102.9	73.8	60.2		96.3	75.8	60.8	94.8	77	61.2	88	78.1	61.5	78.3	76.9	62.5	67.5	67.8	62.1	60	
65	96.5	71.9	59.6		90.3	73.9	60.1	89	75.2	60.5	83.1	76.4	60.8	76	75.3	61.9	66.4	66.7	61.5	65	
70	90.4	70.1	58.9		84.9	72.1	59.5	83.9	73.5	59.9	78.2	74.3	60.2	73	72.8	61.3	64.9	65.3	61	70	
75	84.6	68.4	58.3		79.9	70.5	58.9	79.3	71.9	59.3	73.8	72.1	59.7	68.9	69.9	60.8	63	63.5	60.4	75	
80	79.2	66.9	57.9		74.9	69	58.4	75.1	70.2	58.8	69.9	69.9	59.2	65.1	66	60.3	60.6	61.2	59.9	80	
85	73.7	65.5	57.5		70.5	67.5	58	71	68.3	58.3	66.3	66.4	58.7	61.8	62.5	59.8	57.4	57.9	58.2	85	
90	68	64.2	57.2		66.4	66.1	57.6	67.1	66.6	57.9	62.8	63.1	58.3	58.6	59.5	58.9	54.5	54.8	55.3	90	
95	62.8	62.7	57		62.2	63.5	57.2	63.5	64	57.6	59.3	60	57.6	55.7	56.6	56.6	51.7	52.1	52.5	95	
100	58.1	59.7	56.8		57.8	59.5	57	60.1	60.7	57.1	56.2	56.8	56.5	52.7	53.8	54.2	49.1	49.5	49.9	100	
105	53.9	55.4	55.8		53.6	55.1	55.7	56.5	57.6	56.6	53.3	53.9	54.4	49.9	51.1	51.6	46.5	47.1	47.5	105	
110	50	51.4			49.7	51.2	52	52.9	54.1	54.9	50.5	51.1	51.6	47.2	48.4	49	43.9	44.7	45.3	110	
115	46.6	47.8			46.1	47.6	48.3	49.5	50.6	51.3	47.6	48.5	49.1	44.8	45.9	46.5	41.6	42.3	43	115	
120	43.1	44.4			42.7	44.2	44.8	46.3	47.3	47.9	44.7	45.9	46.5	42.5	43.6	44.1	39.4	40.1	40.7	120	
125	40.1	41.2			39.6	41		43.3	44.2	44.8	42	43.1	43.9	40.3	41.4	41.9	37.3	38	38.6	125	
130	37.2	38.3			36.8	38		40.5	41.4	41.9	39.3	40.4	41.2	37.8	39.2	39.9	35.4	36	36.6	130	
135	34.2	35.4			34	35.2		37.8	38.7	39.2	36.8	37.8	38.4	35.5	36.8	37.6	33.4	34.2	34.7	135	
140	31.7	32.6			31.4	32.6		35.4	36.2		34.4	35.2	35.8	33.2	34.6	35.3	31.4	32.3	32.9	140	
145	28.1				29.1	30		33	33.8		31.9	32.9	33.4	31	32.4	33	29.3	30.3	31	145	
150	23.8				26.8	27.7		30.8	31.6		29.8	30.6		28.9	30.2	30.7	27.3	28.3	29	150	
155	18.6				24.7			28.6	29.4		27.6	28.5		26.8	28	28.5	25.4	26.4	27	155	
160	11.9				21.6			26.7	27.3		25.7	26.4		25	26		23.7	24.6	25.2	160	
165					18			24.9	25.4		23.9	24.6		23.2	24.2		22	22.8	23.3	165	
170					13.8			23	23.6		22.2	22.7		21.4	22.4		20.3	21.1		170	
175					8.5			20.2	21.2		20.5	21.1		19.8	20.7		18.8	19.5		175	
180								17.1			19	19.5		18.3	19.2		17.1	17.9		180	
185								13.6			17.3	18		16.9	17.7		15.8	16.4		185	
190								9.3			14.9			15.5	16.2		14.4	15		190	
195											12.3			14.2	14.9		13.1	13.6		195	
200											9.4			12.6	13.5		11.8	12.4		200	
205											6			10.5			10.6	11.1		205	
210														8.4			9.5	9.9		210	
215														5.9			8	8.7		215	
220																	6.1			220	

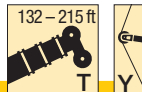
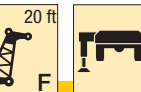
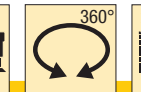
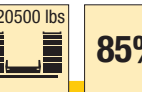
* adapter · pièce d'adaptateur

t_180_61101_00_000 / 61121_00_000 / 61141_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 11.5 ft Y				 20 ft V				 20 ft E				 20 ft F				 360°				 220500 lbs				 85%					
 ft	132 + 20 ft*				149 + 20 ft*				165 + 20 ft*				182 + 20 ft*				198 + 20 ft*				215 + 20 ft*				 ft										
	20 ft				20 ft				20 ft				20 ft				20 ft				20 ft														
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°							
28	127.3																												28						
30	127.3					121.5																							30						
32	127.3					122.1																							32						
34	127.3	84.6				122.1				106.5																			34						
36	127.3	84.1				121.4	84.4			110.3																			36						
38	127.3	83.5	64.4			120.6	84			110.5				96.5															38						
40	127.1	82.9	63.9			119.6	83.5			110.1				97															40						
45	122	80.6	62.8	56		116.2	82.1	63.4	56	108.1	82.6	63.6		96	82.5			83.2											45						
50	115.4	78.2	61.9	55.9		111.2	80	62.4	55.9	104.3	81	62.7	55.8	94	81.6	63		81.8	78.9						69.8				50						
55	109.5	75.9	61	55.7		103.3	77.8	61.6	55.7	99.9	78.9	61.9	55.6	91.2	79.9	62.2	55.6	80.5	77.7	63.2					68.6	68.8			55						
60	100.8	73.8	60.2	55.4		96.1	75.8	60.8	55.6	94.8	77	61.2	55.6	88	78.1	61.5	55.5	78.3	76.9	62.5	56.2				67.5	67.8	62.1		60						
65	91.4	71.9	59.6			88.2	73.9	60.1	55.3	88.9	75.2	60.5	55.4	83.1	76.4	60.8	55.4	76	75.3	61.9	56.2				66.4	66.7	61.5	56.1	65						
70	83	70.1	58.9			80.1	72.1	59.5		81.6	73.5	59.9	55.1	77.8	74.3	60.2	55.2	73	72.8	61.3	56.2				64.9	65.3	61	56.1	70						
75	75.6	68.4	58.3			73	70.4	58.9		74.8	71.2	59.3		71.6	72.1	59.7	54.9	68.2	69.9	60.8	56.2				63	63.5	60.4	56.1	75						
80	69.1	66.9	57.9			66.7	68.8	58.4		68.8	69.6	58.8		65.8	67.8	59.2	54.7	62.9	65.3	60.3	56.2				59.7	61.2	59.9	56.1	80						
85	63.2	64.7	57.5			61.2	63.5	58		63.5	65.1	58.3		60.7	62.6	58.4	54.6	58	60.3	59.5	56.2				55.1	57.2	58.2	56.1	85						
90	58	60.1	57.2			56.2	58.4	57.4		58.6	60.4	57.8		56	57.8	58		53.6	55.8	57.3	56.2				50.9	52.8	54.4	55.6	90						
95	53	54.9	55.3			51.6	53.7	55.1		54.2	55.9	56.2		51.7	53.4	54.7		49.4	51.6	53.1					46.9	48.7	50.2	51.3	95						
100	48.5	50.2	51.2			47.4	49.4	50.6		50.1	51.7	53		47.9	49.4	50.8		45.6	47.6	49.1					43.2	44.9	46.4		100						
105	44.3	46	46.8			43.5	45.4	46.5		46.5	47.9	49.1		44.3	45.7	47		42.1	44.1	45.3					39.9	41.5	42.8		105						
110	40.4	42				40	41.7	42.6		43	44.4	45.4		40.9	42.3	43.4		38.9	40.8	42					36.7	38.3	39.5		110						
115	37.1	38.4				36.6	38.2	38.9		39.9	41.1	42.1		37.8	39.2	40.2		36	37.7	38.9					33.9	35.3	36.5		115						
120	33.8	35.2				33.4	34.9	35.6		37	38.2	39		35	36.2	37.2		33.3	34.9	36					31.3	32.7	33.7		120						
125	30.9	32				30.6	31.8			34.2	35.3	36		32.4	33.6	34.5		30.7	32.3	33.2					28.8	30.1	31.1		125						
130	28.2	29.3				27.9	29.1			31.6	32.6	33.1		30	31.1	31.9		28.4	29.9	30.8					26.6	27.8	28.7		130						
135	25.7	26.7				25.4	26.5			29.1	30	30.5		27.7	28.8	29.5		26.2	27.6	28.4					24.4	25.6	26.4		135						
140	23.4	24.2				23.1	24.2			26.9	27.7			25.6	26.6	27.3		24.2	25.5	26.3					22.4	23.6	24.3		140						
145	21.3					21	21.9			24.7	25.5			23.7	24.6	25.1		22.2	23.6	24.2					20.6	21.6	22.3		145						
150	19.2					19	19.9			22.8	23.4			21.8	22.6			20.4	21.7	22.3					18.8	19.8	20.5		150						
155	17.3					17.1				20.9	21.5			19.9	20.7			18.8	19.9	20.5					17.2	18.1	18.7		155						
160	11.9					15.4				19.1	19.8			18.2	18.9			17.2	18.3						15.6	16.5	17.1		160						
165						13.8				17.5	18			16.6	17.3			15.7	16.8						14.1	15	15.5		165						
170						12.2				16	16.5			15.1	15.6			14.3	15.2						12.8	13.5			170						
175						8.5				14.5	15			13.6	14.2			12.9	13.8						11.5	12.2			175						
180										13.2				12.3	12.7			11.5	12.4						10.2	10.9			180						
185										11.9				11	11.4			10.3	11						9	9.7			185						
190										9.2				9.8				9.1	9.8						7.8	8.5			190						
195														8.6				8	8.6						6.7	7.3			195						
200														7.6				6.9	7.5						5.6	6.2			200						
205														5.8				5.7							4.5	5			205						
210																		4.6							3.4	3.9			210						
215																		3.6								2.7			215						

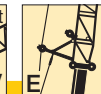
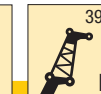
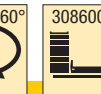
* adapter · pièce d'adaptateur

t_180_61105_00_000 / 61125_00_000 / 61145_00_000 / 61165_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 Y				 11.5 ft V				 E				 39 ft F				 360°				 308600 lbs				 85%																			
 ft	132 + 20 ft*								149 + 20 ft*								165 + 20 ft*								182 + 20 ft*								198 + 20 ft*								215 + 20 ft*								 ft
	39 ft								39 ft								39 ft								39 ft								39 ft								39 ft								
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°																	
36	85.5								87																								36																
38	83.4								85																								38																
40	81.4								83.1								82.6																40																
45	76.7								78.7								79																45																
50	72.7	46.4							74.7	47.2							75.3								71.2								50																
55	68.8	44.8							71.1	45.6							71.9	46.1							69.5					62.1			55																
60	65.5	43.3	33.4	25.1					67.8	44.2	33.7						68.9	44.8							68.2					61.2			60																
65	62.2	42	32.8	24.9					64.9	42.9	33.1	24.9					66	43.5	33.2						66.2	44.5				60.2	43.9		65																
70	59.1	40.7	32.3	24.7					62.1	41.7	32.5	24.7					63.4	42.3	32.7	24.7					64	43.4	33.2			59.2	43		70																
75	56.3	39.5	31.8	24.4					59.4	40.6	32.1	24.5					61.1	41.2	32.2	24.5					62	42.6	33	24.6	61.9	42.4	32.8	24.4	58.1	42.1	32.7	75													
80	53.7	38.4	31.3	24.3					56.9	39.5	31.6	24.3					58.7	40.1	31.8	24.4					59.9	41.6	32.6	24.4	59.9	41.4	32.4	24.3	56.4	41.2	32.3	25.4	80												
85	51.4	37.4	30.9						54.4	38.5	31.2	24.2					56.5	39.2	31.4	24.2					57.8	40.6	32.1	24.2	57.3	40.5	32	24.1	54.5	40.3	31.9	25.2	85												
90	49.3	36.4	30.5						52.1	37.5	30.8						54.4	38.3	31	24.1					55	39.7	31.7	24	55	39.7	31.7	24	51.9	39.5	31.6	25.1	90												
95	47.2	35.5	30.1						50.2	36.6	30.4						52.4	37.4	30.6						53.7	38.8	31.4	24	53.4	38.9	31.3	23.9	49.3	38.8	31.3	25	95												
100	45.3	34.7	29.8						48.4	35.8	30.1						50.5	36.6	30.3						51.8	38	31.1		51.1	38.2	31	23.8	46.9	38	31	24.9	100												
105	43.7	34	29.5						46.5	35	29.9						48.8	35.8	30						49.8	37.3	30.8		48.7	37.4	30.7	23.8	44.7	37.3	30.7	24.8	105												
110	42.1	33.3	29.3						44.8	34.3	29.6						47.1	35.1	29.7						48.1	36.5	30.5		46.2	36.7	30.5	23.7	42.5	36.7	30.4	24.8	110												
115	40.6	32.6	29.2						43.4	33.7	29.4						45.3	34.4	29.5						46.3	35.8	30.2		43.9	36.1	30.2		40.3	36.1	30.2	24.7	115												
120	39.3	32	29						41.9	33	29.2						43.4	33.8	29.3						44.2	35.2	30		41.7	35.4	30		38.2	35.5	30		120												
125	38.1	31.5	28.8						40.5	32.4	29						42.1	33.2	29.1						41.9	34.6	29.7		39.6	34.8	29.8		36.2	35	29.8		125												
130	36.9	31							38.6	31.9	28.9						40.8	32.7	28.9						39.5	34	29.6		37.7	34.3	29.6		34.4	34.4	29.6		130												
135	35.6	30.6							36.3	31.4	28.7						39	32.2	28.8						37.2	33.5	29.4		35.8	33.8	29.4		32.6	33.5	29.4		135												
140	33.9	30.2							33.8	30.9							36.6	31.7	28.7						35	33	29.2		33.7	33	29.3		31	32.2	29.2		140												
145	31.9	29.8							31.3	30.5							34.4	31.1	28.6						32.9	32.3	29.1		31.7	32.4	29.1		29.3	30.5	29.1		145												
150	29.6	29.5							29.1	29.6							32.3	30.6	28.5						30.9	31.7	29.1		29.7	31.3	29		27.5	29	29		150												
155	27.5	28.4							26.9	28.5							30.2	30.2							28.9	31	29		27.8	29.6	28.9		25.8	27.5	28.2		155												
160	25.1	26.7							25.1	26.5							28.1	29							27	28.9	28.9		26.1	27.8	28.3		24	25.8	27		160												
165	21.7								23.2	24.5							26.3	27.5							25.2	26.9	27.8		24.4	26	27.2		22.4	24.1	25.4		165												
170	18								21.5	22.6							24.6	25.9							23.4	25.2			22.8	24.3	25.3		20.9	22.5	23.7		170												
175	13.6								19.2								23	24.1							21.9	23.4			21.3	22.7	23.6		19.4	21	22.1		175												
180	7.8								16.4								21.4	22.5							20.3	21.8			19.7	21.1			18.1	19.5	20.5		180												
185									13.3								19.9	20.9							18.9	20.3			18.3	19.6			16.8	18.2	19.1		185												
190									9.6								17.8	19.3							17.5	18.8			16.9	18.1			15.5	16.8			190												
195									5.3								15.4								16.2	17.4			15.6	16.8			14.1	15.5			195												
200																	12.7								14.9	16			14.4	15.4			13	14.2			200												
205																	9.6								13	14.7			13.1	14.2			11.7	12.9			205												
210																	6.2								10.9				12.1	12.9			10.6	11.8			210												
215																									8.6				10.9	11.8			9.6	10.6			215												
220																									6.2				9.2	10.6			8.5	9.5			220												
225																													7.3					7.4	8.4		225												
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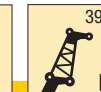
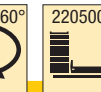
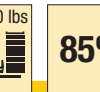
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 Y				 11.5 ft V				 E				 39 ft F								 360°				 220500 lbs				 85%															
 ft	132 + 20 ft*								149 + 20 ft*								165 + 20 ft*								182 + 20 ft*								198 + 20 ft*								215 + 20 ft*								 ft
	39 ft								39 ft								39 ft								39 ft								39 ft								39 ft								
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°																	
32																																	32																
34																																	34																
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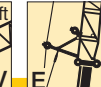
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 11.5 ft Y				 59 ft V				 360° E				 308600 lbs F				 85%					
 ft	132 + 20 ft*				149 + 20 ft*				165 + 20 ft*				182 + 20 ft*				198 + 20 ft*				215 + 20 ft*				 ft		
	59 ft				59 ft				59 ft				59 ft				59 ft				59 ft						
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°			
36	63.5																								36		
38	61.9				62.6																				38		
40	60.4				61.2																				40		
45	56.8				57.8								57.2												45		
50	53.6				54.8								55.1					53							50		
55	50.9	32.6			52.1								52.7					51.6				50.2			55		
60	48.2	31.4			49.7	32							50.5					49.7				48.6			60		
65	46.1	30.3			47.3	30.9							48.4	31.4				47.8				47			65		
70	43.9	29.3	22.1		45.4	29.9							46.6	30.5				46	30.9			45.5			70		
75	41.9	28.3	21.6		43.4	29	21.8						44.8	29.6				44.4	30.1			44	30		75		
80	39.9	27.4	21.1	14.2	41.6	28.1	21.3	14.2					43.1	28.8	21.5			42.9	29.4			42.6	29.3		80		
85	38.1	26.6	20.6	14.1	39.9	27.3	20.8	14.1					41.7	28.1	21.1			41.4	28.6	21.7		41.4	28.6		85		
90	36.3	25.8	20.2	13.9	38.3	26.5	20.4	14					40.2	27.4	20.7	13.9		40.2	28	21.4		40.2	28	21.3	90		
95	34.8	25.1	19.7	13.8	36.7	25.8	20	13.8					38.7	26.7	20.3	13.8		38.9	27.3	21.1	14.4	39	27.4	21.1	95		
100	33.4	24.4	19.4	13.7	35.3	25.1	19.7	13.7					37.5	26.1	20	13.7		37.7	26.7	20.8	14.3	38	26.8	20.8	14.2	100	
105	32	23.8	19		34	24.5	19.3	13.6					36.4	25.5	19.7	13.6		36.6	26.1	20.5	14.2	36.9	26.3	20.5	14.2	105	
110	30.6	23.2	18.7		32.7	23.9	19						35.2	24.9	19.4	13.5		35.5	25.6	20.2	14.1	35.9	25.7	20.2	14.1	110	
115	29.5	22.6	18.4		31.4	23.3	18.7						34.1	24.3	19.1	13.4		34.5	25	19.9	14	35	25.2	20	14	115	
120	28.4	22.1	18.1		30.2	22.8	18.4						33.1	23.8	18.8			33.5	24.5	19.7	14	34.1	24.8	19.7	14	120	
125	27.4	21.6	17.9		29.2	22.3	18.1						32.1	23.3	18.5			32.6	24.1	19.4		33.2	24.3	19.5	13.9	125	
130	26.5	21.1	17.7		28.2	21.8	17.9						31	22.8	18.3			31.7	23.6	19.2		32.4	23.9	19.3	13.9	130	
135	25.6	20.6	17.5		27.3	21.4	17.7						30	22.4	18.1			30.8	23.2	19		31.6	23.5	19.1	13.8	135	
140	24.8	20.2	17.3		26.4	20.9	17.5						29.2	22	17.9			30	22.8	18.8		30.4	23.1	18.9		140	
145	24	19.7	17.1		25.6	20.5	17.3						28.3	21.6	17.7			29.1	22.4	18.6		29.2	22.7	18.7		145	
150	23.2	19.4			24.9	20.1	17.2						27.5	21.2	17.5			27.9	22	18.4		27.8	22.3	18.5		150	
155	22.5	19			24.2	19.7	17.1						26.5	20.8	17.4			27.1	21.7	18.2		26.3	22	18.3		155	
160	21.8	18.6			23.4	19.3							25.7	20.4	17.2			26.3	21.3	18.1		24.7	21.6	18.2		160	
165	21.1	18.4			22.8	19							25	20	17.1			24.8	21	17.9		23.1	21.3	18		165	
170	20.4	18.1			22.1	18.6							24.4	19.7	17			23.3	20.7	17.8		21.6	21	17.9		170	
175	19.7	17.9			21.1	18.4							23.2	19.4	16.9			21.8	20.4	17.7		20.2	20.7	17.8		175	
180	19				20.2	18.1							21.7	19.1				20.5	20.1	17.6		18.9	20.3	17.7		180	
185	16.9				18.8	17.9							20.2	18.7				19.2	19.8	17.5		17.6	19.7	17.6		185	
190	13.6				17.2	17.6							18.9	18.4				17.9	19.4	17.5		16.4	18.4	17.5		190	
195	9.7				14.9								17.6	18.2				16.6	18.8	17.4		15.2	17.2	17.4		195	
200					12.4								17.5	17.6				15.4	17.5			14.2	16	17.2		200	
205					9.7								15.9	17.1				14.3	16.2			13.1	14.8	16		205	
210					6.6								14	13.5				13.1	15			12	13.7			210	
215													11.8					12.1	13.8			11	12.6			215	
220													9.4					11.1	12.7			9.9	11.5			220	
225													6.8					9.8	11.8			8.9	10.4			225	
230													3.6					9	10.5			8	9.4			230	
235																		7.7	9.5			7.1	8.4			235	
240																		6.2	8.3			6.1	7.4			240	
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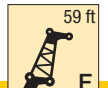
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 11.5 ft Y				 59 ft V				 360° E				 220500 lbs F				 85%			
 ft	132 + 20 ft*				149 + 20 ft*				165 + 20 ft*				182 + 20 ft*				198 + 20 ft*				215 + 20 ft*				 ft
	59 ft				59 ft				59 ft				59 ft				59 ft				59 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
34	64.9																								34
36	63.5																								36
38	61.9				62.6																				38
40	60.4				61.2																				40
45	56.8				57.8				57.8				57.2												45
50	53.6				54.8				55				55.1				53								50
55	50.9	32.6			52.1				52.5				52.7				51.6				50.2				55
60	48.2	31.4			49.7	32			50.2	32.1			50.5				49.7				48.6				60
65	46.1	30.3			47.3	30.9			48	31.1			48.4	31.4			47.8				47				65
70	43.9	29.3	22.1		45.4	29.9			46	30.2			46.6	30.5			46	30.9			45.5				70
75	41.9	28.3	21.6		43.4	29	21.8		44.2	29.3	21.8		44.8	29.6			44.4	30.1			44	30			75
80	39.9	27.4	21.1	14.2	41.6	28.1	21.3	14.2	42.5	28.5	21.4		43.1	28.8	21.5		42.9	29.4			42.6	29.3			80
85	38.1	26.6	20.6	14.1	39.9	27.3	20.8	14.1	40.9	27.7	21	14	41.7	28.1	21.1		41.4	28.6	21.7		41.4	28.6			85
90	36.3	25.8	20.2	13.9	38.3	26.5	20.4	14	39.3	26.9	20.5	13.9	40.2	27.4	20.7	13.9	40.2	28	21.4		40.2	28	21.3		90
95	34.8	25.1	19.7	13.8	36.7	25.8	20	13.8	38	26.2	20.2	13.8	38.7	26.7	20.3	13.8	38.9	27.3	21.1	14.4	39	27.4	21.1		95
100	33.4	24.4	19.4	13.7	35.3	25.1	19.7	13.7	36.7	25.6	19.8	13.7	37.5	26.1	20	13.7	37.7	26.7	20.8	14.3	38	26.8	20.8	14.2	100
105	32	23.8	19		34	24.5	19.3	13.6	35.4	25	19.5	13.6	36.4	25.5	19.7	13.6	36.6	26.1	20.5	14.2	36.9	26.3	20.5	14.2	105
110	30.6	23.2	18.7		32.7	23.9	19		34.2	24.4	19.2	13.5	35.2	24.9	19.4	13.5	35.5	25.6	20.2	14.1	35.6	25.7	20.2	14.1	110
115	29.5	22.6	18.4		31.4	23.3	18.7		33	23.8	18.9		33.9	24.3	19.1	13.4	34	25	19.9	14	33.7	25.2	20	14	115
120	28.4	22.1	18.1		30.2	22.8	18.4		31.8	23.3	18.6		32.8	23.8	18.8		33	24.5	19.7	14	31.6	24.8	19.7	14	120
125	27.4	21.6	17.9		29.2	22.3	18.1		30.6	22.8	18.4		31.5	23.3	18.5		31.1	24.1	19.4		29.3	24.3	19.5	13.9	125
130	26.5	21.1	17.7		28.2	21.8	17.9		29.3	22.4	18.1		30.3	22.8	18.3		29.1	23.6	19.2		27.2	23.9	19.3	13.9	130
135	25.6	20.6	17.5		27.3	21.4	17.7		28.4	21.9	17.9		28.7	22.4	18.1		27	23.2	19		25.2	23.5	19.1	13.8	135
140	24.8	20.2	17.3		26.2	20.9	17.5		27.5	21.5	17.7		26.9	22	17.9		25.1	22.8	18.8		23.4	23.1	18.9		140
145	24	19.7	17.1		24.9	20.5	17.3		26.5	21.1	17.5		25	21.6	17.7		23.3	22.4	18.6		21.6	22.7	18.7		145
150	23	19.4			23	20.1	17.2		25.1	20.7	17.4		23.3	21.2	17.5		21.7	22	18.4		20	22.3	18.5		150
155	21.7	19			21.3	19.7	17.1		23.4	20.2	17.2		21.7	20.7	17.4		20.1	21.7	18.2		18.4	21.2	18.3		155
160	20.3	18.6			19.5	19.3			21.8	19.8	17.1		20.1	20.3	17.2		18.5	21.3	18.1		16.9	19.6	18.2		160
165	18.6	18.4			17.9	18.7			20.4	19.4	17		18.6	19.9	17.1		17.1	19.9	17.9		15.6	18.2	18		165
170	17.1	17.9			16.4	18			18.9	19.1			17.3	19.2	17		15.8	18.5	17.8		14.3	16.7	17.9		170
175	15.6	17			14.9	16.8			17.5	18.5			16	18	16.9		14.5	17.1	17.7		13	15.4	16.9		175
180	14.3				13.5	15.2			16.1	17.5			14.8	16.7			13.3	15.8	17		11.8	14.1	15.8		180
185	13				12.3	13.8			14.8	16.4			13.6	15.4			12.2	14.5	15.9		10.7	12.8	14.4		185
190	11.7				11	12.4			13.6	15.1			12.5	14.2			11.1	13.3	14.6		9.6	11.7	13.1		190
195	9.6				9.9				12.4	13.8			11.3	12.9			10	12.2	13.4		8.6	10.5	11.9		195
200					8.8				11.4	12.6			10.3	11.7			9.1	11.1			7.7	9.5	10.7		200
205					7.8				10.3	11.4			9.2	10.6			8.2	10			6.7	8.5	9.6		205
210					6.5				9.3	7.8			8.3	9.5			7.2	9			5.8	7.5			210
215									8.4				7.4	8.4			6.4	8.1			4.9	6.6			215
220									7.6				6.6	7.6			5.5	7.1			4	5.6			220
225									6.7				5.7	6.7			4.6	6.2			3.1	4.7			225
230									3.6				4.8				3.7	5.2				3.8			230
235													3.9				2.7	4.3				2.8			235
240													3					3.2							240

* adapter · pièce d'adaptateur

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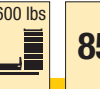
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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 Y				 11.5 ft V				 E				 79 ft F								 360°				 308600 lbs				 85%															
 ft	132 + 20 ft*								149 + 20 ft*								165 + 20 ft*								182 + 20 ft*								198 + 20 ft*								215 + 20 ft*								 ft
	79 ft								79 ft								79 ft								79 ft								79 ft								79 ft								
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°																	
40	47.4																																40																
45	44.9				45.3				44.6																								45																
50	42.5				43.1				43					42.5																			50																
55	40.4				41				41.1					41																			55																
60	38.4				39.1				39.3					39.4																			60																
65	36.5	24			37.4				37.6					37.8																			65																
70	34.8	23.1			35.6	23.5			36.1					36.4																			70																
75	33.3	22.2			34.1	22.6			34.6	22.8				35	22.9																		75																
80	31.8	21.5			32.8	21.9			33.2	22.1				33.7	22.4																		80																
85	30.3	20.8	14.9		31.4	21.2			32	21.4				32.4	21.7																		85																
90	29.1	20.1	14.5		30.1	20.5	14.6		30.8	20.8				31.3	21.1																		90																
95	27.8	19.4	14.1		29	19.9	14.3		29.6	20.2	14.3			30.3	20.5	14.4																	95																
100	26.6	18.8	13.8	8.9	28	19.3	14	8.9	28.6	19.6	14			29.2	20	14.1																	100																
105	25.5	18.1	13.5	8.8	26.9	18.7	13.7	8.8	27.6	19.1	13.8	8.8		28.2	19.4	13.9																	105																
110	24.5	17.6	13.2	8.7	25.9	18.1	13.4	8.7	26.7	18.5	13.5	8.7		27.3	18.9	13.6	8.7																110																
115	23.4	17	12.9	8.6	24.9	17.6	13.1	8.6	25.8	18	13.2	8.6		26.5	18.4	13.3	8.6																115																
120	22.4	16.5	12.7	8.5	24	17.1	12.9	8.5	24.9	17.5	13	8.5		25.6	17.9	13.1	8.5																120																
125	21.6	16	12.4		23	16.6	12.6	8.5	24.1	17	12.8	8.5		24.9	17.4	12.9	8.5																125																
130	20.8	15.5	12.2		22.1	16.1	12.4		23.3	16.6	12.6	8.4		24.1	17	12.7	8.4																130																
135	20	15.1	12		21.3	15.7	12.2		22.4	16.1	12.4			23.4	16.5	12.5	8.4																135																
140	19.2	14.7	11.8		20.6	15.3	12		21.7	15.7	12.2			22.6	16.1	12.3																	140																
145	18.5	14.3	11.6		19.8	14.9	11.8		20.9	15.3	12			21.9	15.7	12.1																	145																
150	17.8	14	11.5		19.1	14.5	11.7		20.2	14.9	11.8			21.2	15.4	12																	150																
155	17.1	13.6	11.3		18.4	14.2	11.5		19.5	14.6	11.7			20.6	15	11.8																	155																
160	16.4	13.3	11.2		17.8	13.8	11.4		18.8	14.3	11.5			19.9	14.7	11.7																	160																
165	15.8	13	11.1		17.2	13.5	11.3		18.3	14	11.4			19.3	14.4	11.5																	165																
170	15.3	12.8			16.6	13.3	11.1		17.7	13.7	11.3			18.6	14.1	11.4																	170																
175	14.7	12.5			16	13	11.1		17.1	13.4	11.2			18.1	13.8	11.3																	175																
180	14.2	12.2			15.5	12.7			16.6	13.1	11.1			17.6	13.5	11.2																	180																
185	13.7	12			14.9	12.5			16	12.9	11			17	13.3	11.1																	185																
190	13.2	11.9			14.5	12.3			15.5	12.7				16.4	13	11																	190																
195	12.8	11.7			14	12.1			15.1	12.5				15.9	12.8	10.9																	195																
200	12.4				13.6	11.9			14.6	12.2				15.4	12.6																		200																
205	12				13.1	11.7			14.1	12				15	12.4																		205																
210	9.8				12.3	11.6			13.6	11.9				14.6	12.2																		210																
215	6.7				11.2				13.3	11.7				13.8	12																		215																
220					9				12.9	11.6				12.9	11.8																		220																
225					6.7				11.9	11.5				12	11.7																		225																
230					3.9				10.6	9.6				11	11.6																		230																
235									8.6					9.9	11.4																		235																
240									6.7					8.5	10.5																		240																
245									4.3					6.9	9.3																		245																
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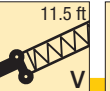
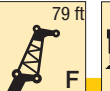
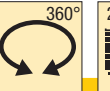
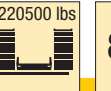
* adapter · pièce d'adaptateur

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▲ For reference only.
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Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft								 11.5 ft								 79 ft																															
	132 + 20 ft*								149 + 20 ft*								165 + 20 ft*								182 + 20 ft*								198 + 20 ft*								215 + 20 ft*								
	79 ft								79 ft								79 ft								79 ft								79 ft								79 ft								
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°																	
38	48.5																															38																	
40	47.4																															40																	
45	44.9								45.3								44.6															45																	
50	42.5								43.1								43					42.5										50																	
55	40.4								41								41.1					41					40.2					55																	
60	38.4								39.1								39.3					39.4					38.6			36.7		60																	
65	36.5 24								37.4								37.6					37.8					37.2			35.8		65																	
70	34.8 23.1								35.6 23.5								36.1					36.4					35.8			34.5		70																	
75	33.3 22.2								34.1 22.6								34.6 22.8					35 22.9					34.5			33.4		75																	
80	31.8 21.5								32.8 21.9								33.2 22.1					33.7 22.4					33.4 22.2			32.3		80																	
85	30.3 20.8 14.9								31.4 21.2								32 21.4					32.4 21.7					32.2 21.7			31.3 21.3		85																	
90	29.1 20.1 14.5								30.1 20.5 14.6								30.8 20.8					31.3 21.1					31.1 21.1			30.4 20.8		90																	
95	27.8 19.4 14.1								29 19.9 14.3								29.6 20.2 14.3					30.3 20.5 14.4					30.2 20.6			29.5 20.3		95																	
100	26.6 18.8 13.8 8.9								28 19.3 14 8.9								28.6 19.6 14					29.2 20 14.1					29.3 20 14.1			28.6 19.8		100																	
105	25.5 18.1 13.5 8.8								26.9 18.7 13.7 8.8								27.6 19.1 13.8 8.8					28.2 19.4 13.9					28.4 19.5 13.8			27.8 19.3 13.7		105																	
110	24.5 17.6 13.2 8.7								25.9 18.1 13.4 8.7								26.7 18.5 13.5 8.7					27.3 18.9 13.6 8.7					27.5 19 13.6 8.6			27.1 18.8 13.5		110																	
115	23.4 17 12.9 8.6								24.9 17.6 13.1 8.6								25.8 18 13.2 8.6					26.5 18.4 13.3 8.6					26.7 18.5 13.4 8.6			26.3 18.4 13.2 8.5		115																	
120	22.4 16.5 12.7 8.5								24 17.1 12.9 8.5								24.9 17.5 13 8.5					25.6 17.9 13.1 8.5					25.9 18 13.2 8.5			25.6 17.9 13 8.4		120																	
125	21.6 16 12.4								23 16.6 12.6 8.5								24.1 17 12.8 8.5					24.9 17.4 12.9 8.5					25.1 17.6 12.9 8.4			24.9 17.5 12.9 8.4		125																	
130	20.8 15.5 12.2								22.1 16.1 12.4								23.3 16.6 12.6 8.4					24.1 17 12.7 8.4					24.4 17.1 12.7 8.4			24.2 17.1 12.7 8.3		130																	
135	20 15.1 12								21.3 15.7 12.2								22.4 16.1 12.4					23.4 16.5 12.5 8.4					23.7 16.7 12.5 8.3			23.6 16.7 12.5 8.3		135																	
140	19.2 14.7 11.8								20.6 15.3 12								21.7 15.7 12.2					22.6 16.1 12.3					22.8 16.4 12.3 8.3			22.5 16.4 12.3 8.2		140																	
145	18.5 14.3 11.6								19.8 14.9 11.8								20.9 15.3 12					21.9 15.7 12.1					22.2 16 12.2			21.4 16 12.2 8.2		145																	
150	17.8 14 11.5								19.1 14.5 11.7								20.2 14.9 11.8					21.1 15.4 12					21.3 15.6 12			19.9 15.7 12 8.2		150																	
155	17.1 13.6 11.3								18.4 14.2 11.5								19.4 14.6 11.7					20.3 15 11.8					20.4 15.3 11.9			18.4 15.4 11.9 8.2		155																	
160	16.4 13.3 11.2								17.8 13.8 11.4								18.7 14.3 11.5					19.6 14.7 11.7					19 15 11.7			17 15.1 11.7		160																	
165	15.8 13 11.1								17.2 13.5 11.3								18 14 11.4					18.8 14.4 11.5					17.6 14.6 11.6			15.6 14.8 11.6		165																	
170	15.3 12.8								16.6 13.3 11.1								17.5 13.7 11.3					17.8 14.1 11.4					16.3 14.3 11.5			14.3 14.5 11.5		170																	
175	14.7 12.5								15.9 13 11.1								16.9 13.4 11.2					16.6 13.8 11.3					15.1 14.1 11.4			13.1 14.2 11.4		175																	
180	14.2 12.2								14.8 12.7								16.3 13.1 11.1					15.4 13.5 11.2					13.9 13.8 11.3			12 13.9 11.3		180																	
185	13.7 12								13.7 12.5								15.6 12.9 11					14.2 13.3 11.1					12.8 13.4 11.2			10.9 13.5 11.2		185																	
190	13.1 11.9								12.5 12.3								14.7 12.7					13.2 13 11					11.7 13.2 11.1			9.8 12.5 11.1		190																	
195	12.1 11.7								11.3 12.1								13.5 12.4					12.1 12.7 10.9					10.7 12.7 11			8.9 11.5 11		195																	
200	11								10.2 11.8								12.4 12.2					11.1 12.5					9.8 12 10.9			7.9 10.4 10.9		200																	
205	9.9								9.2 10.8								11.4 11.9					10.2 11.9					8.8 11 10.9			7 9.4 10.8		205																	
210	8.9								8.2 9.7								10.3 11.6					9.2 11					7.9 10 10.7			6.2 8.4 10		210																	
215	6.6								7.3								9.4 11					8.4 10.1					7.1 9.1			5.3 7.5 9.1		215																	
220									6.5								8.5 9.9					7.5 9.1					6.3 8.2			4.5 6.6 8		220																	
225									5.5								7.8 9					6.7 8.1					5.4 7.2			3.6 5.7 7.1		225																	
230									3.7								7 4.4					5.9 7.3					4.7 6.4			4.9		230																	
235																	6.3					5.1 6.5					3.9 5.6			4		235																	
240																	5.5					4.3 5.6					3.1 4.7			3.2		240																	
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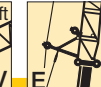
* adapter · pièce d'adaptateur

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▲ For reference only.
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Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 Y				 11.5 ft V				 E				 98 ft F				 360°				 308600 lbs				 85%																			
	132 + 20 ft*								149 + 20 ft*								165 + 20 ft*								182 + 20 ft*								198 + 20 ft*								215 + 20 ft*								
	98 ft								98 ft								98 ft								98 ft								98 ft								98 ft								
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°																	
45	35				34.9																											45																	
50	33.2				33.2				32.7																							50																	
55	31.5				31.6				31.5				31.3																			55																	
60	29.9				30.1				30.1				30.1				29.5															60																	
65	28.6				28.8				28.8				28.9				28.4				26.9											65																	
70	27.2				27.6				27.6				27.7				27.4				26.4											70																	
75	26	17.6			26.4				26.6				26.7				26.4				25.5											75																	
80	25	16.9			25.3	17			25.6				25.8				25.4				24.7											80																	
85	23.9	16.2			24.4	16.4			24.6	16.5			24.8				24.6				23.9											85																	
90	22.9	15.5			23.4	15.8			23.7	15.9			23.9	16.1			23.8				23.2											90																	
95	22	14.9			22.5	15.2			22.9	15.3			23.2	15.5			23	15.5			22.5											95																	
100	21.1	14.4	10		21.7	14.6			22.1	14.8			22.4	15			22.3	15			21.8	14.8										100																	
105	20.2	13.8	9.7		20.9	14.1	9.8		21.3	14.3			21.7	14.6			21.6	14.5			21.2	14.4										105																	
110	19.4	13.3	9.5		20.2	13.6	9.5		20.6	13.9	9.5		20.9	14.1	9.6		21	14.1			20.6	14										110																	
115	18.6	12.9	9.2	5.8	19.4	13.2	9.3		19.9	13.4	9.3		20.3	13.7	9.4		20.3	13.7	9.3		20	13.6										115																	
120	17.8	12.4	9	5.7	18.7	12.8	9.1	5.7	19.2	13	9.1		19.6	13.3	9.2		19.7	13.3	9.1		19.4	13.2	9									120																	
125	17	12	8.7	5.7	18	12.3	8.9	5.7	18.5	12.6	8.9	5.6	19	12.9	9	5.6	19.1	13	8.9		18.9	12.9	8.8									125																	
130	16.3	11.6	8.6	5.6	17.2	12	8.7	5.6	17.9	12.2	8.7	5.6	18.3	12.5	8.8	5.6	18.5	12.6	8.8	5.5	18.3	12.5	8.7									130																	
135	15.6	11.2	8.4	5.6	16.5	11.6	8.5	5.6	17.3	11.9	8.5	5.5	17.8	12.2	8.6	5.5	18	12.3	8.6	5.5	17.8	12.2	8.5	5.4								135																	
140	15	10.9	8.2	5.5	15.8	11.2	8.3	5.5	16.7	11.6	8.4	5.5	17.2	11.8	8.5	5.5	17.4	12	8.5	5.4	17.3	11.9	8.4	5.4								140																	
145	14.3	10.6	8		15.3	10.9	8.1	5.5	16	11.2	8.2	5.4	16.7	11.5	8.3	5.4	16.9	11.7	8.3	5.4	16.8	11.6	8.2	5.3								145																	
150	13.7	10.3	7.9		14.7	10.6	8		15.5	10.9	8.1	5.4	16.1	11.2	8.2	5.4	16.4	11.4	8.2	5.4	16.3	11.3	8.1	5.3								150																	
155	13.2	10	7.7		14.1	10.3	7.8		14.9	10.6	7.9		15.6	10.9	8	5.4	15.9	11.1	8	5.3	15.8	11.1	8	5.3								155																	
160	12.6	9.7	7.6		13.5	10.1	7.7		14.4	10.3	7.8		15.1	10.6	7.9		15.5	10.8	7.9	5.3	15.4	10.8	7.9	5.3								160																	
165	12.1	9.4	7.5		13	9.8	7.6		13.8	10.1	7.7		14.6	10.4	7.8		15	10.5	7.8		15.1	10.6	7.8	5.3								165																	
170	11.6	9.2	7.4		12.6	9.5	7.5		13.3	9.8	7.6		14.1	10.1	7.7		14.6	10.3	7.7		14.7	10.3	7.7	5.2								170																	
175	11.1	8.9	7.4		12.1	9.3	7.4		12.9	9.6	7.5		13.6	9.9	7.6		14.1	10	7.6		14.3	10.1	7.6	5.2								175																	
180	10.7	8.7	7.3		11.7	9.1	7.4		12.4	9.4	7.4		13.2	9.6	7.5		13.7	9.8	7.6		13.9	9.9	7.5									180																	
185	10.3	8.5	7.2		11.2	8.9	7.3		12	9.1	7.4		12.7	9.4	7.4		13.3	9.6	7.5		13.5	9.7	7.5									185																	
190	9.9	8.3			10.8	8.6	7.3		11.6	8.9	7.3		12.3	9.2	7.4		12.8	9.4	7.4		13.1	9.5	7.4									190																	
195	9.6	8.1			10.4	8.5	7.2		11.2	8.7	7.2		12	9	7.3		12.4	9.2	7.3		12.8	9.3	7.3									195																	
200	9.2	8			10.1	8.3			10.8	8.6	7.2		11.6	8.8	7.2		12.1	9	7.2		12.4	9.1	7.3									200																	
205	8.9	7.9			9.7	8.1			10.5	8.4	7.1		11.2	8.6	7.2		11.7	8.8	7.2		12	8.9	7.2									205																	
210	8.6	7.7			9.4	8			10.1	8.2			10.8	8.5	7.1		11.4	8.7	7.1		11.7	8.8	7.1									210																	
215	8.3	7.6			9.1	7.8			9.8	8.1			10.5	8.3	7.1		10.9	8.5	7.1		11.2	8.6	7.1									215																	
220	8				8.8	7.7			9.5	7.9			10.2	8.2			10.6	8.3	7.1		10.6	8.4	7.1									220																	
225	7.7				8.5	7.6			9.2	7.8			9.8	8			10.3	8.2	7		9.8	8.3	7									225																	
230	6.9				8.2	7.5			8.9	7.7			9.5	7.9			9.9	8.1	7		9	8.2	7									230																	
235	4.2				7.5				8.6	7.6			9.2	7.8			9.5	7.9			8.2	8	7									235																	
240					6.3				8.3	7.5			8.9	7.7			9.1	7.8			7.4	7.9	7									240																	
245					4.2				8.1	7.5			8.6	7.6			8.3	7.7			6.7	7.7										245																	
250									7.3	7.2			8.2	7.5			7.5	7.6			5.9	7.4										250																	
255									6.2				7.1	7.4			6.6	7.5			5.2	7.1										255																	
260									4.2				5.8	7.4			5.8	7.1			4.5	6.5										260																	
265													4.4	6.9			4.8	6.7			3.8	5.7										265																	
270																	3.7	6			2.9	4.9										270																	
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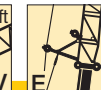
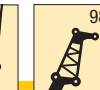
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft				 11.5 ft				 98 ft				 360°				 220500 lbs				 85%																																											
 ft	132 + 20 ft*								149 + 20 ft*								165 + 20 ft*								182 + 20 ft*								198 + 20 ft*								215 + 20 ft*								 ft																
	98 ft								98 ft								98 ft								98 ft								98 ft								98 ft																								
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°																																	
40	36.9																																																								40								
45	35								34.9																																																								45
50	33.2								33.2								32.7																																																50
55	31.5								31.6								31.5								31.3																																								55
60	29.9								30.1								30.1																29.5																																60
65	28.6								28.8								28.8								28.9								28.4																26.9																65
70	27.2								27.6								27.6								27.7								27.4																26.4																70
75	26 17.6								26.4								26.6								26.7								26.4																25.5																75
80	25 16.9								25.3 17								25.6								25.8								25.4																24.7																80
85	23.9 16.2								24.4 16.4								24.6 16.5								24.8								24.6																23.9																85
90	22.9 15.5								23.4 15.8								23.7 15.9								23.9 16.1								23.8																23.2																90
95	22 14.9								22.5 15.2								22.9 15.3								23.2 15.5								23 15.5																22.5																95
100	21.1 14.4 10								21.7 14.6								22.1 14.8								22.4 15								22.3 15																21.8 14.8																100
105	20.2 13.8 9.7								20.9 14.1 9.8								21.3 14.3								21.7 14.6								21.6 14.5																21.2 14.4																105
110	19.4 13.3 9.5								20.2 13.6 9.5								20.6 13.9 9.5								20.9 14.1 9.6								21 14.1																20.6 14																110
115	18.6 12.9 9.2 5.8								19.4 13.2 9.3								19.9 13.4 9.3								20.3 13.7 9.4								20.3 13.7 9.3																20 13.6																115
120	17.8 12.4 9 5.7								18.7 12.8 9.1 5.7								19.2 13 9.1								19.6 13.3 9.2								19.7 13.3 9.1																19.4 13.2 9																120
125	17 12 8.7 5.7								18 12.3 8.9 5.7								18.5 12.6 8.9 5.6								19 12.9 9 5.6								19.1 13 8.9																18.9 12.9 8.8																125
130	16.3 11.6 8.6 5.6								17.2 12 8.7 5.6								17.9 12.2 8.7 5.6								18.3 12.5 8.8 5.6								18.5 12.6 8.8 5.5								18.3 12.5 8.7																130								
135	15.6 11.2 8.4 5.6								16.5 11.6 8.5 5.6								17.3 11.9 8.5 5.5								17.8 12.2 8.6 5.5								18 12.3 8.6 5.5								17.8 12.2 8.5 5.4																135								
140	15 10.9 8.2 5.5								15.8 11.2 8.3 5.5								16.7 11.6 8.4 5.5								17.2 11.8 8.5 5.5								17.4 12 8.5 5.4								17.3 11.9 8.4 5.4																140								
145	14.3 10.6 8								15.3 10.9 8.1 5.5								16 11.2 8.2 5.4								16.7 11.5 8.3 5.4								16.9 11.7 8.3 5.4								16.8 11.6 8.2 5.3																145								
150	13.7 10.3 7.9								14.7 10.6 8								15.5 10.9 8.1 5.4								16.1 11.2 8.2 5.4								16.4 11.4 8.2 5.4								16.3 11.3 8.1 5.3																150								
155	13.2 10 7.7								14.1 10.3 7.8								14.9 10.6 7.9								15.6 10.9 8 5.4								15.9 11.1 8 5.3								15.8 11.1 8 5.3																155								
160	12.6 9.7 7.6								13.5 10.1 7.7								14.4 10.3 7.8								15.1 10.6 7.9								15.5 10.8 7.9 5.3								15.4 10.8 7.9 5.3																160								
165	12.1 9.4 7.5								13 9.8 7.6								13.8 10.1 7.7								14.6 10.4 7.8								15 10.5 7.8								15 10.6 7.8 5.3																165								
170	11.6 9.2 7.4								12.6 9.5 7.5								13.3 9.8 7.6								14.1 10.1 7.7								14.3 10.3 7.7								14.1 10.3 7.7 5.2																170								
175	11.1 8.9 7.4								12.1 9.3 7.4								12.9 9.6 7.5								13.6 9.9 7.6								13.9 10 7.6								13.2 10.1 7.6 5.2																175								
180	10.7 8.7 7.3								11.7 9.1 7.4								12.4 9.4 7.4								13.1 9.6 7.5								13.5 9.8 7.6								12.1 9.9 7.5																180								
185	10.3 8.5 7.2								11.2 8.9 7.3								12 9.1 7.4								12.6 9.4 7.4								12.9 9.6 7.5								11.1 9.7 7.5																185								
190	9.9 8.3								10.8 8.6 7.3								11.5 8.9 7.3								12.1 9.2 7.4								11.9 9.4 7.4								10.1 9.5 7.4																190								
195	9.6 8.1								10.4 8.5 7.2								11.1 8.7 7.2								11.8 9 7.3								10.9 9.2 7.3								9.1 9.3 7.3																195								
200	9.2 8								10.1 8.3								10.7 8.6 7.2								11.2 8.8 7.2								10 9 7.2								8.2 9.1 7.3																200								
205	8.9 7.9								9.6 8.1								10.3 8.4 7.1								10.4 8.6 7.2								9.1 8.8 7.2								7.3 8.9 7.2																205								
210	8.6 7.7								9.1 8								10 8.2								9.6 8.5 7.1								8.2 8.6 7.1								6.4 8.7 7.1																210								
215	8.3 7.6								8.4 7.8								9.6 8.1								8.8 8.3 7.1								7.4 8.4 7.1								5.6 8.2 7.1																215								
220	8								7.6 7.7								9 7.9								8 8.1								6.6 8.3 7.1								4.8 7.5 7.1																220								
225	7.5								6.7 7.6								8.4 7.8								7.2 8								5.8 7.9 7								4 6.6 7																225								
230	6.8								6 7.2								7.8 7.7								6.4 7.8								5.1 7.3 7								5.8 7																230								
235	4.2								5.1								7.1 7.6								5.7 7.4								4.4 6.6								5 6.5																235								
240									4.2								6.4 7.5								5 6.7								3.7 5.8								4.3 5.9																240								
245									3.4								5.7 6.9								4.3 6								2.9 5								3.4																245								
250																	4.9								3.6 5.3								4.3																								250								
255																	4.2								2.8 4.5								3.5																								255								
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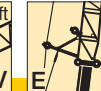
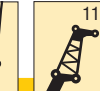
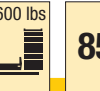
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 Y				 11.5 ft V				 E				 118 ft F								 360°				 308600 lbs				 85%															
 ft	132 + 20 ft*								149 + 20 ft*								165 + 20 ft*								182 + 20 ft*								198 + 20 ft*								215 + 20 ft*								 ft
	118 ft								118 ft								118 ft								118 ft								118 ft								118 ft								
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°																	
45	28.1																																45																
50	26.7					27.7																										50																	
55	25.3					26.4					26																					55																	
60	24.1					25.2					25				25																	60																	
65	22.9					24.1					24				24						23.5											65																	
70	21.9					23					23				23						22.6				21.5							70																	
75	20.9					22					22				22.1						21.8				21							75																	
80	20					21.1					21.2				21.3						21				20.3							80																	
85	19.1	12.8				20.2					20.4				20.5						20.3				19.7							85																	
90	18.4	12.2				19.5	13.2				19.6				19.8						19.6				19.1							90																	
95	17.6	11.7				18.8	12.8				18.9	12.9			19.1						19				18.4							95																	
100	16.8	11.2				18	12.3				18.2	12.4			18.5	12.5					18.3				17.9							100																	
105	16.2	10.8				17.3	11.9				17.6	12			17.9	12.2					17.7	12.1			17.4							105																	
110	15.5	10.4				16.7	11.5				16.9	11.6			17.3	11.8					17.2	11.8			16.8	11.6						110																	
115	14.9	10	6.8			16.1	11.1				16.4	11.3			16.7	11.4					16.7	11.4			16.4	11.3						115																	
120	14.2	9.6	6.7			15.5	10.7	7.3			15.8	10.9			16.2	11.1					16.2	11.1			15.9	11						120																	
125	13.6	9.2	6.5			15	10.3	7.1			15.3	10.5	7.1		15.6	10.7					15.7	10.8			15.5	10.6						125																	
130	13	8.8	6.3			14.4	10	7			14.8	10.2	7		15.2	10.4	7				15.2	10.5			15.1	10.3						130																	
135	12.4	8.5	6.2	3.3		13.9	9.6	6.8			14.3	9.8	6.8		14.7	10.1	6.9				14.8	10.1	6.9		14.6	10.1						135																	
140	11.8	8.2	6	3.2		13.4	9.3	6.6	3.8		13.8	9.5	6.7		14.2	9.7	6.7				14.4	9.8	6.7		14.2	9.8	6.7					140																	
145	11.3	7.9	5.9	3.2		12.8	9	6.5	3.8		13.4	9.2	6.6	3.8		13.8	9.4	6.6	3.8		14	9.5	6.6		13.8	9.5	6.6					145																	
150	10.8	7.6	5.8	3.2		12.3	8.7	6.4	3.7		12.9	8.9	6.4	3.8		13.4	9.1	6.5	3.8		13.6	9.3	6.5	3.7	13.5	9.2	6.4					150																	
155	10.3	7.4	5.6	3.2		11.9	8.4	6.2	3.7		12.4	8.6	6.3	3.7		13	8.9	6.4	3.8		13.2	9	6.4	3.7	13.1	9	6.3	3.7				155																	
160	9.9	7.2	5.5	3.2		11.4	8.1	6.1	3.7		12	8.4	6.2	3.7		12.5	8.6	6.2	3.7		12.8	8.7	6.3	3.7	12.8	8.7	6.2	3.7				160																	
165	9.4	7	5.4			11	7.9	6	3.7		11.6	8.1	6.1	3.7		12.1	8.4	6.1	3.7		12.4	8.5	6.2	3.7	12.4	8.5	6.1	3.7				165																	
170	9	6.8	5.3			10.5	7.6	5.9			11.1	7.9	6	3.7		11.7	8.1	6	3.7		12.1	8.3	6.1	3.7	12.1	8.3	6.1	3.7				170																	
175	8.6	6.6	5.2			10.1	7.4	5.8			10.7	7.7	5.9			11.3	7.9	5.9	3.7		11.7	8	6	3.7	11.8	8.1	6	3.7				175																	
180	8.3	6.5	5.1			9.7	7.2	5.7			10.3	7.5	5.8			11	7.7	5.9			11.3	7.8	5.9	3.7	11.5	7.9	5.9	3.6				180																	
185	7.9	6.3	5			9.4	7.1	5.6			9.9	7.3	5.7			10.6	7.5	5.8			11	7.6	5.8		11.1	7.7	5.8	3.6				185																	
190	7.6	6.1	5			9	6.9	5.5			9.6	7.1	5.6			10.2	7.3	5.7			10.6	7.5	5.7		10.8	7.5	5.7	3.6				190																	
195	7.3	6	4.9			8.7	6.7	5.4			9.2	6.9	5.5			9.9	7.2	5.6			10.3	7.3	5.7		10.5	7.3	5.6					195																	
200	7.1	5.8	4.9			8.3	6.6	5.4			8.9	6.8	5.4			9.5	7	5.5			10	7.1	5.6		10.2	7.2	5.6					200																	
205	6.8	5.7	4.8			8	6.4	5.3			8.6	6.6	5.4			9.2	6.8	5.5			9.6	7	5.5		9.9	7	5.5					205																	
210	6.6	5.6				7.7	6.3	5.3			8.3	6.5	5.3			8.9	6.7	5.4			9.3	6.8	5.4		9.6	6.9	5.5					210																	
215	6.4	5.5				7.5	6.1	5.2			7.9	6.3	5.3			8.6	6.5	5.3			9	6.7	5.4		9.3	6.8	5.4					215																	
220	6.2	5.4				7.2	6				7.7	6.2	5.2			8.3	6.4	5.3			8.7	6.6	5.3		9	6.7	5.3					220																	
225	6	5.3				7	5.9				7.5	6.1	5.2			8	6.3	5.2			8.5	6.4	5.3		8.7	6.5	5.3					225																	
230	5.8	5.2				6.7	5.8				7.3	6				7.7	6.2	5.2			8.2	6.3	5.2		8.5	6.4	5.2					230																	
235	5.6	5.2				6.5	5.7				7	5.9				7.5	6.1	5.2			8	6.2	5.2		8.2	6.3	5.2					235																	
240	5.4					6.3	5.6				6.8	5.8				7.3	5.9				7.6	6.1	5.1		7.7	6.2	5.2					240																	
245	5.3					6.1	5.5				6.6	5.7				7.1	5.8				7.4	6	5.1		7.2	6.1	5.1					245																	
250	4.6					5.7	5.5				6.4	5.6				6.9	5.7				7.2	5.9	5.1		6.7	6	5.1					250																	
255						5.1					6.2	5.5				6.7	5.7				7	5.8			6.1	5.9	5.1					255																	
260						4					6	5.4				6.5	5.6				6.6	5.7			5.4	5.8	5.1					260																	
265											5.8	5.4				6.3	5.5				6.1	5.6			4.8	5.7						265																	
270											5.2	5.3				5.7	5.4				5.5	5.5			4.1	5.6						270																	
275											4.1					4.8	5.4				4.7	5.5			3.5	5.4						275																	
280																3.7	5.3				3.9	5.3			2.8	4.8						280																	
285																	4.9				2.8	5.1				4.1						285																	
290																						4.4				3.5						290																	
295																						3.6										295																	

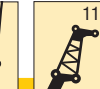
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 11.5 ft Y				 118 ft V				 118 ft E				 118 ft F				 360°				 220500 lbs				 85%																			
 ft	132 + 20 ft*								149 + 20 ft*								165 + 20 ft*								182 + 20 ft*								198 + 20 ft*								215 + 20 ft*								 ft
	118 ft								118 ft								118 ft								118 ft								118 ft								118 ft								
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°																	
45	28.1								27.7																								45																
50	26.7								26.4																								50																
55	25.3								25.2																								55																
60	24.1								24.1																								60																
65	22.9								24																								65																
70	21.9								23																								70																
75	20.9								22																								75																
80	20								21.1																								80																
85	19.1	12.8							20.2																								85																
90	18.4	12.2							19.5	13.2																							90																
95	17.6	11.7							18.8	12.8																							95																
100	16.8	11.2							18	12.3																							100																
105	16.2	10.8							17.3	11.9																							105																
110	15.5	10.4							16.7	11.5																							110																
115	14.9	10	6.8						16.1	11.1																							115																
120	14.2	9.6	6.7						15.5	10.7	7.3																						120																
125	13.6	9.2	6.5						15	10.3	7.1																						125																
130	13	8.8	6.3						14.4	10	7																						130																
135	12.4	8.5	6.2	3.3					13.9	9.6	6.8																						135																
140	11.8	8.2	6	3.2					13.4	9.3	6.6	3.8																					140																
145	11.3	7.9	5.9	3.2					12.8	9	6.5	3.8																					145																
150	10.8	7.6	5.8	3.2					12.3	8.7	6.4	3.7																					150																
155	10.3	7.4	5.6	3.2					11.9	8.4	6.2	3.7																					155																
160	9.9	7.2	5.5	3.2					11.4	8.1	6.1	3.7																					160																
165	9.4	7	5.4						11	7.9	6	3.7																					165																
170	9	6.8	5.3						10.5	7.6	5.9																						170																
175	8.6	6.6	5.2						10.1	7.4	5.8																						175																
180	8.3	6.5	5.1						9.7	7.2	5.7																						180																
185	7.9	6.3	5						9.4	7.1	5.6																						185																
190	7.6	6.1	5						9	6.9	5.5																						190																
195	7.3	6	4.9						8.7	6.7	5.4																						195																
200	7.1	5.8	4.9						8.3	6.6	5.4																						200																
205	6.8	5.7	4.8						8	6.4	5.3																						205																
210	6.6	5.6							7.7	6.3	5.3																						210																
215	6.4	5.5							7.5	6.1	5.2																						215																
220	6.2	5.4							7.2	6																							220																
225	6	5.3							6.8	5.9																							225																
230	5.8	5.2							6.4	5.8																							230																
235	5.6	5.2							5.8	5.7																							235																
240	5.4								5.4	5.6																							240																
245	5.2								4.6	5.5																							245																
250	4.5								3.8	5.3																							250																
255									3.1																								255																
260																																	260																
265																																	265																
270																																	270																
275																																	275																

* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEF

132 – 198 ft T Y 11.5 ft V E 138 ft F 360° 308600 lbs 85%															
ft	132 + 20 ft*			149 + 20 ft*			165 + 20 ft*			182 + 20 ft*			198 + 20 ft*		ft
	138 ft			138 ft			138 ft			138 ft			138 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	
50	22.4														50
55	21.3			21.1											55
60	20.3			20.2			20.2			19.9					60
65	19.3			19.3			19.4			19.3					65
70	18.5			18.5			18.6			18.5			18		70
75	17.7			17.7			17.8			17.8			17.3		75
80	16.9			17			17.1			17.1			16.7		80
85	16.1			16.3			16.4			16.4			16.1		85
90	15.5			15.6			15.8			15.9			15.6		90
95	14.8	10		15			15.2			15.3			15		95
100	14.2	9.6		14.5	9.7		14.6			14.7			14.5		100
105	13.6	9.2		13.9	9.3		14.1	9.5		14.2			14.1		105
110	13.1	8.9		13.3	9		13.6	9.1		13.8	9.2		13.6		110
115	12.6	8.5		12.8	8.7		13.1	8.8		13.3	8.9		13.1	8.8	115
120	12.1	8.2		12.4	8.3		12.6	8.5		12.8	8.6		12.7	8.5	120
125	11.6	7.9		11.9	8		12.2	8.2		12.4	8.3		12.3	8.3	125
130	11.1	7.5		11.5	7.7		11.8	7.9		12	8		11.9	8	130
135	10.7	7.3	5.1	11.1	7.4	5.1	11.4	7.6		11.6	7.7		11.6	7.7	135
140	10.2	7	5	10.7	7.2	5	11	7.4	5	11.2	7.5		11.2	7.5	140
145	9.7	6.8	4.8	10.3	7	4.9	10.6	7.1	4.9	10.9	7.3	4.9	10.9	7.2	145
150	9.3	6.5	4.7	9.9	6.7	4.7	10.3	6.9	4.8	10.5	7	4.8	10.5	7	150
155	8.9	6.3	4.6	9.4	6.5	4.6	9.9	6.7	4.7	10.2	6.8	4.7	10.2	6.9	155
160	8.5	6.1	4.5	9	6.3	4.5	9.5	6.5	4.6	9.8	6.6	4.6	9.9	6.7	160
165	8.2	5.9	4.3	8.7	6.1	4.4	9.2	6.3	4.4	9.5	6.4	4.5	9.6	6.5	165
170	7.8	5.7	4.2	8.3	5.9	4.3	8.8	6.1	4.3	9.2	6.3	4.4	9.3	6.3	170
175	7.4	5.5	4.1	8	5.7	4.2	8.5	5.9	4.3	8.9	6.1	4.3	9	6.1	175
180	7.2	5.4	4	7.7	5.6	4.1	8.2	5.8	4.2	8.6	5.9	4.2	8.7	6	180
185	6.9	5.2	3.9	7.4	5.4	4	7.9	5.6	4.1	8.3	5.7	4.1	8.5	5.8	185
190	6.6	5.1	3.9	7.1	5.2	3.9	7.6	5.4	4	8	5.6	4.1	8.2	5.7	190
195	6.4	4.9	3.8	6.8	5.1	3.8	7.3	5.3	3.9	7.7	5.4	4	7.9	5.5	195
200	6.1	4.7	3.7	6.6	5	3.8	7	5.1	3.8	7.5	5.3	3.9	7.6	5.4	200
205	5.8	4.6	3.6	6.4	4.8	3.7	6.8	5	3.8	7.2	5.2	3.8	7.4	5.3	205
210	5.6	4.5	3.6	6.1	4.7	3.6	6.6	4.9	3.7	6.9	5	3.8	7.2	5.1	210
215	5.4	4.4	3.5	5.9	4.6	3.6	6.4	4.7	3.6	6.7	4.9	3.7	7	5	215
220	5.2	4.2	3.5	5.7	4.4	3.5	6.1	4.6	3.6	6.5	4.8	3.7	6.7	4.9	220
225	5	4.1	3.4	5.5	4.3	3.5	5.9	4.5	3.5	6.3	4.7	3.6	6.5	4.8	225
230	4.8	4		5.3	4.2	3.4	5.7	4.4	3.5	6.1	4.5	3.5	6.3	4.7	230
235	4.6	3.9		5.1	4.1	3.4	5.5	4.3	3.5	5.9	4.5	3.5	6.1	4.5	235
240	4.5	3.9		4.9	4		5.3	4.2	3.4	5.7	4.4	3.5	6	4.4	240
245	4.3	3.8		4.7	3.9		5.2	4.1	3.4	5.5	4.3	3.4	5.8	4.3	245
250	4.1	3.7		4.6	3.9		5	4		5.4	4.2	3.4	5.6	4.3	250
255	4	3.6		4.4	3.8		4.8	3.9		5.2	4.1	3.4	5.4	4.2	255
260	3.8			4.3	3.7		4.6	3.8		5	4		5.2	4.1	260
265	3.7			4.1	3.6		4.5	3.8		4.9	3.9		5.1	4	265
270				3.9			4.3	3.7		4.7	3.8		4.9	3.9	270
275				3.6			4.2	3.6		4.5	3.8		4.7	3.9	275
280							4	3.6		4.4	3.7		4.5	3.8	280
285							3.7			4.2	3.6		4.2	3.7	285
290							3.4			3.5	3.6		3.5	3.7	290
295										2.8	3.5			3.4	295
300											3.5				300
305											2.6				305

* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

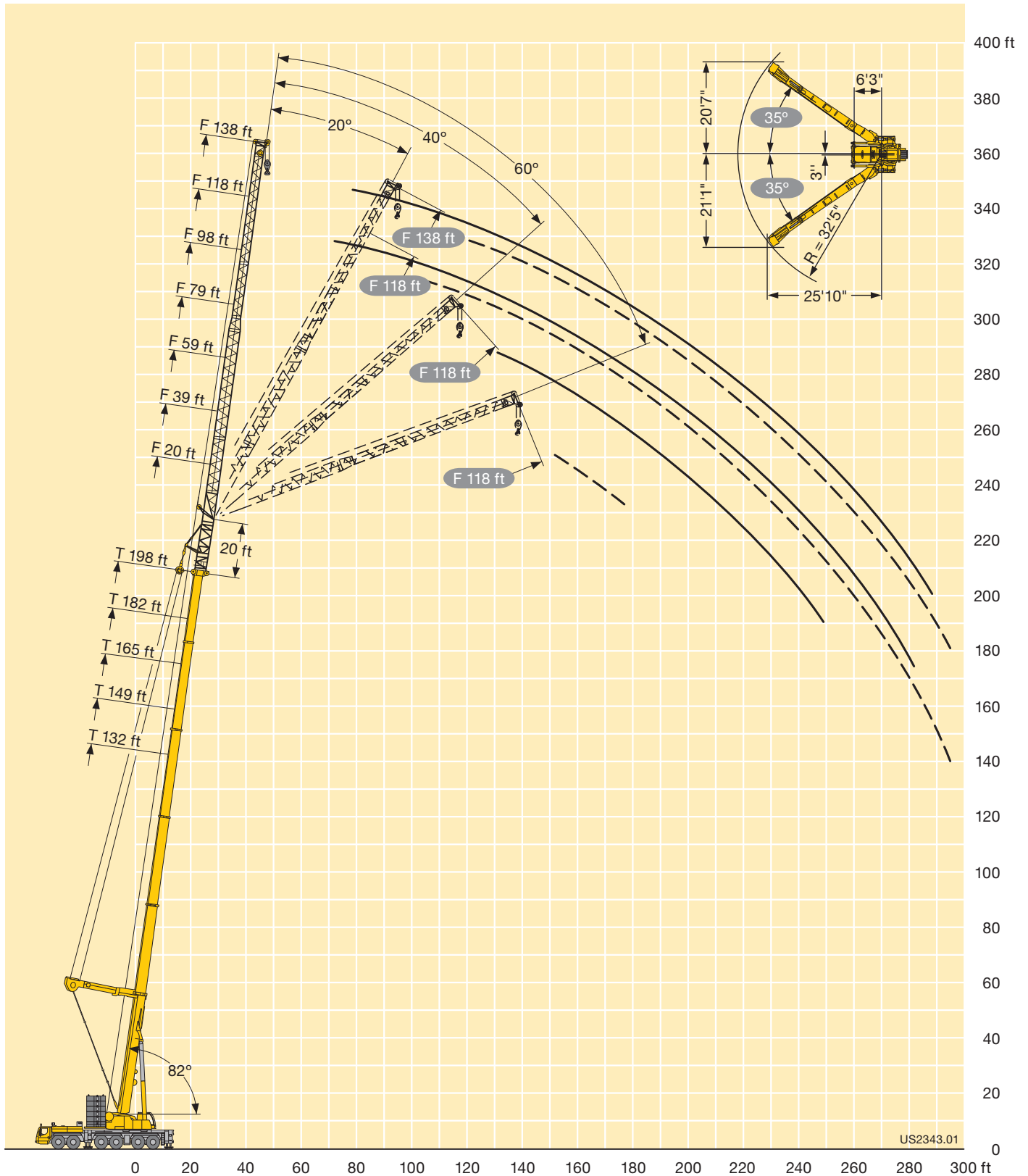
TYVEF

132 – 198 ft  11.5 ft  138 ft   85%															
	132 + 20 ft*			149 + 20 ft*			165 + 20 ft*			182 + 20 ft*			198 + 20 ft*		
	138 ft			138 ft			138 ft			138 ft			138 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	
50	22.4														50
55	21.3			21.1											55
60	20.3			20.2			20.2			19.9					60
65	19.3			19.3			19.4			19.3					65
70	18.5			18.5			18.6			18.5			18		70
75	17.7			17.7			17.8			17.8			17.3		75
80	16.9			17			17.1			17.1			16.7		80
85	16.1			16.3			16.4			16.4			16.1		85
90	15.5			15.6			15.8			15.9			15.6		90
95	14.8	10		15			15.2			15.3			15		95
100	14.2	9.6		14.5	9.7		14.6			14.7			14.5		100
105	13.6	9.2		13.9	9.3		14.1	9.5		14.2			14.1		105
110	13.1	8.9		13.3	9		13.6	9.1		13.8	9.2		13.6		110
115	12.6	8.5		12.8	8.7		13.1	8.8		13.3	8.9		13.1	8.8	115
120	12.1	8.2		12.4	8.3		12.6	8.5		12.8	8.6		12.7	8.5	120
125	11.6	7.9		11.9	8		12.2	8.2		12.4	8.3		12.3	8.3	125
130	11.1	7.5		11.5	7.7		11.8	7.9		12	8		11.9	8	130
135	10.7	7.3	5.1	11.1	7.4	5.1	11.4	7.6		11.6	7.7		11.6	7.7	135
140	10.2	7	5	10.7	7.2	5	11	7.4	5	11.2	7.5		11.2	7.5	140
145	9.7	6.8	4.8	10.3	7	4.9	10.6	7.1	4.9	10.9	7.3	4.9	10.9	7.2	145
150	9.3	6.5	4.7	9.9	6.7	4.7	10.3	6.9	4.8	10.5	7	4.8	10.5	7	150
155	8.9	6.3	4.6	9.4	6.5	4.6	9.9	6.7	4.7	10.2	6.8	4.7	10.2	6.9	155
160	8.5	6.1	4.5	9	6.3	4.5	9.5	6.5	4.6	9.8	6.6	4.6	9.9	6.7	160
165	8.2	5.9	4.3	8.7	6.1	4.4	9.2	6.3	4.4	9.5	6.4	4.5	9.6	6.5	165
170	7.8	5.7	4.2	8.3	5.9	4.3	8.8	6.1	4.3	9.2	6.3	4.4	9.3	6.3	170
175	7.4	5.5	4.1	8	5.7	4.2	8.5	5.9	4.3	8.9	6.1	4.3	9	6.1	175
180	7.2	5.4	4	7.7	5.6	4.1	8.2	5.8	4.2	8.6	5.9	4.2	8.7	6	180
185	6.9	5.2	3.9	7.4	5.4	4	7.9	5.6	4.1	8.3	5.7	4.1	8.5	5.8	185
190	6.6	5.1	3.9	7.1	5.2	3.9	7.6	5.4	4	8	5.6	4.1	8.2	5.7	190
195	6.4	4.9	3.8	6.8	5.1	3.8	7.3	5.3	3.9	7.7	5.4	4	7.9	5.5	195
200	6.1	4.7	3.7	6.6	5	3.8	7	5.1	3.8	7.5	5.3	3.9	7.6	5.4	200
205	5.8	4.6	3.6	6.4	4.8	3.7	6.8	5	3.8	7.2	5.2	3.8	7.4	5.3	205
210	5.6	4.5	3.6	6.1	4.7	3.6	6.6	4.9	3.7	6.9	5	3.8	7.1	5.1	210
215	5.4	4.4	3.5	5.9	4.6	3.6	6.4	4.7	3.6	6.7	4.9	3.7	6.9	5	215
220	5.2	4.2	3.5	5.7	4.4	3.5	6.1	4.6	3.6	6.5	4.8	3.7	6.6	4.9	220
225	5	4.1	3.4	5.5	4.3	3.5	5.9	4.5	3.5	6.2	4.7	3.6	6.4	4.8	225
230	4.8	4		5.3	4.2	3.4	5.7	4.4	3.5	6	4.5	3.5	6	4.7	230
235	4.6	3.9		5.1	4.1	3.4	5.4	4.3	3.5	5.8	4.5	3.5	5.4	4.5	235
240	4.5	3.9		4.9	4		5.3	4.2	3.4	5.6	4.4	3.5	4.8	4.4	240
245	4.3	3.8		4.7	3.9		5.1	4.1	3.4	5.2	4.3	3.4	4.2	4.3	245
250	4.1	3.7		4.5	3.9		4.9	4		4.7	4.2	3.4	3.5	4.2	250
255	4	3.6		4.2	3.8		4.7	3.9		4.2	4	3.4	2.9	4.1	255
260	3.8			3.6	3.7		4.5	3.8		3.7	4			3.6	260
265	3.7			2.9	3.6		4.2	3.8		3.1	3.9			2.9	265
270							3.9	3.7		2.5	3.6				270
275							3.4	3.6			3				275
280							2.8	3.6							280

* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.



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Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

																													
49 – 149 ft T		39 ft N				360°		220500 lbs		85%																			
	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			132 + 11.5 ft*			149 + 11.5 ft*										
	39 ft**			39 ft**			39 ft**			39 ft**			39 ft**			39 ft**			39 ft**										
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	75°	68°									
22	156.1																				22								
24	156.1																				24								
26	156.1				156.1																26								
28	156.1				156.1																28								
30	155.6				155.8			142.3													30								
32	153.5				154.6			143.2													32								
34	150.1				152.9			143.4			117.6										34								
36	145.6	147.8			150.9			143			117.9										36								
38	139.7	142.1			147.3	149.4		141.5			118.1			98.5			75.1				38								
40	132.9	136.7			142.5	148.2		140			118.3			98.6			75				40								
42	124.2	132.3			135.2	144.7		138.9			118.7			98.7			74.9			57.9	42								
44		128.6	129.3		127.1	140.7		135.4	136.9		119.3			99			74.9			57.9	44								
46		125.2	128			136.6			135.8		119.9			99.3			74.9			57.8	46								
48		121	123.8			133.2			132.9		119.5			99.8			74.6			57.8	48								
50			119.5			129.9	127.1		130		119.2	114		100.3			74.4			57.8	50								
55						119.2			120.9			112			94.6					57.8	55								
60						109						106.8			93.9						60								
65									96.3			98.3			93.2			62.1			65								
70													84.8					59			70								
75													79				76.2			47.5	75								
80																	71.2				80								
85																	66.5			45.8	85								
90																			43.3		90								

* adapter · pièce d'adaptateur

** Hookblock with deadweight of 6615 lbs necessary · Moufle à crochet de poids minimal de 6615 lbs nécessaire

t_180_54105_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

49 – 215 ft T 59 ft N 360° 220500 lbs 85%																
ft	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			ft
	59 ft***			59 ft***			59 ft***			59 ft***			59 ft***			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
28	130.7															28
30	130.1															30
32	128.4			121.7												32
34	126.6			121.6												34
36	124.7			121			108.4									36
38	122.7			119.6			108.3			90.5						38
40	120.7			118.1			108.3			90.5						40
42	119			116.6			108.3			90.5			76.9			42
44	117.2	117.7		115.2			107.8			90.5			76.9			44
46	115.6	115.5		114			107.2			90.5			76.9			46
48	114.3	113.3		113			106.4			90.5			76.9			48
50	113.1	111		112	111		105.6			90.5			76.9			50
55	109.5	105.4		110.2	107.6		104.2	103.1		90.5			76.9			55
60	104	100.1	100.2	107.5	104.2		103.3	100.4		90.5	87.7		76.9			60
65		97.3	93.7	98.3	101.9	99.2	102.6	98		90.5	88.1		76.9	74.6		65
70			89.4		96.3	92.7		93.3		90.5	87.5		76.9	74.5		70
75						86.3		87.6	82.6		84.2			74.3		75
80						80.6			77.2		79.1	73.2		73.7		80
85									72.5		74.1	68.6		72.2		85
90												64.4			61.8	90
95												60.5			58.1	95
100															54.6	100

* adapter - pièce d'adaptateur

t_180_54205_00_000

*** Hookblock with deadweight of 3200 lbs necessary - Moufle à crochet de poids minimal de 3200 lbs nécessaire

49 – 215 ft 59 ft 360° 220500 lbs 85%																
ft	132 + 11.5 ft*			149 + 11.5 ft*			165 + 11.5 ft*			182 + 11.5 ft*		198 + 11.5 ft*		215 + 11.5 ft*	ft	
	59 ft***			59 ft***			59 ft***			59 ft***		59 ft***		59 ft***		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	82°	75°	82°		
44	59.7														44	
46	59.7														46	
48	59.6														48	
50	59.6			45.8			34.7								50	
55	59.6			45.7			34.6			25.4		18			55	
60	59.5			45.7			34.5			25.3		18			60	
65	59.4			45.7			34.4			25.3		17.9		11.9	65	
70	58.8	54.1		45.7			34.4			25.2		17.9		11.8	70	
75		52.7		45.7	42		34.4			25.2		17.9		11.7	75	
80		50.6			41.3							17.9		11.6	80	
85		48.5			40			30.9				17.9		11.5	85	
90		46.7			38.7			30			22.4				90	
95			40		37.5			29.1			22				95	
100			38.3			31.7					21.4		15.8		100	
105			36.5			30.9							15.4		105	
110			35			29.5			22.3				15		110	
115									21.6						115	

* adapter - pièce d'adaptateur

t_180_54205_00_000

*** Hookblock with deadweight of 3200 lbs necessary - Moufle à crochet de poids minimal de 3200 lbs nécessaire

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

49 – 215 ft T 79 ft N 360° 220500 lbs 85%																
ft	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			ft
	79 ft			79 ft			79 ft			79 ft			79 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
36	101.5															36
38	100.3			94.6												38
40	99.1			94.4												40
42	97.8			93.9			84.5									42
44	96.6			93.2			84.4			71.7						44
46	95.3			92.4			84.4			71.7						46
48	94.3			91.5			84.3			71.7						48
50	93.2	92.2		90.6			84.1			71.7						50
55	90.7	90.4		88.7			83.3			71.7			61.7			55
60	88.4	87.3		87	86.5		82			71.7			61.8			60
65	86.9	84.5		85.7	84.1		80.9	80		71.7			62			65
70	86.3	82.2	81.9	85.1	82.1		80.2	78.4		71.7	69.6		62.3			70
75	86.2	80.4	78.8	84.8	80.4	80	80	76.9		71.6	69.3		62.5			75
80	82.4	79.1	75.6	84.1	79.1	77.8	80	75.8		71.6	68.7		62.6	59.9		80
85		78.5	72.7	81.3	78.3	74.9	80	74.9	71.6	71.6	68.1		62.5	59.9		85
90			71.3		74	70.7		71.6	67.6	71.6	67.7	63.4	62.5	59.8		90
95						66.7		67.9	63.7		65.4	59.8		59.8	55.1	95
100									60		61.8	56.3		59	53.6	100
105									56.5			53.1			50.6	105
110												50.3			47.9	110
115												47.6			45.4	115
120															43.1	120

* adapter · pièce d'adaptateur

t 180 54305 00 00

* adapter · pièce d'adaptateur

t_180_54305_00_000

49–215 ft T 79 ft N 360° 220500 lbs 85%																		
ft	132 + 11.5 ft*			149 + 11.5 ft*			165 + 11.5 ft*			182 + 11.5 ft*			198 + 11.5 ft*			215 + 11.5 ft*		ft
	79 ft			79 ft			79 ft			79 ft			79 ft			79 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	
50	48																	50
55	47.9			36.7			27											55
60	47.8			36.5			27											60
65	47.7			36.3			27			19.9			13.8					65
70	47.6			36.3			27			19.8			13.7			7.6		70
75	47.6			36.3			27			19.7			13.6			7.6		75
80	47.6			36.3			27			19.7			13.4			7.5		80
85	47.4	44		36.3	34.9		27			19.7			13.3			7.4		85
90	47.1	42.8		36.3	34.4		27			19.7			13.3			7.4		90
95		41.5		36.3	33.6		27	25		19.7			13.2			7.3		95
100		40.2	35.4		32.7			24.4			18		13.2			7.3		100
105		38.9	35.2		31.8			23.8			17.7							105
110		37.8	33.5		31			23.3			17.3			11.7				110
115			32.1		30.3	26.7		22.7			16.9			11.6			5.9	115
120			30.8			25.7			18.5		16.5			11.6			5.9	120
125						24.7			18.2					11.4			5.9	125
130						23.7			17.4					11.2			5.9	130
135									16.8			11.9						135
140												11.5			7.4			140
145															7.3			145
150															7			150

* adapter · pièce d'adaptateur

t 180 54305 00 00

* adapter · pièce d'adaptateur

t_180_54305_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

49—215 ft 98 ft T N 360° 220500 lbs 85%																
ft	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			ft
	98 ft			98 ft			98 ft			98 ft			98 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
42	78.7															42
44	78.1															44
46	77.4			73.3												46
48	76.8			73												48
50	76.1			72.8			65.9			56.9						50
55	74.5			71.9			65.8			56.7			49.2			55
60	73			70.7			65.7			56.5			49.2			60
65	71.6	70.5		69.7	68.7		65.2			56.3			49			65
70	70.4	68.8		68.7	67.5		64.6	63.4		56.3			48.9			70
75	69.4	67.3		67.9	66.2		64	62.7		56.2			48.9			75
80	68.9	66	65.2	67.4	65.1		63.5	61.8		56.2	54.7		48.9			80
85	68.7	64.8	63.5	67.3	64.1	63.3	63.3	60.9		56.2	54.7		48.9	47.2		85
90	68.7	64.1	62.1	67.2	63.4	62.1	63.3	60.3		56.2	54.5		48.9	47.2		90
95	65.2	63.9	61	67.2	63	60.9	63.3	59.8	58.6	56.2	54.1		48.9	47.2		95
100		63.9	60.1	64.8	62.7	59.9	63.3	59.5	57.4	56.2	53.9	52.7	48.9	47.2		100
105		63.9	59.7		62.2	58.9		59.4	55.9	56.2	53.7	52.1	48.9	47.2		105
110			57.9		59	55.8		56.8	52.9		53.6	49.4	48.9	47.2	45.7	110
115						52.9		54	50.2		51.7	46.8		47.2	44.4	115
120									47.6		49	44.4		46.7	42.4	120
125									45.2			42.2			40.3	125
130												40.2			38.4	130
135												38.3			36.6	135
140															34.9	140

* adapter · pièce d'adaptateur

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* adapter · pièce d'adaptateur

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49—215 ft T 98 ft N 360° 220500 lbs 85%																	
ft	132 + 11.5 ft*			149 + 11.5 ft*			165 + 11.5 ft*			182 + 11.5 ft*			198 + 11.5 ft*			215 + 11.5 ft*	ft
	98 ft			98 ft			98 ft			98 ft			98 ft			98 ft	
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	
55	39																55
60	38.9																60
65	38.7			29			22.2										65
70	38.6			28.9			22.1			15.8			9.4				70
75	38.5			28.7			22			15.7			9.3			4.1	75
80	38.4			28.6			21.8			15.6			9.2			4	80
85	38.4			28.6			21.7			15.5			9.1			4	85
90	38.4	36.9		28.6			21.7			15.4			9			3.9	90
95	38.4	36.4		28.6	27.8		21.7			15.3			8.9			3.8	95
100	38.4	35.8		28.6	27.8		21.7	20.7		15.2			8.8			3.8	100
105	38.4	35.1		28.6	27.6		21.7	20.5		15.2			8.8			3.7	105
110	38.4	34.2		28.6	27.2		21.7	20.1		15.2	13.9		8.7			3.7	110
115		33.4	29.6	28.6	26.7		21.7	19.7		15.2	13.8		8.7	7.5		3.7	115
120		32.6	28.9		26.1	22.7		19.3			13.7		8.7	7.5		3.7	120
125		31.9	27.7		25.6	22.6		18.9			13.6			7.5			125
130		31.2	26.7		25.1	21.8		18.5			13.3			7.4			130
135			25.8		24.7	21		18.1	15		13			7.4			135
140			25			20.3			14.6		12.7	9.7		7.4			140
145						19.6			14			9.6		7.3			145
150						19			13.5			9.2		7.3			150
155									13			8.8			5.5		155
160												8.4			5.4		160
165															5.2		165
170															4.9		170

* adapter · pièce d'adaptateur

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* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

49 – 199 ft  118 ft   360°  220500 lbs  85% 																
 ft	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			 ft
	118 ft			118 ft			118 ft			118 ft			118 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
50	61.8			57.6												50
55	61.3			57.3			52.3			45.4			39.8			55
60	60.3			57			52			45.3			39.8			60
65	59.2			57			51.7			45.1			39.5			65
70	58.1	57.4		56.3			51.5			45			39.4			70
75	57.2	56.5		55.6	54.9		51.4			44.8			39.3			75
80	56.4	55.4		55	54.1		51.3	50.2		44.7			39.2			80
85	55.6	54.3		54.3	53.3		51.1	50.1		44.7	43.4		39.2			85
90	55.1	53.4	52.7	53.9	52.4		50.7	49.6		44.7	43.2		39.1	38		90
95	54.2	52.5	51.8	53.5	51.7	51	50.4	49		44.7	43.1		39.1	37.9		95
100	52.9	51.8	50.7	52.6	51.1	50.4	49.8	48.5	47.6	44.7	43.1		39.1	37.8		100
105	51.3	51.3	49.8	51.1	50.6	49.5	48.8	48.1	47.3	44.7	43.1		39.1	37.7		105
110	49.7	50.6	49	49.6	50.3	48.7	47.4	47.7	46.6	44.6	43.1	42.4	39.1	37.7		110
115	48	49.6	48.5	48.1	49.6	48.1	46.1	47.5	46	44.2	43.1	42.2	39.1	37.7		115
120		48.3	48.1	46.7	48.5	47.7	44.8	47	45.5	43.4	43.1	41.8	39.1	37.7	36.9	120
125		46.8	47.8		47.3	47.2		45.8	44.9	42.6	43.1	41.4	39.1	37.7	37.1	125
130			46.8		46	45		44.6	42.8		43	39.7	39.1	37.7	37.2	130
135					42.9			43.5	40.8		41.9	38		37.7	35.9	135
140									39		40.2	36.2		37.6	34.3	140
145									37.2			34.6			32.7	145
150												33.1			31.3	150
155												31.7			30	155
160															28.7	160

* adapter · pièce d'adaptateur

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* adapter · pièce d'adaptateur

t_180_54505_00_000

49 – 199 ft 118 ft  360° 220500 lbs 85%																
 ft	132 + 11.5 ft*			149 + 11.5 ft*			165 + 11.5 ft*			182 + 11.5 ft*			198 + 11.5 ft*			 ft
	118 ft			118 ft			118 ft			118 ft			118 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
65	31.8															65
70	31.7			23.2			17.9									70
75	31.5			23.1			17.8			11.6			5.9			75
80	31.4			23			17.7			11.5			5.8			80
85	31.3			22.9			17.6			11.3			5.7			85
90	31.3			22.8			17.6			11.2			5.6			90
95	31.3	30.1		22.8			17.5			11.1			5.5			95
100	31.3	30.1		22.8			17.5			11			5.5			100
105	31.3	30		22.8	22.1		17.4			10.9			5.4			105
110	31.3	29.7		22.8	22.1		17.4	16.3		10.9			5.4			110
115	31.3	29.4		22.8	22.2		17.3	16.2		10.8	9.7		5.3			115
120	31.3	29		22.8	22.1		17.3	16.1		10.8	9.6		5.3	4.2		120
125	31.3	28.5		22.8	22		17.3	16		10.7	9.6		5.3	4.2		125
130	31.3	28	25.1	22.8	21.7		17.3	15.9		10.7	9.5		5.3	4.1		130
135		27.4	24.3	22.8	21.4	18.9	17.3	15.7		10.7	9.4		5.3	4.1		135
140		26.9	23.4		21.1	18.5		15.4			9.4		5.3	4.1		140
145		26.4	22.6		20.7	17.9		15.1			9.4			4.1		145
150		26	21.9		20.4	17.4		14.8	12.2		9.4			4		150
155			21.2		20.2	16.8		14.5	11.8		9.4	7.5		4		155
160			20.6			16.3			11.3		9.4	7.3		4		160
165						15.8			10.9			7		4		165
170						15.4			10.5			6.7		4		170
175									10.1			6.4			3.5	175
180												6.2			3.5	180
185															3.4	185
190															3.2	190

* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

		 49 – 182 ft T			 138 ft N						 360°			 220500 lbs			85%													
 ft	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			132 + 11.5 ft*			149 + 11.5 ft*			165 + 11.5 ft*			182 + 11.5 ft*			 ft		
	138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft					
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°			
55	49.1			46.2																							55			
60	48.7			46																							60			
65	48.7			45.6			41.9			36.6			32.3														65			
70	48.2			45.3			41.7			36.4			32.1			25.9			18.8								70			
75	47.5	46.8		45			41.4			36.3			31.9			25.9			18.7			13.9					75			
80	46.8	46.5		44.9			41.1			36.2			31.7			25.8			18.6			13.8					80			
85	46	45.6		44.7	44.1		40.8			36			31.6			25.7			18.5			13.6			7.8		85			
90	45.3	44.8		44.1	43.6		40.8	39.9		35.9	35.1		31.6			25.6			18.5			13.5			7.7		90			
95	44.3	44.1		43.5	43		40.8	39.8		35.9	35		31.6	30.6		25.5			18.4			13.3			7.6		95			
100	43.2	43.3	42.8	42.7	42.5		40.7	39.8		35.8	34.8		31.6	30.6		25.5	24.6		18.4			13.2			7.5		100			
105	41.6	42.4	42.2	41.5	41.9		40.4	39.8		35.7	34.7		31.6	30.6		25.5	24.6		18.3			13.1			7.4		105			
110	40.1	41.5	41.5	40.1	41.2	41	39.3	39.4		35.7	34.6		31.6	30.5		25.5	24.5		18.3	17.6		13			7.3		110			
115	38.6	40.3	40.8	38.7	40.4	40.4	38.2	39	38.5	35.7	34.6		31.6	30.5		25.5	24.5		18.3	17.6		12.9	11.9		7.3		115			
120	37.2	38.9	39.9	37.3	39.3	39.8	37	38.6	38.1	35.5	34.6		31.6	30.4		25.5	24.4		18.3	17.6		12.8	11.8		7.2	6.2	120			
125	35.9	37.5	38.9	36	38	39.2	35.9	38	37.7	34.8	34.6	33.9	31.6	30.4		25.5	24.3		18.3	17.6		12.7	11.7		7.1	6.2	125			
130	34.6	36.2	37.6	34.8	36.7	38.3	34.7	36.8	37.3	33.9	34.6	34	31.6	30.4	29.6	25.5	24.1		18.3	17.6		12.7	11.7		7.1	6.1	130			
135	33.5	34.9	36.4	33.7	35.5	37.2	33.7	35.7	36.8	33	34.5	33.9	31.5	30.4	29.5	25.5	23.8	21.8	18.3	17.6		12.6	11.6		7.1	6	135			
140		33.7	35.1	32.7	34.3	36.1	32.7	34.6	36.2	32.2	34.1	33.7	31.2	30.4	29.5	25.5	23.6	21.5	18.3	17.6		12.6	11.5		7.1	6	140			
145		32.7	33.9		33.2	34.9		33.6	35.5		33.2	33.5	30.6	30.4	29.5	25.5	23.3	20.8	18.3	17.6		12.6	11.5		7.1	6	145			
150			32.8		32.3	33.8		32.6	34.4		32.4	32.5	30.1	30.4	29.5	25.5	22.9	20.2	18.3	17.5	15.7	12.6	11.5		7.1	5.9	150			
155						32.8			31.7	33.4		31.6	31.2		30.4	29		22.5	19.6	18.3	17.4	15.2	12.6	11.5	10.3	7.1	5.9	155		
160									32.3		30.9	29.9		30.2	28.2		22.2	19		17.2	14.8		11.5	10.1		5.9		160		
165									30.9						28.6		21.8	18.4		17	14.4		11.5	9.7		5.9		165		
170															27.5		25.9		21.7	17.9		16.8	14		5.9	5.5		170		
175																	24.9			17.4		16.7	13.6		5.9	5.4		175		
180																							13.2		8.7	5.9	5.3		180	
185																								12.8		8.3	5.1		185	
190																									12.5		8	4.9		190
195																										7.8		4.7		195
200																											4.5		200	

* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

		 49 – 182 ft			 157 ft						 360°			 220500 lbs			 85%																														
 ft	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			132 + 11.5 ft*			149 + 11.5 ft*			165 + 11.5 ft*			182 + 11.5 ft*						 ft																
	157 ft			157 ft			157 ft			157 ft			157 ft			157 ft			157 ft			157 ft			157 ft																						
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°																				
65	39.3				37.1				34.1																					65																	
70	38.9				36.8				33.9			29.8			26.3															70																	
75	38.6				36.5				33.6			29.6			26.2			21.3			15.1									75																	
80	38.4				36.2				33.4			29.4			26			21.2			15.1									80																	
85	38.2				36				33.2			29.2			25.8			21.2			15			10.4			5.3			85																	
90	37.9	37.5			35.8	35.1			33.1			29.1			25.7			21.1			14.9			10.3			5.2			90																	
95	37.5	37			35.7	35			32.9	32.2		29			25.6			21			14.8			10.1			5.1			95																	
100	37.1	36.5			35.6	34.9			32.8	32.1		29	28.3		25.5			21			14.8			10			5			100																	
105	36.6	36			35.4	34.9			32.8	31.9		28.9	28.2		25.5			20.9			14.7			9.9			4.9			105																	
110	36.3	35.5	34.8		35.3	34.6			32.7	31.8		28.9	28.1		25.5	24.8		20.9			14.7			9.8			4.8			110																	
115	36	35.1	34.5		35.2	34.3	33.6		32.7	31.8		28.8	28		25.5	24.7		20.9	20.1		14.6			9.7			4.7			115																	
120	35.8	34.7	34.2		35	34	33.4		32.7	31.8		28.8	27.9		25.5	24.7		20.9	20		14.6	14		9.6			4.7			120																	
125	35.7	34.3	33.7		34.9	33.7	33.1		32.7	31.8	31.1	28.8	27.8		25.5	24.6		20.9	20		14.5	13.9		9.5			4.6			125																	
130	35.7	34.1	33.2		34.8	33.4	32.7		32.7	31.6	31.1	28.8	27.8	27.2	25.5	24.6		20.9	20		14.5	13.8		9.4	8.6		4.6			130																	
135	35.7	33.8	32.9		34.8	33.2	32.4		32.7	31.5	30.9	28.8	27.8	27.1	25.5	24.6		20.9	19.9		14.5	13.8		9.4	8.5		4.5	3.6		135																	
140	35.7	33.7	32.6		34.8	33	32		32.7	31.4	30.6	28.8	27.8	27	25.5	24.6	23.9	20.9	19.9		14.5	13.7		9.3	8.4		4.5	3.6		140																	
145	35.6	33.7	32.3		34.8	32.9	31.7		32.6	31.4	30.3	28.8	27.8	27	25.5	24.6	23.9	20.9	19.8		14.5	13.6		9.3	8.4		4.5	3.6		145																	
150	35.2	33.7	32		34.8	32.9	31.5		32.6	31.3	30.1	28.8	27.8	27	25.5	24.6	23.8	20.9	19.7	18.2	14.5	13.6		9.3	8.4		4.5	3.5		150																	
155	33.4	33.7	32		34.8	32.9	31.3		32.6	31.3	30	28.8	27.8	27	25.5	24.6	23.8	20.9	19.5	17.8	14.5	13.6	13	9.3	8.4		4.5	3.5		155																	
160		33.7	32		33.5	32.9	31.3		32.6	31.3	29.9	28.8	27.8	27	25.5	24.6	23.8	20.9	19.4	17.4	14.5	13.6	12.9	9.3	8.4		4.5	3.5		160																	
165		33.1	32			32.9	31.2			31.3	29.7		27.8	27	25.5	24.6	23.8	20.9	19.2	16.9	14.5	13.6	12.7	9.3	8.4		4.5	3.5		165																	
170			32			32.9	30.9			31.3	29.1		27.8	26.7	25.5	24.6	23.8	20.9	18.9	16.5	14.5	13.6	12.4	9.3	8.4	8	4.5	3.5		170																	
175							29.8			30.5	28		27.8	25.8		24.6	23.8		18.7	16		13.6	12.1	9.3	8.4	7.7	4.5	3.5		175																	
180											26.9		27.5	24.8		24.6	23.4		18.4	15.6		13.6	11.8		8.4	7.5		3.5		180																	
185											25.9			23.8			22.6		18.3	15.1		13.6	11.5		8.4	7.2		3.5	3.4		185																
190													22.9				21.7		18.2	14.7		13.6	11.2		8.4	6.9		3.5	3.5		190																
195													22				20.9			14.3		13.6	10.8		8.4	6.7		3.5	3.6		195																
200																				13.9			10.5			6.5		3.5	3.5		200																
205																						10.2				6.3			3.4		205																
210																									6				3.2		210																
215																										5.9			3		215																
220																												2.8			220																

* adapter · pièce d'adaptateur

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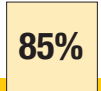
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

		 49 – 165 ft T			 177 ft N						 360°			 220500 lbs			 85%								
 ft	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			132 + 11.5 ft*			149 + 11.5 ft*			165 + 11.5 ft*			 ft
	177 ft			177 ft			177 ft			177 ft			177 ft			177 ft			177 ft			177 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
70	31.8			29.9			27						21.4											70	
75	31.5			29.7			27			24.2			21.4											75	
80	31.2			29.5			27			24.1			21.3											80	
85	30.9			29.3			26.9			23.9			21.2			17.2			11.7					85	
90	30.6			29.1			26.8			23.7			21			17.1			11.6			6.8		90	
95	30.5	30.1		28.9			26.7			23.6			20.9			17.1			11.4			6.7		95	
100	30.4	30		28.7	28.3		26.5	26		23.4			20.7			17			11.3			6.6		100	
105	30.3	30		28.5	28		26.4	26		23.4			20.6			16.9			11.2			6.5		105	
110	30	29.6		28.5	27.8		26.3	25.8		23.3	22.8		20.6			16.8			11			6.4		110	
115	29.7	29.3		28.5	27.8		26.2	25.7		23.3	22.7		20.5	19.9		16.7			10.9			6.3		115	
120	29.5	28.9	28.2	28.4	27.8		26.1	25.5		23.2	22.6		20.5	19.9		16.6	15.8		10.8			6.2		120	
125	29.3	28.6	28	28.4	27.7		26	25.4		23.2	22.5		20.5	19.9		16.5	15.7		10.7			6.1		125	
130	29.1	28.3	27.8	28.3	27.6	27.1	25.9	25.3		23.2	22.5		20.5	19.8		16.4	15.6		10.6	9.9		6		130	
135	28.9	28	27.5	28.2	27.4	26.9	25.9	25.3		23.2	22.4		20.5	19.8		16.3	15.5		10.5	9.8		6	5.2	135	
140	28.8	27.7	27.1	28.1	27.2	26.7	25.9	25.3	24.8	23.2	22.3	21.9	20.5	19.8		16.2	15.4		10.4	9.7		5.9	5.1	140	
145	28.8	27.5	26.8	28.1	27	26.4	25.9	25.3	24.8	23.2	22.3	21.8	20.5	19.7		16.2	15.3		10.4	9.7		5.8	5.1	145	
150	28.8	27.3	26.5	28	26.9	26.2	25.9	25.3	24.8	23.2	22.3	21.7	20.5	19.7	19.2	16.2	15.3		10.4	9.6		5.8	5.1	150	
155	28.8	27.2	26.2	27.9	26.8	26	25.9	25.3	24.6	23.2	22.3	21.6	20.5	19.7	19.2	16.2	15.3		10.4	9.6		5.8	5.1	155	
160	28.8	27.2	26	27.9	26.7	25.8	25.9	25.3	24.5	23.2	22.3	21.6	20.5	19.7	19.1	16.2	15.3	14.8	10.4	9.6		5.8	5.1	160	
165	28.8	27.2	25.9	27.9	26.7	25.6	25.9	25.2	24.3	23.2	22.3	21.6	20.5	19.7	19.1	16.2	15.3	14.7	10.4	9.6		5.8	5.1	165	
170	28.8	27.2	25.8	27.9	26.7	25.4	25.9	25.2	24.2	23.2	22.3	21.6	20.5	19.7	19.1	16.2	15.3	14.5	10.4	9.6		5.8	5.1	170	
175	27.3	27.2	25.8	27.9	26.7	25.4	25.9	25.2	24.1	23.2	22.3	21.6	20.5	19.7	19.1	16.2	15.3	14.2	10.4	9.6	9.6	5.8	5.1	175	
180		27.2	25.8	26.9	26.7	25.3	25.9	25.2	24.1	23.2	22.3	21.6	20.5	19.7	19.1	16.2	15.3	13.8	10.4	9.6	9.7	5.8	5.1	180	
185		26.7	25.8		26.7	25.3		25.2	24.1		22.3	21.6	20.5	19.7	19.1	16.2	15.3	13.5	10.4	9.6	9.6	5.8	5.1	5.1	185
190			25.8		26.7	25.3		25.2	24.1		22.3	21.6	20.5	19.7	19.1	16.2	15.3	13.1	10.4	9.6	9.4	5.8	5.1	5.2	190
195					24.8			25.2	23.5		22.3	21.4		19.7	19.1		15.2	12.8		9.6	9.2	5.8	5.1	5.2	195
200								22.7			22.3	20.8		19.7	19		15.1	12.4		9.6	9		5.1	5.2	200
205											20				18.6		15	12.1		9.6	8.7		5.1	5.1	205
210											19.2				17.9					9.6	8.5		5.1	4.9	210
215															17.3					9.6	8.2		5.1	4.8	215
220																		11			8			4.6	220
225																					7.7			4.4	225
230																								4.2	230
235																								4	235

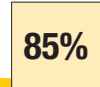
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

		 49 – 165 ft			 197 ft						 360°			 220500 lbs			 85%														
 ft	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			132 + 11.5 ft*			149 + 11.5 ft*			165 + 11.5 ft*			 ft						
	197 ft			197 ft			197 ft			197 ft			197 ft			197 ft			197 ft			197 ft									
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°							
75	25.4			23.9																				75							
80	25.1			23.8			22.1																	80							
85	24.9			23.6			21.9			19.4			17											85							
90	24.7			23.4			21.7			19.2			16.9			12.9				7.6				90							
95	24.4			23.2			21.5			19.1			16.8			12.7				7.5			3.3	95							
100	24.2			23.1			21.3			18.9			16.7			12.5				7.3			3.2	100							
105	24	23.8		22.9			21.2			18.8			16.6			12.4				7.2			3.2	105							
110	23.9	23.6		22.7	22.4		21.1			18.7			16.5			12.2				7.1			3.1	110							
115	23.7	23.5		22.6	22.3		21	20.6		18.6	18.1		16.4			12.1			7			3	115								
120	23.6	23.4		22.5	22.1		20.9	20.5		18.5	18.1		16.3			12				6.9			3	120							
125	23.5	23.3		22.4	21.9		20.8	20.4		18.5	18		16.3	15.9		11.8				6.8			3	125							
130	23.4	23.1	22.4	22.3	21.8		20.7	20.3		18.4	18		16.2	15.8		11.8	11.1			6.7			2.9	130							
135	23.3	22.8	22.3	22.2	21.7		20.6	20.2		18.4	17.9		16.2	15.7		11.7	11			6.7	6		2.9	135							
140	23.2	22.6	22.1	22.1	21.7	21.3	20.6	20		18.3	17.8		16.2	15.7		11.6	10.9			6.7	6		2.9	140							
145	23	22.4	22	22.1	21.6	21.3	20.5	19.9		18.3	17.8		16.2	15.6		11.6	10.8			6.7	5.9		2.9	145							
150	22.9	22.2	21.8	22.1	21.6	21.3	20.5	19.9	19.5	18.3	17.7		16.2	15.6		11.6	10.8			6.6	5.9		2.9	150							
155	22.8	22	21.6	22.1	21.5	21.2	20.4	19.9	19.4	18.3	17.7	17.3	16.2	15.6		11.6	10.8			6.6	5.9		2.9	155							
160	22.8	21.9	21.3	22	21.4	21	20.4	19.9	19.4	18.3	17.6	17.2	16.2	15.6		11.6	10.8			6.6	5.9		2.9	160							
165	22.8	21.8	21.1	22	21.4	20.8	20.4	19.9	19.4	18.3	17.6	17.2	16.2	15.6	15.1	11.6	10.8			6.6	5.9		2.9	165							
170	22.8	21.7	20.8	21.9	21.3	20.7	20.4	19.9	19.4	18.3	17.6	17.1	16.2	15.6	15.1	11.6	10.8			6.6	5.9		2.9	170							
175	22.8	21.7	20.7	21.9	21.2	20.5	20.4	19.9	19.4	18.3	17.6	17	16.2	15.6	15.1	11.6	10.8	10.8		6.6	5.9		2.9	175							
180	22.8	21.7	20.6	21.9	21.2	20.4	20.4	19.9	19.4	18.3	17.6	17	16.2	15.6	15	11.6	10.8	10.9		6.6	5.9		2.9	180							
185	22.8	21.7	20.5	21.9	21.2	20.3	20.4	19.9	19.4	18.3	17.6	17	16.2	15.6	15	11.6	10.8	11		6.6	5.9	6	2.9	185							
190	22.7	21.7	20.5	21.9	21.2	20.3	20.4	19.9	19.3	18.3	17.6	17	16.2	15.6	15	11.6	10.8	11		6.6	5.9	6.2	2.9	190							
195	21.3	21.7	20.5	21.9	21.2	20.3	20.4	19.9	19.3	18.3	17.6	17	16.2	15.6	15	11.6	10.8	11		6.6	5.9	6.3	2.9	195							
200		21.7	20.5	21.1	21.2	20.3	20.4	19.9	19.3	18.3	17.6	17	16.2	15.6	15	11.6	10.8	10.8		6.6	5.9	6.4	2.9	200							
205			20.5		21.2	20.3		19.9	19.3		17.6	17	16.2	15.6	15	11.6	10.8	10.5		6.6	5.9	6.5	2.9	205							
210			20.5			20.3		19.9	19.3		17.6	17		15.6	15		10.8	10.3			5.9	6.6	2.9	210							
215					20.3			19.9	19.3		17.6	17		15.6	15		10.8	10			5.9	6.6	2.9	215							
220								18.9			17.6	16.9		15.6	15		10.8	9.7			5.9	6.6		220							
225												16.6				14.9		10.8	9.4		5.9	6.4		225							
230												15.9				14.7			9		5.9	6.3		230							
235															14.2			8.7			5.9	6.1		235							
240																		8.5				5.9		240							
245																						5.7		245							

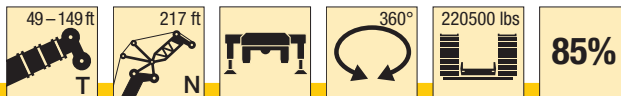
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN



	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			132 + 11.5 ft*			149 + 11.5 ft*			
	217 ft			217 ft			217 ft			217 ft			217 ft			217 ft			217 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
85	20.3			19.3			17.9						13.4									85
90	20.2			19.1			17.7			15.6												90
95	20			18.9			17.5			15.5			13.4			9.1			4.4			95
100	19.8			18.7			17.4			15.4			13.3			8.9			4.3			100
105	19.6			18.6			17.2			15.2			13.1			8.8			4.2			105
110	19.4			18.5			17			15.1			13			8.6			4.1			110
115	19.2	19		18.3			16.9			15			12.8			8.5			4			115
120	19.1	18.9		18.2	18		16.8			14.9			12.7			8.4			3.9			120
125	19	18.7		18.1	17.8		16.8	16.5		14.8			12.5			8.3			3.8			125
130	18.9	18.6		18	17.7		16.7	16.4		14.7	14.4		12.4	11.9		8.2			3.8			130
135	18.8	18.5		17.8	17.5		16.6	16.3		14.6	14.3		12.3	11.8		8.1	7.5		3.7			135
140	18.7	18.4		17.7	17.4		16.5	16.2		14.6	14.2		12.3	11.7		8.1	7.4		3.6	3		140
145	18.6	18.3	17.9	17.6	17.3		16.4	16.1		14.6	14.2		12.3	11.7		8.1	7.3		3.6	3		145
150	18.6	18.2	17.8	17.5	17.1	16.8	16.4	16		14.5	14.1		12.3	11.7		8.1	7.3		3.6	3		150
155	18.5	18	17.7	17.5	17.1	16.8	16.3	15.9		14.5	14.1		12.3	11.7		8.1	7.3		3.6	3.1		155
160	18.4	17.9	17.6	17.5	17.1	16.8	16.3	15.8	15.6	14.5	14		12.3	11.7		8.1	7.3		3.6	3.2		160
165	18.3	17.8	17.5	17.4	17.1	16.8	16.2	15.8	15.5	14.5	14	13.7	12.3	11.7		8.1	7.3		3.6	3.3		165
170	18.3	17.6	17.3	17.4	17.1	16.8	16.2	15.7	15.4	14.5	14	13.6	12.3	11.7		8.1	7.3		3.6	3.3		170
175	18.3	17.5	17.1	17.4	17.1	16.7	16.2	15.6	15.3	14.5	13.9	13.5	12.3	11.7	11.7	8.1	7.3		3.6	3.4		175
180	18.2	17.4	17	17.4	17	16.7	16.2	15.6	15.3	14.5	13.9	13.5	12.3	11.7	11.7	8.1	7.3		3.6	3.5		180
185	18.2	17.4	16.8	17.4	17	16.6	16.2	15.6	15.3	14.5	13.9	13.4	12.3	11.7	11.7	8.1	7.3	7.5	3.6	3.6		185
190	18.1	17.4	16.7	17.4	17	16.5	16.2	15.6	15.3	14.5	13.9	13.4	12.3	11.7	11.7	8.1	7.3	7.5	3.6	3.6		190
195	18.1	17.4	16.6	17.4	17	16.4	16.2	15.6	15.3	14.5	13.9	13.4	12.3	11.7	11.7	8.1	7.3	7.5	3.6	3.7	3.3	195
200	18.1	17.4	16.5	17.4	17	16.3	16.2	15.6	15.3	14.5	13.9	13.4	12.3	11.7	11.6	8.1	7.3	7.5	3.6	3.8	3.3	200
205	18.1	17.4	16.5	17.4	17	16.3	16.2	15.6	15.3	14.5	13.9	13.4	12.3	11.7	11.6	8.1	7.3	7.5	3.6	3.8	3.4	205
210	18.1	17.4	16.5	17.4	17	16.2	16.2	15.6	15.3	14.5	13.9	13.4	12.3	11.7	11.6	8.1	7.3	7.5	3.6	3.8	3.6	210
215	17.5	17.4	16.5	17.4	17	16.2	16.2	15.6	15.3	14.5	13.9	13.4	12.3	11.7	11.6	8.1	7.3	7.5	3.6	3.7	3.7	215
220		17.4	16.5	17.2	17	16.2	16.2	15.6	15.3	14.5	13.9	13.4	12.3	11.7	11.6	8.1	7.3	7.5	3.6	3.7	3.7	220
225			16.5		17	16.2		15.6	15.3		13.9	13.4	12.3	11.7	11.6	8.1	7.3	7.5	3.6	3.7	3.8	225
230			16.5			16.2		15.6	15.3		13.9	13.4		11.7	11.6		7.3	7.5		3.7	3.8	230
235						16.2		15.6	15.3		13.9	13.4		11.7	11.6		7.3	7.5		3.7	3.8	235
240								15.3			13.9	13.4		11.7	11.6		7.3	7.3		3.7	3.7	240
245												13.3			11.6		7.3	7.1		3.7	3.7	245
250															11.6			6.9		3.7	3.7	250
255															11.5			6.7		3.7	3.7	255
260																		6.5		3.7	3.7	260
265																				3.7		265

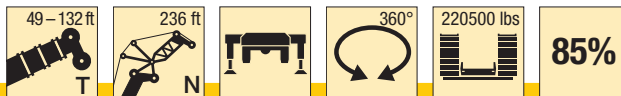
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN



	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			132 + 11.5 ft*			
	236 ft			236 ft			236 ft			236 ft			236 ft			236 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
90	15.9																		90
95	15.8			15.1			13.9			12.2			10						95
100	15.7			15			13.9			12.1			10			6.2			100
105	15.6			14.8			13.7			12			9.8			6			105
110	15.4			14.6			13.6			11.9			9.7			5.9			110
115	15.3			14.5			13.4			11.8			9.5			5.8			115
120	15.1			14.4			13.3			11.7			9.4			5.7			120
125	15	14.5		14.2	13.7		13.2			11.6			9.3			5.6			125
130	14.8	14.5		14.1	13.7		13			11.5			9.1			5.5			130
135	14.7	14.5		14	13.7		12.9	12.7		11.4			9			5.4			135
140	14.6	14.4		13.9	13.7		12.9	12.6		11.3	11		8.9			5.4			140
145	14.5	14.3		13.8	13.6		12.8	12.6		11.3	10.9		8.8	8.5		5.3			145
150	14.4	14.2		13.7	13.5		12.7	12.5		11.2	10.9		8.8	8.5		5.3			150
155	14.3	14.1		13.6	13.4		12.6	12.4		11.2	10.8		8.8	8.6		5.3	4.9		155
160	14.2	14	13.6	13.5	13.3		12.6	12.3		11.1	10.8		8.8	8.6		5.3	4.9		160
165	14.1	13.9	13.6	13.4	13.2	12.8	12.5	12.2		11.1	10.7		8.8	8.6		5.3	5		165
170	14.1	13.8	13.6	13.4	13.1	12.8	12.5	12.2		11.1	10.7		8.8	8.6		5.3	5		170
175	14.1	13.7	13.6	13.3	13.1	12.8	12.5	12.1	11.8	11	10.7		8.8	8.6		5.3	5.1		175
180	14.1	13.6	13.5	13.3	13	12.8	12.4	12.1	11.8	11	10.6	10.3	8.8	8.6		5.3	5.2		180
185	14	13.6	13.3	13.2	12.9	12.7	12.4	12	11.8	11	10.6	10.3	8.8	8.6	8.6	5.3	5.3		185
190	14	13.5	13.2	13.2	12.9	12.7	12.4	11.9	11.7	11	10.5	10.3	8.8	8.6	8.6	5.3	5.3		190
195	14	13.5	13.1	13.2	12.9	12.7	12.4	11.9	11.6	11	10.5	10.2	8.8	8.6	8.6	5.3	5.3	5	195
200	14	13.4	13	13.2	12.9	12.7	12.4	11.9	11.6	11	10.5	10.1	8.8	8.6	8.6	5.3	5.4	5.1	200
205	14	13.4	12.9	13.2	12.9	12.7	12.4	11.9	11.6	11	10.4	10.1	8.8	8.6	8.6	5.3	5.4	5.2	205
210	14	13.4	12.8	13.2	12.9	12.6	12.4	11.9	11.6	11	10.4	10	8.8	8.6	8.6	5.3	5.4	5.3	210
215	14	13.4	12.7	13.2	12.9	12.6	12.4	11.9	11.6	11	10.4	10	8.8	8.6	8.6	5.3	5.4	5.3	215
220	14	13.4	12.7	13.2	12.9	12.6	12.4	11.9	11.6	11	10.4	10	8.8	8.6	8.6	5.3	5.4	5.4	220
225	14	13.4	12.7	13.2	12.9	12.6	12.4	11.9	11.6	11	10.4	10	8.8	8.6	8.6	5.3	5.4	5.4	225
230	14	13.4	12.7	13.2	12.9	12.6	12.4	11.9	11.6	11	10.4	10	8.8	8.6	8.6	5.3	5.3	5.4	230
235	13.9	13.4	12.7	13.2	12.9	12.6	12.4	11.9	11.6	11	10.4	10	8.8	8.6	8.6	5.3	5.3	5.4	235
240		13.4	12.7	13	12.9	12.6	12.4	11.9	11.6	11	10.4	10	8.8	8.6	8.6	5.3	5.3	5.3	240
245			12.7		12.9	12.6		11.9	11.6		10.4	10	8.8	8.6	8.6	5.3	5.3	5.3	245
250			12.7			12.6		11.9	11.6		10.4	10		8.6	8.6		5.3	5.3	250
255						12.6		11.9	11.6		10.4	10		8.6	8.6		5.3	5.3	255
260									11.6			10		8.6	8.6		5.3	5.3	260
265												10			8.6		5.3	5.3	265
270															8.6			5.1	270
275															8.6			4.9	275
280																		4.8	280

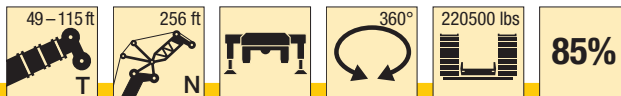
* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TN

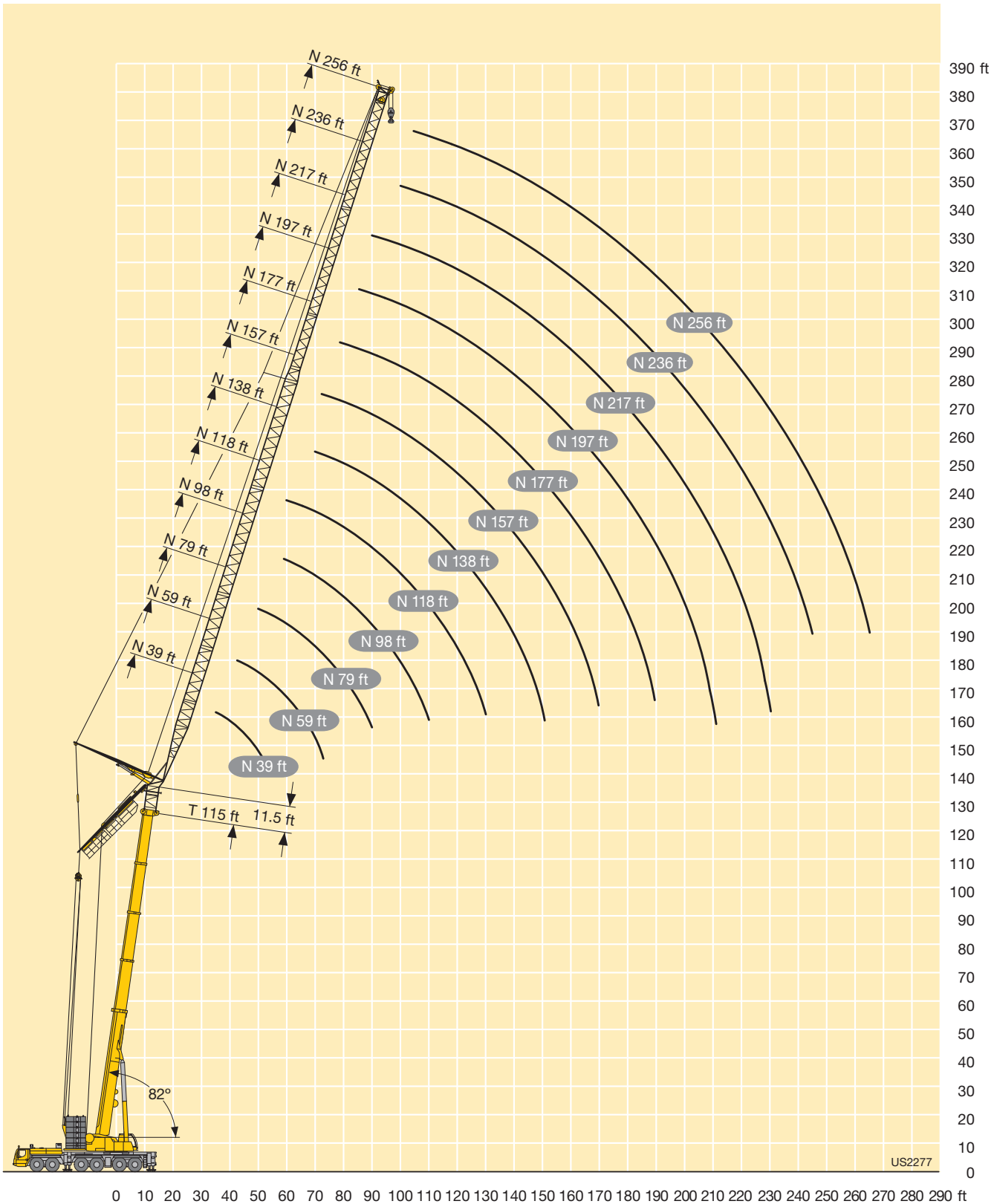


																
	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			
	256 ft			256 ft			256 ft			256 ft			256 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
95	12.5															95
100	12.4			11.7			10.7			9			6.6			100
105	12.4			11.7			10.7			8.9			6.5			105
110	12.3			11.6			10.6			8.7			6.4			110
115	12.1			11.5			10.6			8.6			6.3			115
120	12			11.3			10.5			8.4			6.1			120
125	11.9			11.2			10.4			8.3			6			125
130	11.7			11.1			10.2			8.2			5.9			130
135	11.6	11.2		11			10.1			8.1			5.8			135
140	11.5	11.2		10.9	10.5		10	9.5		8			5.7			140
145	11.4	11.2		10.8	10.5		9.9	9.6		8	7.6		5.7			145
150	11.3	11.1		10.7	10.5		9.8	9.6		7.9	7.6		5.7			150
155	11.2	11		10.6	10.5		9.8	9.5		7.9	7.7		5.7	5.4		155
160	11	10.9		10.5	10.4		9.7	9.5		7.9	7.7		5.7	5.5		160
165	10.9	10.8	10	10.4	10.3		9.6	9.4		7.9	7.8		5.7	5.5		165
170	10.8	10.7	10.2	10.4	10.2		9.6	9.3		7.9	7.8		5.7	5.6		170
175	10.8	10.6	10.2	10.3	10.1	9.4	9.5	9.3		7.9	7.8		5.7	5.6		175
180	10.7	10.6	10.3	10.2	10	9.5	9.5	9.2	8.5	7.9	7.8		5.7	5.7		180
185	10.7	10.5	10.4	10.2	10	9.6	9.5	9.1	8.6	7.9	7.8	7.3	5.7	5.7		185
190	10.7	10.5	10.3	10.1	9.9	9.7	9.4	9.1	8.6	7.9	7.8	7.4	5.7	5.8		190
195	10.6	10.4	10.3	10.1	9.8	9.6	9.4	9	8.7	7.9	7.8	7.5	5.7	5.8		195
200	10.6	10.4	10.2	10.1	9.8	9.5	9.4	8.9	8.6	7.9	7.7	7.5	5.7	5.8	5.6	200
205	10.6	10.3	10	10.1	9.7	9.4	9.4	8.9	8.6	7.9	7.7	7.5	5.7	5.9	5.7	205
210	10.6	10.3	9.9	10.1	9.7	9.4	9.4	8.8	8.6	7.9	7.7	7.5	5.7	5.9	5.8	210
215	10.6	10.2	9.8	10.1	9.7	9.4	9.4	8.8	8.6	7.9	7.7	7.4	5.7	5.9	5.8	215
220	10.5	10.2	9.7	10	9.7	9.4	9.4	8.8	8.5	7.9	7.7	7.4	5.7	5.9	5.8	220
225	10.4	10.2	9.7	10	9.7	9.4	9.4	8.8	8.5	7.9	7.7	7.4	5.7	5.8	5.8	225
230	10.3	10.1	9.6	9.9	9.7	9.4	9.3	8.8	8.5	7.9	7.7	7.4	5.7	5.8	5.8	230
235	10.3	10.1	9.6	9.9	9.7	9.4	9.3	8.8	8.5	7.9	7.7	7.4	5.7	5.8	5.8	235
240	10.3	10.1	9.6	9.9	9.7	9.4	9.3	8.8	8.5	7.9	7.7	7.4	5.7	5.8	5.8	240
245	10.3	10.1	9.6	9.9	9.7	9.4	9.2	8.8	8.5	7.9	7.7	7.4	5.7	5.8	5.8	245
250	10.3	10.1	9.6	9.9	9.7	9.4	9.2	8.8	8.5	7.9	7.7	7.4	5.7	5.8	5.8	250
255	10.3	10.1	9.6	9.9	9.7	9.4	9.2	8.8	8.5	7.9	7.7	7.4	5.7	5.8	5.8	255
260		10.1	9.6		9.7	9.4	9.2	8.8	8.5	7.9	7.7	7.4	5.7	5.8	5.8	260
265			9.6		9.7	9.4		8.8	8.5		7.7	7.4	5.7	5.8	5.8	265
270			9.6			9.4		8.8	8.5		7.7	7.4		5.8	5.8	270
275						9.4		8.8	8.5		7.7	7.4		5.8	5.8	275
280									8.5			7.4		5.8	5.8	280
285												7.4			5.8	285
290															5.8	290
295															5.8	295

* adapter · pièce d'adaptateur

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▲ For reference only.
Operators manual should be consulted and adhered to.



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 Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

        					
	115 + 23 ft*		132 + 23 ft*		149 + 23 ft*
	39 ft**		39 ft**		39 ft**
	82°	75°	82°	82°	
40	122.3				40
42	124.9				42
44	124.8				44
46	123.3		109.9		46
48	120.3		109.2		48
50	117.4		108.5	97.6	50
55			104.5	96.3	55
60					60
65		100.1			65
70		93.2			70

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft
 ** Hookblock with deadweight of 6615 lbs necessary · Moufle à crochet de poids minimal de 6615 lbs nécessaire

t_180_64103_00_000

        					
	115 + 23 ft*		132 + 23 ft*		149 + 23 ft*
	39 ft**		39 ft**		39 ft**
	82°	75°	82°	82°	
40	122.3				40
42	124.9				42
44	124.8				44
46	123.3		109.9		46
48	120.3		109.2		48
50	117.4		108.5	97.6	50
55			104.5	96.3	55
60					60
65		93.9			65
70		87.1			70

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft
 ** Hookblock with deadweight of 6615 lbs necessary · Moufle à crochet de poids minimal de 6615 lbs nécessaire

t_180_64105_00_000

 For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

 115 – 215 ft				 11.5 ft				 59 ft				 360°				 286600 lbs				 85%			
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			 ft	
	59 ft***			59 ft***			59 ft***			59 ft***			59 ft***			59 ft***			59 ft***				
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°		
46	83.5																					46	
48	85.8																					48	
50	88.2																					50	
55	93.4			89.3						72.2												55	
60	97.2			90.1			81.7			71.8												60	
65	97.5			88.6			80.9			70.7			62			53.6						65	
70	93.3	92.8		84.5			79.8			69.6			61.2			52.9			46.7			70	
75		88.5		80.4	77.6		77.6			68			60.3			52.1			46.2			75	
80		83			74.9								59.4			51.3			45.3			80	
85		77.9			70.1		64.6						58.5			50.5			44.3			85	
90		73.4	64.8		66.3		60.9			58.9												90	
95			61.9				57.5			56.7			53.2									95	
100			58.7			47.7				54.5			52			41.1						100	
105						45.1										40.6						105	
110						42.6			37							39.5			34.7			110	
115								35.3			40.7								33.6			115	
120											39.6											120	
125																						125	
130														32.5								130	
135																	18.1					135	
140																				17.8		140	

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64202_00_000

*** Hookblock with deadweight of 3200 lbs necessary · Moufle à crochet de poids minimal de 3200 lbs nécessaire

 115 – 215 ft			 11.5 ft			 59 ft			 360°			 220500 lbs			 85%							
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			 ft
	59 ft***			59 ft***			59 ft***			59 ft***			59 ft***			59 ft***			59 ft***			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
46	83.5																					46
48	85.8																					48
50	88.2																					50
55	93.4			89.3						72.2												55
60	97.2			90.1			81.7			71.8												60
65	97.5			88.6			80.9			70.7			62			53.6						65
70	93.3	84.8		84.5			79.8			69.6			61.2			52.9			46.7			70
75		80.4		80.4	73.9		77.6			68			60.3			52.1			46.2			75
80		75.2			71								59.4			51.3			45.3			80
85		70.5			66.6		62.8						58.5			50.5			44.3			85
90		66.4	57.7		62.8		59.6			55.6												90
95			54.9				56.4			52.7			46									95
100			51.8			47				50			44.5			41.1						100
105					44.4											40.6						105
110					42				37							39			34.7			110
115							35.3			32.3									33.6			115
120										31.4												120
125																						125
130														24.1								130
135																	18.1					135
140																				17.3		140

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64205_00_000

*** Hookblock with deadweight of 3200 lbs necessary · Moufle à crochet de poids minimal de 3200 lbs nécessaire

▲ For reference only.
Operators manual should be consulted and adhered to.

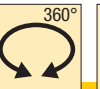
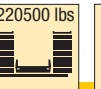
Lifting capacities Forces de levage

TYVEN

		 115 – 215 ft T			 Y			 11.5 ft V			 E			 79 ft N						 360°			 308600 lbs			 85%																	
 ft	115 + 23 ft*						132 + 23 ft*						149 + 23 ft*						165 + 23 ft*						182 + 23 ft*						198 + 23 ft*						215 + 23 ft*						 ft
	79 ft						79 ft						79 ft						79 ft						79 ft						79 ft						79 ft						
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°													
55	70.3																															55											
60	74				71.4																											60											
65	78.2				74.6																											65											
70	80				74.4				67.5				60.3						52.5				46.1									70											
75	79.8	78.9			73				67.2				59.5						52.1				45.6					40.2				75											
80	77.8	77.6			70.7				66.4				58.7						51.4				45					39.9				80											
85	74.4	74.7			67.6	66.2			65.5				57.8						50.7				44.3					39.3				85											
90	71.2	71.9			64.7	63.9			64.2				56.8						49.9				43.6					38.7				90											
95		69.2			61.9	61.5			62.1	61			55	52.4					49.2				43					37.9				95											
100		66.6	58.4			59.3				58.8				51.1					48.5	46.4			42.3					36.9				100											
105		63.9	57			57.1				56.7				49.3					46.3													105											
110		60.9	54.3			55	48.9			54.2				47.5					44.8				38.5									110											
115			51.7				46.8			51.8				45.9					43.4				37.8					30.5				115											
120			49.4				44.3				38.2			44.2					42				36.8					29.9				120											
125							42.1					36.5										35.6						28.9				125											
130							40.1						34.6									34.4						28				130											
135											32.9				35					31.9								27				135											
140														33.5						30.9												140											
145																				29.7				15.8								145											
150																				28.5				15.9								150											
155																							15.9									155											
160																													15.8			160											

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64301_00_000

		 115 – 215 ft						 11.5 ft						 79 ft						 360°			 220500 lbs			 85%				
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			 ft								
	79 ft			79 ft			79 ft			79 ft			79 ft			79 ft			79 ft											
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°									
55	70.3																					55								
60	74			71.4																		60								
65	78.2			74.6						61												65								
70	80			74.4					67.5	60.3				52.5			46.1					70								
75	79.8	77.8		73					67.2	59.5				52.1			45.6			40.2		75								
80	77.8	74.7		70.7					66.4	58.7				51.4			45			39.9		80								
85	74.4	70.1		67.6	66				65.5	57.8				50.7			44.3			39.3		85								
90	71.2	66.1		64.7	62.4				64.2	56.8				49.9			43.6			38.7		90								
95		62.4		61.9	58.9				62.1	54.5		55	49.4	49.2			43			37.9		95								
100		59.1	49.7		55.7				51.7				47.8	48.5	42.3		42.3			36.9		100								
105		56	48.3		52.6				49.2				45.4		41.2							105								
110		53.1	45.8		49.9	41			46.9				43.3		39.3			36.7				110								
115			43.5			39.3			44.7				41.4		37.6			35.3		30.5		115								
120			41.3			37.3				33.7			39.6		36			33.8		29.9		120								
125						35.5				32.2								32.3		28.9		125								
130						33.8				30.9								31		27.8		130								
135										29.6					25.7		21.8			26.7		135								
140															24.7		21.2					140								
145																	20.3		15.8			145								
150																	19.5		15.9			150								
155																			15.9		13.6	155								
160																					13	160								

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64305_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

 115 – 215 ft T			 360°			 308600 lbs			 85%																	
			115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*					
ft			98 ft			98 ft			98 ft			98 ft			98 ft			98 ft			98 ft			ft		
			82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°			
60			58.9																						60	
65			61.1																						65	
70			63.7				61.8					51.2													70	
75			65.7				62.2			56.3		51.2			44.7			39.3							75	
80			66.9				61.9			56.1		50.6			44.5			39.1							80	
85			66.6				61.2			55.6		50			44			38.6			34				85	
90		65	65.6				60			54.9		49.4			43.4			38			33.6				90	
95		63.6	63.5				58	57.2		54.2		48.7			42.9			37.5			33				95	
100		61.4	60.9				55.5	54.9		53.4	52.5	48.1			42.3			36.9			32.5				100	
105		59.1	58.3				53.3	52.8		52.5	51.8	47.4			41.7			36.4			31.9				105	
110		56.9	55.8				51	50.8		50.5	49.9	46.7	45.7		41.1			35.8			31.4				110	
115		50.9	54.8				48.8	48.9		48.6	48.1	45.5	44.5		40.5	39.2		35.2	33.8		30.8				115	
120		48.5	52.8				47.1	44.7		46.4		42.9			39.9	38.6		34.7	33.6		30.2	28.1			120	
125		46.3	50.8				45.4	42.6		44.8		41.4			38			33.1			28				125	
130		44.4	48.8				43.7	40.8		43.3	38.7	40			37.2			32.3			26.9				130	
135		42.5						39.1		41.8	37.3	38.7			36.1			31.4			26				135	
140		40.8						37.4			35.7	37.4	32.5		34.9			30.5			25				140	
145								35.9			34.2		31.1					29.4			24.1				145	
150								34.6			32.9		29.9				27.1		28.3			23.3			150	
155											31.6		28.7				26.1			14.2		22.5			155	
160													27.6				25.1			14.2					160	
165																	24.1			14.1			10.6		165	
170																	23.2			13.8			10.8		170	
175																				13.4			10.9		175	
180																							10.8		180	

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64401_00_000

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64401_00_000

115 – 215 ft		Y		11.5 ft		E		98 ft		360°		220500 lbs		85%								
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			 ft
	98 ft			98 ft			98 ft			98 ft			98 ft			98 ft			98 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
60	58.9																					60
65	61.1																					65
70	63.7																					70
75	65.7																					75
80	66.9																					80
85	66.6																					85
90	65.6	64.3																				90
95	63.5	61.8																				95
100	60.9	58.4																				100
105	58.3	55.4																				105
110	55.8	52.5																				110
115		49.9	42.7																			115
120		47.4	40.5																			120
125		45.1	38.6																			125
130		43	36.8																			130
135			35.1																			135
140			33.5																			140
145																						145
150																						150
155																						155
160																						160
165																						165
170																						170
175																						175
180																						180

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t 180_64405_00_000

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64405_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

		115 – 215 ft						11.5 ft												118 ft									360°						308600 lbs			85%				
ft		115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			ft																			
		118 ft			118 ft			118 ft			118 ft			118 ft			118 ft			118 ft																						
		82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°								
70		50.2																																70								
75		51.8						40																										75								
80		53.4						43.5			41.2																							80								
85		54.5						46.1			42.2						32.5																	85								
90		54.2						46.5			42.2			37.1			32.4																	90								
95		53.6	52.2					46.3			41.8			36.8			32.1																	95								
100		52.6	52.1					45.8			41.4			36.4			31.7																	100								
105		51.1	52.1					45.4			40.9			36			31.3																	105								
110		49.4	51					44.8	43.9		40.4			35.5			30.8																	110								
115		47.8	49.5					44.3	43.6		39.9	38.6		35.1			30.4																	115								
120		46.1	47.9	45.8				43.8	43.2		39.4	38.4		34.6	33.1		29.9	28.4																120								
125		44.6	46.2	45.1				43.3	42.6		38.9	38.1		34.2	33		29.5	28.4																125								
130		43.1	44.7	43.8				42	41.2		38.4	37.6		33.7	32.7		29	28.1																130								
135			43.3	42.2				40.6	39.8		37.7	36.6		33.3	32.4		28.6	27.8																135								
140			41.8	40.5					38.6	34.7			35.5				28.2	27.4																140								
145			40.4	38.8					37.4	33.3			34.3					27.1																145								
150			38.9	37.3					36.2	32			33.3	28.7				26.5																150								
155				35.9					35.1	30.7			32.3	27.6				25.4																155								
160				34.5						29.6			31.3	26.5				24.1																160								
165										28.4				25.5				22.6	8.2															165								
170										27.4				24.5				21	8.4															170								
175										26.4				23.6					8.5															175								
180														22.8																					180							
185																																				185						
190																																				190						
195																																				195						
200																																				200						

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64501_00_000

		 115 – 215 ft T			 Y			 11.5 ft V			 E			 118 ft N						 360°			 220500 lbs			 85%		
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			 ft						
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft			118 ft									
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°							
70	50.2																					70						
75	51.8																					75						
80	53.4																					80						
85	54.5																					85						
90	54.2																					90						
95	53.6	52.2																				95						
100	52.6	52.1																				100						
105	51.1	52.1																				105						
110	49.4	51																				110						
115	47.8	49.3																				115						
120	46.1	47.2	39.3																			120						
125	44.6	45	38.2																			125						
130	43.1	42.9	36.5																			130						
135		41	34.8																			135						
140		39.2	33.2																			140						
145		37.5	31.8																			145						
150		35.9	30.4																			150						
155			29.2																			155						
160			27.9																			160						
165																						165						
170																						170						
175																						175						
180																						180						
185																						185						
190																						190						
195																						195						
200																						200						

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64505_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

		 115 – 215 ft			 11.5 ft			 138 ft			 138 ft			 138 ft			 138 ft			 138 ft			 138 ft			 138 ft			 138 ft			 138 ft			 138 ft			 138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			<		
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* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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 115 – 215 ft			 11.5 ft			 138 ft			 138 ft			 360°			 220500 lbs			 85%				
ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			ft
	138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
75	44.5			40.2																		75
80	45			41			36															80
85	45.3			41.5			37.4															85
90	44.9			41.8			37.9			33.3												90
95	44.2			41.8			38.2			34.4			26.9			26.5			23.5			95
100	43.3	42.5		41.7			38.2			34.7			30			26.5			23.4			100
105	42.2	42.4		41.3			38.1			34.7			30.5			26.4			23.3			105
110	41.1	42.4		40.7	40.5		37.8			34.4			30.3			26.2			23.1			110
115	39.7	41.5		40	40		37.4	36.5		34			30			25.9			22.9			115
120	38.2	40.2		38.9	39.1		37.1	36.4		33.6	32.2		29.7			25.6			22.6			120
125	36.8	38.8		37.5	37.7		36.7	36.1		33.2	32.2		29.3			25.3			22.3			125
130	35.5	37.5		36.2	36.5		36.2	35.8		32.8	31.7		29			24.9			21.9			130
135	34.2	36.3	34.3	34.9	35.2		35.3	34.8		32.5	30.6		28.6	26.9		24.6	23.5		21.6			135
140	33	35	32.9	33.7	34	28.4	34.2	33.5		32.1	29.4		28.3	25.9		24.2	23.3		21.2	19.9		140
145	31.9	33.9	31.4	32.5	32.9	27.3	33.1	32.2		31.7	28.2		27.9	24.9		23.9	23		20.9	19.8		145
150	30.9	32.8	30.1	31.5	31.8	26.2	32	31	23.2	31.4	27.1		27.6	23.9		23.6	22.7		20.5	19.6		150
155		31.6	28.9		30.8	25.2	31	29.9	22.3	31.1	26.1		27.3	22.9		23.3	22.2		20.2	19.1		155
160		30.5	27.7		29.8	24.2		28.8	21.5		25.1	17.2		22.1		23	21.5		19.8	18.6		160
165		29.4	26.5		28.7	23.3		27.8	20.6		24.2	16.5		21.2		20.7			18			165
170		28	25.4		27.7	22.4		26.8	19.9		23.3	15.8		20.5		19.9			17.4			170
175			24.4			21.5		25.7	19.1		22.5	15.2		19.7	12		19.2		16.8			175
180			23.4			20.6			18.5		21.8	14.6		19	11.5		18.5	7.3	16.2			180
185						19.8			17.8			14			11		17.9	7.3	15.6			185
190						19			17.2			13.5			10.5		17.2	7.3	15	7.2		190
195									16.6			13			10.1			7.3	14.5	6.9		195
200												12.5			9.6			7.2		6.5		200
205															9.2			7		6.2		205
210																		6.8		5.9		210
215																				5.6		215
220																				5.3		220

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

		 115 – 215 ft T			 Y			 11.5 ft V			 E			 157 ft N			 360°			 308600 lbs			 85%				
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			 ft					
	157 ft			157 ft			157 ft			157 ft			157 ft			157 ft			157 ft								
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°						
80	35.7			31.7																		80					
85	36.3			32.7																		85					
90	36.6			33.4			30.8															90					
95	36.6			33.9			31.3			27.3			24.3									95					
100	36.4			34.3			31.5			28.2			24.7			22.1						100					
105	36.1			34.5			31.6			28.6			25.1			22.2			19.6			105					
110	35.8	34.5		34.5			31.6			28.8			25.1			22.2			19.6			110					
115	35.5	34.4		34.4	33.2		31.5			28.8			25.1			22.1			19.5			115					
120	35.2	34.3		34.3	33.1		31.3	30.7		28.7			25			22.1			19.4			120					
125	34.9	34.2		34.2	33		31.2	30.6		28.4			24.8			21.9			19.3			125					
130	34.7	34.1		34	33		31	30.4		28.2	27.1		24.6			21.7			19.1			130					
135	34.5	34		33.8	32.9		30.8	30.2		27.9	27		24.3	23.2		21.5			18.8			135					
140	34	33.4	31	33.4	32.3		30.5	30		27.6	26.8		24.1	23.1		21.2	19.9		18.6			140					
145	33.1	32.3	30.5	32.9	31.3		30.2	29.8		27.3	26.6		23.8	22.9		20.9	19.8		18.3			145					
150	31.9	31.3	29.7	31.8	30.3		29.9	29.6		27	26.4		23.5	22.7		20.6	19.6		18	16.7		150					
155	30.8	30.3	28.9	30.6	29.3	27	29.7	29		26.7	26.2		23.2	22.5		20.4	19.4		17.7	16.6		155					
160	29.7	29.3	28.1	29.6	28.4	26.3	29.3	28.2	25.9	26.5	26		23	22.3		20.1	19.2		17.4	16.4		160					
165	28.5	28.4	27.3	28.5	27.5	25.6	28.6	27.3	25.2	26.2	25.7		22.7	22.1		19.8	19.1		17.1	16.2		165					
170	27.2	27.5	26.5	27.4	26.6	24.8	27.6	26.4	24.5	26	25.4	23.1	22.5	21.9		19.5	18.9		16.9	16		170					
175		26.6	25.8		25.8	24.2	26.6	25.6	23.8	25.8	24.7	22.3	22.3	21.7		19.3	18.6		16.6	15.5		175					
180		25.7	25		24.9	23.5		24.8	23.1		24	21.5		21.5	19.6	19.1	18.4		16.3	15.1		180					
185		24.7	24.3		24.1	22.8		24.1	22.5		23.3	20.7		21.2	19.2		18.2			14.6		185					
190		23.4	23.6		23.3	22.2		23.3	21.8		22.7	19.9		20.9	18.6		18			14.2		190					
195			22.9			21.6		22.5	21.2		22	19.2		20.3	17.9		17.6	6		13.8		195					
200			22.2			20.9			20.6		21.4	18.5		19.8	17.3		16.9	6		13.3	6.3	200					
205						20.3			20.1			17.9			16.6		15.9	6		12.9	6.4	205					
210									19.5			17.2			16.1			6		12.5	6.4	210					
215									18.9			16.6			15.5			5.9		12.2	6.4	215					
220												16.1			14.9			5.8			6.3	220					
225															14.4			5.6			6.2	225					
230																		5.2			6.1	230					
235																		4.9			6	235					
240																					5.7	240					

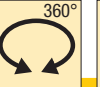
* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

		 115 – 215 ft						 11.5 ft						 157 ft						 360°			 220500 lbs			 85%				
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			 ft								
	157 ft			157 ft			157 ft			157 ft			157 ft			157 ft			157 ft											
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°									
80	35.7			31.7																		80								
85	36.3			32.7																		85								
90	36.6			33.4			30.8															90								
95	36.6			33.9			31.3			27.3			24.3									95								
100	36.4			34.3			31.5			28.2			24.7			22.1						100								
105	36.1			34.5			31.6			28.6			25.1			22.2			19.6			105								
110	35.8	34.5		34.5			31.6			28.8			25.1			22.2			19.6			110								
115	35.5	34.4		34.4	33.2		31.5			28.8			25.1			22.1			19.5			115								
120	35.2	34.3		34.3	33.1		31.3	30.7		28.7			25			22.1			19.4			120								
125	34.9	34.2		34.2	33		31.2	30.6		28.4			24.8			21.9			19.3			125								
130	34.7	34.1		34	33		31	30.4		28.2	27.1		24.6			21.7			19.1			130								
135	34.5	34		33.8	32.9		30.8	30.2		27.9	27		24.3	23.2		21.5			18.8			135								
140	34	33.4	31	33.4	32.3		30.5	30		27.6	26.8		24.1	23.1		21.2	19.9		18.6			140								
145	33.1	32.3	30.5	32.9	31.3		30.2	29.8		27.3	26.5		23.8	22.9		20.9	19.8		18.3			145								
150	31.9	31.3	29.3	31.8	30.3		29.9	29.6		27	26		23.5	22.7		20.6	19.6		18	16.7		150								
155	30.8	30.3	28	30.6	29.3	23.8	29.7	28.8		26.7	25.1		23.2	22.5		20.4	19.4		17.7	16.6		155								
160	29.7	29.3	26.9	29.6	28.4	22.9	29.3	27.8	20.5	26.5	24.2		23	22.2		20.1	19.2		17.4	16.4		160								
165	28.5	28.4	25.7	28.5	27.5	22	28.6	26.8	19.7	26.2	23.3		22.7	21.7		19.8	19		17.1	16.2		165								
170	27.2	27.5	24.7	27.4	26.6	21.2	27.6	25.8	18.9	26	22.4	14.8	22.5	20.9		19.5	18.7		16.9	16		170								
175		26.6	23.7		25.8	20.4	26.6	25	18.2	25.8	21.6	14.2	22.3	20.2		19.3	18		16.6	15.5		175								
180		25.7	22.8		24.9	19.7		24.1	17.5		20.9	13.7		19.4	11.7	19.1	17.3		16.3	15		180								
185		24.7	21.9		24.1	19		23.3	16.8		20.2	13.1		18.8	11.2		16.7			14.4		185								
190		23.4	21		23.3	18.3		22.5	16.2		19.5	12.6		18.1	10.8		16.1			13.9		190								
195			20.2			17.6		21.6	15.7		18.8	12.1		17.5	10.3		15.5	6		13.4	5.6	195								
200			19.5			16.9			15.1		18.2	11.6		16.9	9.9		15	6		12.9	5.3	200								
205						16.2			14.6			11.2			9.5		14.5	6		12.4	5	205								
210									14.1			10.7			9.1			6		11.9	4.7	210								
215									13.6			10.3			8.7			5.9		11.5	4.4	215								
220												9.9			8.3			5.8			4.1	220								
225															8			5.6			3.9	225								
230																		5.2			3.6	230								
235																		4.9			3.4	235								
240																					3.1	240								

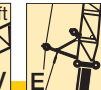
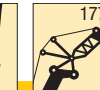
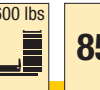
* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

		 115 – 215 ft						 11.5 ft						 177 ft						 360°			 308600 lbs			 85%				
	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*				ft							
	177 ft			177 ft			177 ft			177 ft			177 ft			177 ft			177 ft											
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°									
90	28.5			27.2																		90								
95	28.9			27.5			23.9															95								
100	29.3			27.7			24.6			22.2			16.5									100								
105	29.5			27.8			25			22.7			19			17						105								
110	29.4			27.8			25.3			22.9			19.4			17.3						110								
115	29.3	27.9		27.8			25.5			23.1			19.8			17.6			15.4			115								
120	29.1	27.9		27.8			25.5			23.1			20			17.7			15.5			120								
125	28.8	27.8		27.7	27		25.4			23.1			20.1			17.7			15.5			125								
130	28.6	27.7		27.6	26.9		25.4	25.1		23			20.1			17.6			15.4			130								
135	28.4	27.6		27.5	26.8		25.3	25		22.9	22.2		20.1			17.5			15.3			135								
140	28.2	27.6		27.4	26.8		25.2	24.8		22.8	22.1		19.9			17.4			15.2			140								
145	28	27.6		27.3	26.7		25.1	24.7		22.7	21.9		19.8			17.3			15.1			145								
150	27.9	27.5		27.1	26		24.9	24.5		22.5	21.8		19.7	18.8		17.1	16.1		14.9			150								
155	27.7	27.3	25.4	26.7	25.2		24.7	24.3		22.3	21.6		19.5	18.6		17	15.9		14.7			155								
160	27.6	27.1	25.4	26.1	24.5	21.7	24.6	24.2		22.1	21.5		19.3	18.5		16.8	15.8		14.5	13.2		160								
165	27.4	26.8	25.1	25.2	23.7	21.4	24.4	24		21.9	21.3		19.1	18.3		16.5	15.6		14.2	13.1		165								
170	26.6	25.9	24.4	24.3	22.9	20.8	24.2	23.9	22.2	21.7	21.1		18.9	18.2		16.3	15.5		14	13		170								
175	25.7	25.1	23.8	23.5	22.2	20.2	24	23.6	21.7	21.4	21		18.7	18		16.1	15.3		13.8	12.8		175								
180	24.8	24.4	23.2	22.7	21.5	19.7	23.8	23.1	21.1	21.2	20.8	19.2	18.4	17.8		15.9	15.2		13.5	12.7		180								
185	23.9	23.6	22.6	21.9	20.9	19.2	23.6	22.4	20.5	21	20.6	18.7	18.2	17.7		15.7	15		13.3	12.5		185								
190	22.9	22.9	21.9	21.1	20.2	18.6	23	21.8	20	20.9	20.5	18.2	18	17.5	16.1	15.4	14.8		13.1	12.3		190								
195		22.1	21.3		19.5	18.1	22.2	21.1	19.4	20.8	19.9	17.7	17.9	17.3	15.8	15.3	14.7		12.9	12.1		195								
200		21.4	20.7		18.9	17.6		20.5	18.9		19.3	17.2		17.2	15.5	15.1	14.5	4	12.6	11.8		200								
205		20.6	20.1		18.3	17.1		19.9	18.4		18.7	16.8		17	15.3		14.3	4.2		11.5		205								
210			19.6			16.5		19.3	17.9		18.1	16.3		16.9	14.9		14.2	4.3		11.2	4.5	210								
215			19			16		18.7	17.4		17.6	15.8		16.7	14.4		14	4.4		10.8	4.7	215								
220			18.4			15.6			16.9		17	15.4		16.2	13.9		13.8	4.4		10.5	4.8	220								
225						15.1			16.5			14.9			13.4		13.1	4.4		10.2	4.9	225								
230									16			14.5			12.9			4.4		9.8	4.9	230								
235									15.5			14.1			12.4			4.4		9.5	4.8	235								
240												13.6			11.9			4.2			4.8	240								
245															11.5			4			4.7	245								
250																		3.7			4.6	250								
255																		3.4			4.4	255								
260																					4.1	260								

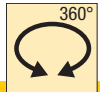
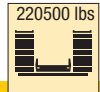
* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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▲ For reference only.
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Lifting capacities Forces de levage

TYVEN

		 115 – 215 ft T			 Y			 11.5 ft V			 E			 177 ft N						 360°			 220500 lbs			 85%		
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			 ft						
	177 ft			177 ft			177 ft			177 ft			177 ft			177 ft			177 ft									
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°							
90	28.5			27.2																		90						
95	28.9			27.5			23.9															95						
100	29.3			27.7			24.6			22.2			16.5									100						
105	29.5			27.8			25			22.7			19			17						105						
110	29.4			27.8			25.3			22.9			19.4			17.3						110						
115	29.3	27.9		27.8			25.5			23.1			19.8			17.6			15.4			115						
120	29.1	27.9		27.8			25.5			23.1			20			17.7			15.5			120						
125	28.8	27.8		27.7	27		25.4			23.1			20.1			17.7			15.5			125						
130	28.6	27.7		27.6	26.9		25.4	25.1		23			20.1			17.6			15.4			130						
135	28.4	27.6		27.5	26.8		25.3	25		22.9	22.2		20.1			17.5			15.3			135						
140	28.2	27.6		27.4	26.8		25.2	24.8		22.8	22.1		19.9			17.4			15.2			140						
145	28	27.6		27.3	26.7		25.1	24.7		22.7	21.9		19.8			17.3			15.1			145						
150	27.9	27.5		27.1	26		24.9	24.5		22.5	21.8		19.7	18.8		17.1	16.1		14.9			150						
155	27.7	27.3	25.4	26.7	25.2		24.7	24.3		22.3	21.6		19.5	18.6		17	15.9		14.7			155						
160	27.6	27.1	25.2	26.1	24.5	21.7	24.6	24.2		22.1	21.5		19.3	18.5		16.8	15.8		14.5	13.2		160						
165	27.4	26.8	24.7	25.2	23.7	21.3	24.4	24		21.9	21.3		19.1	18.3		16.5	15.6		14.2	13.1		165						
170	26.6	25.9	23.7	24.3	22.9	20.5	24.2	23.9	17.9	21.7	21.1		18.9	18.2		16.3	15.5		14	13		170						
175	25.7	25.1	22.8	23.5	22.2	19.8	24	23.6	17.3	21.4	20.9		18.7	18		16.1	15.3		13.8	12.8		175						
180	24.8	24.4	21.8	22.7	21.5	19	23.8	23.1	16.6	21.2	20.4	13.1	18.4	17.8		15.9	15.2		13.5	12.7		180						
185	23.9	23.6	21	21.9	20.9	18.3	23.6	22.4	15.9	21	19.6	12.6	18.2	17.4		15.7	15		13.3	12.5		185						
190	22.9	22.9	20.1	21.1	20.2	17.7	23	21.7	15.3	20.9	18.9	12	18	16.8	9.3	15.4	14.7		13.1	12.3		190						
195		22.1	19.3		19.5	17	22.2	21	14.8	20.8	18.3	11.5	17.9	16.2	8.9	15.3	14.2		12.9	12		195						
200		21.4	18.6		18.9	16.4		20.3	14.2		17.7	11.1		15.6	8.5	15.1	13.7	4	12.6	11.5		200						
205		20.6	17.9		18.3	15.9		19.6	13.7		17.1	10.6		15.1	8.1		13.2	4.2		11.1	3.4	205						
210			17.2			15.3		18.9	13.2		16.5	10.2		14.5	7.7		12.7	4.3		10.6	3.3	210						
215			16.5			14.7		18.2	12.7		16	9.8		14	7.4		12.2	4.4		10.2	3	215						
220			15.9			14.1			12.3		15.5	9.4		13.5	7		11.8	4.4		9.8	2.7	220						
225						13.5			11.8			9			6.7		11.4	4.4		9.4		225						
230									11.4			8.6			6.4			4.4		9		230						
235									11			8.3			6.1			4.3		8.7		235						
240												7.9			5.8			4				240						
245															5.5			3.8				245						
250																		3.5				250						
255																		3.3				255						

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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Lifting capacities Forces de levage

TYVEN

		115 – 215 ft T			Y			11.5 ft V			E			197 ft N			360°			308600 lbs			85%				
ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*			ft					
	197 ft			197 ft			197 ft			197 ft			197 ft			197 ft			197 ft								
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°						
95	22			20.8																		95					
100	22.3			21.1			19			16.3												100					
105	22.5			21.4			19.3			17.1			13.9									105					
110	22.8			21.6			19.6			17.4			14.4									110					
115	23			21.7			19.8			17.6			14.7			11.3						115					
120	23.2			21.8			19.9			17.8			15			12.6						120					
125	23.3			21.9			19.9			18			15.2			12.9						125					
130	23.1			21.9			19.9			18			15.3			13.1			10.6			130					
135	23	22.2		21.9	21.6		19.9			17.9			15.3			13.3			11.4			135					
140	22.8	22.1		21.9	21.6		19.8	20		17.9			15.3			13.3			11.4			140					
145	22.6	22.1		21.8	21.5		19.8	19.9		17.8			15.2			13.3			11.4			145					
150	22.4	22		21.8	21.4		19.7	19.8		17.8	17.5		15.1	14.8		13.3			11.4			150					
155	22.3	21.9		21.7	21.4		19.6	19.6		17.7	17.4		15.1	14.7		13.2			11.3			155					
160	22.1	21.9		21.7	21.3		19.6	19.5		17.6	17.2		15	14.6		13.1	12.3		11.2			160					
165	22	21.7	20.3	21.6	21.2		19.5	19.4		17.5	17.1		14.9	14.5		13.1	12.2		11.1			165					
170	21.9	21.6	20.3	21.6	21.2		19.4	19.2		17.4	17		14.8	14.3		13	12.1		11	9.9		170					
175	21.8	21.5	20.3	21.5	20.7	18.5	19.3	19.1		17.3	16.8		14.7	14.2		12.8	12		10.8	9.8		175					
180	21.7	21.4	20.3	21.3	20.2	18	19.2	19	17.9	17.1	16.7		14.6	14.1		12.7	11.9		10.7	9.7		180					
185	21.6	21.4	20.3	21	19.6	17.5	19	18.8	17.7	17	16.6		14.4	13.9		12.5	11.7		10.5	9.5		185					
190	21.6	21.3	20.1	20.3	19	17.1	18.9	18.7	17.2	16.9	16.4	15.4	14.3	13.8		12.3	11.6		10.3	9.4		190					
195	21.3	20.8	19.6	19.6	18.4	16.6	18.6	18.6	16.7	16.7	16.3	15.2	14.2	13.7		12.2	11.5		10.1	9.3		195					
200	20.7	20.2	19.1	18.9	17.8	16.1	18.3	18.1	16.3	16.6	16.2	14.9	14	13.5	4.2	12	11.3		9.9	9.1		200					
205	20	19.6	18.6	18.3	17.2	15.6	17.9	17.6	15.8	16.4	16.1	14.4	13.9	13.4	4.5	11.9	11.2		9.8	9		205					
210		19	18.1		16.7	15.2	17.5	17.1	15.4	16.2	15.9	14	13.8	13.3	4.8	11.7	11.1		9.6	8.8		210					
215		18.4	17.6		16.2	14.8	17	16.5	14.9	15.8	15.6	13.6	13.6	13.1	4.9	11.6	10.9		9.4	8.7		215					
220		17.8	17.1		15.6	14.3		16	14.5		15.2	13.2		13	5	11.4	10.8		9.3	8.6		220					
225		17.1	16.7		15.1	13.9		15.6	14.1		14.7	12.8		12.9	5		10.7			8.4		225					
230			16.2			13.5		15	13.7		14.2	12.5		12.8	5.1		10.6	2.7		8.3	3	230					
235			15.7			13.1		14.5	13.3		13.7	12.1		12.7	5.1		10.4	2.7		8.1	3.1	235					
240			15.2			12.6			12.9		13.2	11.7		11.8	5		10.3	2.7		8	3.1	240					
245						12.2			12.5			11.3			4.8		10	2.8		7.8	3.2	245					
250									12.1			11			4.5			2.7		7.6	3.2	250					
255									11.8			10.6			4.2			2.7		7.4	3.2	255					
260												10.3			3.8					3.1		260					
265															3.3					3		265					
270																				2.9		270					
275																				2.7		275					

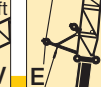
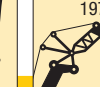
* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64901_00_000

▲ For reference only.
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Lifting capacities Forces de levage

TYVEN

																					
	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*			215 + 23 ft*		
	197 ft			197 ft			197 ft			197 ft			197 ft			197 ft			197 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	
95	22			20.8																	95
100	22.3			21.1			19			16.3											100
105	22.5			21.4			19.3			17.1			13.9								105
110	22.8			21.6			19.6			17.4			14.4								110
115	23			21.7			19.8			17.6			14.7			11.3					115
120	23.2			21.8			19.9			17.8			15			12.6					120
125	23.3			21.9			19.9			18			15.2			12.9					125
130	23.1			21.9			19.9			18			15.3			13.1			10.6		130
135	23	22.2		21.9	21.6		19.9			17.9			15.3			13.3			11.4		135
140	22.8	22.1		21.9	21.6		19.8	20		17.9			15.3			13.3			11.4		140
145	22.6	22.1		21.8	21.5		19.8	19.9		17.8			15.2			13.3			11.4		145
150	22.4	22		21.8	21.4		19.7	19.8		17.8	17.5		15.1	14.8		13.3			11.4		150
155	22.3	21.9		21.7	21.4		19.6	19.6		17.7	17.4		15.1	14.7		13.2			11.3		155
160	22.1	21.9		21.7	21.3		19.6	19.5		17.6	17.2		15	14.6		13.1	12.3		11.2		160
165	22	21.7	20.3	21.6	21.2		19.5	19.4		17.5	17.1		14.9	14.5		13.1	12.2		11.1		165
170	21.9	21.6	20.3	21.6	21.2		19.4	19.2		17.4	17		14.8	14.3		13	12.1		11	9.9	170
175	21.8	21.5	20.3	21.5	20.7	18.4	19.3	19.1		17.3	16.8		14.7	14.2		12.8	12		10.8	9.8	175
180	21.7	21.4	20.3	21.3	20.2	17.8	19.2	19	15.6	17.1	16.7		14.6	14.1		12.7	11.9		10.7	9.7	180
185	21.6	21.4	20.2	21	19.6	17.1	19	18.8	15	17	16.6		14.4	13.9		12.5	11.7		10.5	9.5	185
190	21.6	21.3	19.7	20.3	19	16.4	18.9	18.7	14.4	16.9	16.4	11.1	14.3	13.8		12.3	11.6		10.3	9.4	190
195	21.3	20.8	18.9	19.6	18.4	15.8	18.6	18.6	13.8	16.7	16.3	10.6	14.2	13.7		12.2	11.5		10.1	9.3	195
200	20.7	20.2	18.2	18.9	17.8	15.2	18.3	18.1	13.3	16.6	16.2	10.1	14	13.5	4.2	12	11.3		9.9	9.1	200
205	20	19.6	17.5	18.3	17.2	14.7	17.9	17.6	12.8	16.4	16	9.7	13.9	13.4	4.5	11.9	11.2		9.8	9	205
210		19	16.8		16.7	14.1	17.5	17.1	12.3	16.2	15.7	9.3	13.8	13.3	4.8	11.7	11.1		9.6	8.8	210
215		18.4	16.1		16.2	13.6	17	16.5	11.8	15.8	15.1	8.9	13.6	13.1	4.9	11.6	10.9		9.4	8.7	215
220		17.8	15.5		15.6	13.1	16	11.3		14.6	8.5		12.9	5		11.4	10.6		9.3	8.5	220
225		17.1	14.9		15.1	12.7		15.6	10.9	14.1	8.1		12.6	5			10.2			8.3	225
230			14.3			12.2	15	10.5		13.6	7.7		12.1	5.1			9.8	2.7		7.9	230
235			13.8			11.8		14.5	10.1	13.2	7.4		11.7	5.1			9.4	2.7		7.6	235
240			13.3			11.3			9.7	12.8	7.1		11.3	5			9.1	2.7		7.2	240
245						10.8			9.4			6.7			4.8		8.7			6.9	245
250									9			6.4			4.5					6.6	250
255									8.7			6.1			4.2					6.3	255
260												5.8			3.8						260
265															3.3						265

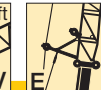
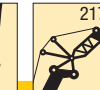
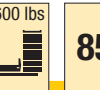
* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64905_00_000

▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

																					
	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*					
	217 ft			217 ft			217 ft			217 ft			217 ft			217 ft					
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°				
95	18.3																	95			
100	18.4			16			15											100			
105	18.5			16.3			15.3			13								105			
110	18.6			16.5			15.4			13.3								110			
115	18.7			16.8			15.6			13.6			9.2				7.8	115			
120	18.8			16.9			15.7			13.7			10.1				8.8	120			
125	18.8			17.1			15.8			13.9			11				9.1	125			
130	18.8			17.2			15.8			14			11.2				9.3	130			
135	18.8			17.3			15.7			14			11.4				9.5	135			
140	18.7	17.7		17.3			15.7			14			11.5				9.7	140			
145	18.5	17.8		17.3	17.1		15.7	15.9		13.9			11.6				9.8	145			
150	18.4	17.8		17.3	17.2		15.6	15.9		13.9			11.7				9.8	150			
155	18.2	17.8		17.3	17.2		15.5	15.9		13.8	13.9		11.7				9.7	155			
160	18.1	17.7		17.3	17.2		15.5	15.8		13.8	13.8		11.6	11.6			9.7	160			
165	18	17.7		17.3	17.2		15.4	15.7		13.7	13.7		11.6	11.4			9.6	165			
170	17.9	17.6		17.2	17.1		15.3	15.6		13.6	13.6		11.5	11.3			9.6	170			
175	17.7	17.5		17.2	17.1		15.3	15.4		13.6	13.5		11.5	11.2			9.5	8.3	175		
180	17.6	17.4	16.2	17.1	17		15.2	15.3		13.5	13.4		11.4	11.1			9.5	8.4	180		
185	17.6	17.3	16.2	17	17	15.3	15.1	15.2		13.4	13.3		11.4	11			9.4	8.4	185		
190	17.5	17.1	16.2	16.8	16.9	15.5	14.9	15.1	14.1	13.3	13.2		11.3	10.9			9.3	8.4	190		
195	17.4	17.1	15.9	16.7	16.8	15	14.7	15	14.1	13.2	13.1		11.2	10.8			9.2	8.4	195		
200	17.3	16.8	15.5	16.5	16.5	14.6	14.5	14.9	13.8	13.1	12.9		11.1	10.7			9.1	8.3	200		
205	17.1	16.4	15.1	16.3	16.1	14.2	14.3	14.8	13.4	13	12.8	10.6	11	10.6			9	8.1	205		
210	16.6	15.9	14.7	16.1	15.5	13.8	14.1	14.7	13	12.9	12.7	10.7	10.9	10.5			8.9	8	210		
215	16	15.4	14.2	15.9	15.1	13.4	13.8	14.4	12.6	12.7	12.6	10.8	10.8	10.4			8.8	7.9	215		
220	15.4	14.9	13.8	15.6	14.6	13	13.5	13.9	12.2	12.4	12.5	10.8	10.7	10.3			8.7	7.7	220		
225	14.8	14.4	13.5	15.2	14.1	12.7	13.1	13.5	11.9	12.1	12.5	10.7	10.5	10.2	3.2		8.6	7.4	225		
230		13.9	13.1		13.7	12.3	12.8	13	11.5	11.7	12.3	10.5	10.2	10.1	3.3		8.5	7.1	230		
235		13.4	12.7		13.2	11.9	12.4	12.6	11.1	11.3	12	10.1	9.8	10	3.4		8.1	6.8	235		
240		12.9	12.3		12.7	11.5		12.2	10.7		11.6	9.8		9.9	3.4		7.7	6.3	240		
245			11.9		12.3	11.1		11.8	10.4		11.2	9.5		9.8	3.5			5.8	245		
250			11.5			10.8		11.4	10.1		10.8	9.1		9.8	3.5			5.3	250		
255			11.1			10.4		10.8	9.8		10.5	8.8		9.7	3.4			4.8	255		
260			10.7			10.1			9.4		10	8.5		9.2	3.3			4.2	260		
265						9.7			9.1			8.2			3.1			3.5	265		
270									8.7			7.8							270		
275									8.2										275		
280												6.2							280		

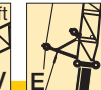
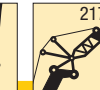
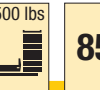
* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

																					
	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*			198 + 23 ft*					
	217 ft			217 ft			217 ft			217 ft			217 ft			217 ft					
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°				
95	18.3																			95	
100	18.4				16				15											100	
105	18.5				16.3				15.3				13							105	
110	18.6				16.5				15.4				13.3							110	
115	18.7				16.8				15.6				13.6			9.2			7.8	115	
120	18.8				16.9				15.7				13.7			10.1			8.8	120	
125	18.8				17.1				15.8				13.9			11			9.1	125	
130	18.8				17.2				15.8				14			11.2			9.3	130	
135	18.8				17.3				15.7				14			11.4			9.5	135	
140	18.7	17.7			17.3				15.7				14			11.5			9.7	140	
145	18.5	17.8			17.3	17.1			15.7	15.9			13.9			11.6			9.8	145	
150	18.4	17.8			17.3	17.2			15.6	15.9			13.9			11.7			9.8	150	
155	18.2	17.8			17.3	17.2			15.5	15.9			13.8	13.9		11.7			9.7	155	
160	18.1	17.7			17.3	17.2			15.5	15.8			13.8	13.8		11.6	11.6		9.7	160	
165	18	17.7			17.3	17.2			15.4	15.7			13.7	13.7		11.6	11.4		9.6	165	
170	17.9	17.6			17.2	17.1			15.3	15.6			13.6	13.6		11.5	11.3		9.6	170	
175	17.7	17.5			17.2	17.1			15.3	15.4			13.6	13.5		11.5	11.2		9.5	8.3	175
180	17.6	17.4	16.2		17.1	17			15.2	15.3			13.5	13.4		11.4	11.1		9.5	8.4	180
185	17.6	17.3	16.2	17	17	15.3	15.1	15.2					13.4	13.3		11.4	11		9.4	8.4	185
190	17.5	17.1	16.2	16.8	16.9	15.2	14.9	15.1	13.5	13.3	13.2					11.3	10.9		9.3	8.4	190
195	17.4	17.1	15.9	16.7	16.8	14.7	14.7	15	12.9	13.2	13.1					11.2	10.8		9.2	8.4	195
200	17.3	16.8	15.5	16.5	16.5	14.1	14.5	14.9	12.4	13.1	12.9	9.3	11.1	10.7					9.1	8.3	200
205	17.1	16.4	15.1	16.3	16.1	13.6	14.3	14.8	11.9	13	12.8	8.9	11	10.6					9	8.1	205
210	16.6	15.9	14.7	16.1	15.5	13	14.1	14.7	11.4	12.9	12.7	8.5	10.9	10.5					8.9	8	210
215	16	15.4	14.2	15.9	15.1	12.5	13.8	14.4	10.9	12.7	12.6	8.1	10.8	10.4					8.8	7.9	215
220	15.4	14.9	13.8	15.6	14.6	12	13.5	13.9	10.5	12.4	12.5	7.7	10.7	10.3					8.7	7.7	220
225	14.8	14.4	13.5	15.2	14.1	11.6	13.1	13.5	10.1	12.1	12.5	7.3	10.5	10.2	3.2				8.6	7.4	225
230		13.9	13.1		13.7	11.2	12.8	13	9.6	11.7	12.3	6.9	10.2	10.1	3.3				8.5	7.1	230
235		13.4	12.7		13.2	10.7	12.4	12.6	9.2	11.3	12	6.6	9.8	10	3.4				8.1	6.8	235
240		12.9	12.3		12.7	10.3		12.2	8.9		11.6	6.3		9.9	3.4				7.7	6.3	240
245			11.9		12.3	9.9		11.8	8.5		11.2	6		9.8	3.5					5.8	245
250			11.5			9.5		11.4	8.2		10.8	5.7		9.5	3.5					5.3	250
255			11.1			9.2		10.8	7.8		10.5	5.4		9.1	3.4					4.8	255
260			10.7			8.8			7.5		10	5.1		8.8	3.2					4.2	260
265						8.5			7.2			4.8			2.9					3.5	265
270									6.9			4.5									270
275									6.6			4.3									275
280												4									280

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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Lifting capacities Forces de levage

TYVEN

115 – 198 ft T Y 11.5 ft V E 236 ft N 360° 308600 lbs 85%																	
ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*		198 + 23 ft*		ft
	236 ft			236 ft			236 ft			236 ft			236 ft		236 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	82°	75°	
100	14.3																100
105	14.3			12.3			11.3										105
110	14.4			12.4			11.6										110
115	14.5			12.6			11.8			9.7			6.7				115
120	14.6			12.8			12			10.1			7.3				120
125	14.6			13			12.1			10.3			7.7		4.9		125
130	14.7			13.1			12.2			10.5			8.2		5.7		130
135	14.6			13.2			12.2			10.7			8.4		6.3		135
140	14.5			13.3			12.3			10.7			8.5		6.7		140
145	14.5	13.2		13.4			12.3			10.8			8.7		6.9		145
150	14.4	13.4		13.4			12.3			10.8			8.7		7		150
155	14.3	13.5		13.4	12.8		12.2			10.8			8.8		7.1		155
160	14.3	13.6		13.4	13		12.2	12.2		10.8			8.8		7.2		160
165	14.2	13.7		13.5	13.1		12.1	12.4		10.7	10.9		8.8		7.2		165
170	14.1	13.8		13.5	13.2		12.1	12.4		10.7	10.8		8.7	8.9	7.2		170
175	14	13.7		13.4	13.3		12	12.3		10.6	10.7		8.7	8.8	7.1		175
180	13.9	13.7		13.4	13.3		11.9	12.3		10.6	10.7		8.7	8.7	7.1	6.2	180
185	13.8	13.6	11.7	13.3	13.3		11.8	12.2		10.5	10.6		8.6	8.6	7.1	6.3	185
190	13.7	13.5	11.9	13.2	13.2		11.7	12.1		10.5	10.5		8.6	8.5	7	6.3	190
195	13.6	13.5	12.1	13	13.2		11.6	12		10.4	10.4		8.5	8.4	7	6.4	195
200	13.5	13.4	12.3	12.9	13.1	11.4	11.5	11.9		10.4	10.3		8.5	8.3	6.9	6.4	200
205	13.4	13.3	12.4	12.8	13	11.6	11.3	11.8	10.6	10.3	10.2		8.4	8.2	6.9	6.4	205
210	13.3	13.3	12.5	12.7	13	11.8	11.2	11.8	10.7	10.1	10.1	7.9	8.4	8.1	6.8	6.4	210
215	13.2	13.2	12.5	12.5	12.9	11.9	11	11.7	10.8	10	10	8	8.3	8.1	6.7	6.3	215
220	13	13.2	12.4	12.4	12.9	11.7	10.8	11.6	10.7	9.8	9.9	8.2	8.2	8	6.6	6.2	220
225	12.9	13.1	12.2	12.2	12.8	11.3	10.6	11.5	10.6	9.7	9.8	8.3	8.1	7.9	6.6	6.1	225
230	12.8	13	11.8	12.1	12.7	11	10.4	11.5	10.2	9.5	9.8	8.4	8.1	7.8	6.5	6	230
235	12.7	12.5	11.4	11.9	12.3	10.7	10.1	11.4	9.9	9.3	9.7	8.4	7.8	7.7	6.4	5.8	235
240	12.5	12.1	11.1	11.8	11.9	10.3	9.9	11.2	9.6	9	9.6	8.3	7.6	7.6	6.2	5.6	240
245	12.1	11.7	10.8	11.6	11.4	10	9.6	10.8	9.3	8.7	9.6	8.1	7.3	7.6	6	5.4	245
250		11.3	10.5		11	9.7	9.4	10.5	9	8.5	9.5	7.9	7	7.5	5.7	5.2	250
255		10.9	10.1		10.6	9.4	9	10.1	8.6	8.2	9.5	7.7	6.7	7.4	5.4	4.8	255
260		10.4	9.8		10.3	9.1		9.7	8.3		9.2	7.5		7.4	5	4.4	260
265			9.4		9.8	8.8		9.4	8.1		8.9	7.2		7		3.9	265
270			9.1			8.5		9	7.8		8.5	7		6.3		3.5	270
275			8.8			8.1		8.5	7.6		8.2	6.8		5.4		3.1	275
280			8.4			7.9			7.3		7.8	6.6		4.5			280
285						7.6			7.1			6.3					285
290									6.8			6					290
295									6.4			5.6					295
300												4.7					300

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_65101_00_000

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Lifting capacities Forces de levage

TYVEN

115 – 182 ft 11.5 ft 236 ft 360° 220500 lbs 85%																	
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*		198 + 23 ft*		 ft
	236 ft			236 ft			236 ft			236 ft			236 ft		236 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	82°	75°	
100	14.3																100
105	14.3			12.3			11.3										105
110	14.4			12.4			11.6										110
115	14.5			12.6			11.8			9.7			6.7				115
120	14.6			12.8			12			10.1			7.3				120
125	14.6			13			12.1			10.3			7.7		4.9		125
130	14.7			13.1			12.2			10.5			8.2		5.7		130
135	14.6			13.2			12.2			10.7			8.4		6.3		135
140	14.5			13.3			12.3			10.7			8.5		6.7		140
145	14.5	13.2		13.4			12.3			10.8			8.7		6.9		145
150	14.4	13.4		13.4			12.3			10.8			8.7		7		150
155	14.3	13.5		13.4	12.8		12.2			10.8			8.8		7.1		155
160	14.3	13.6		13.4	13		12.2	12.2		10.8			8.8		7.2		160
165	14.2	13.7		13.5	13.1		12.1	12.4		10.7	10.9		8.8		7.2		165
170	14.1	13.8		13.5	13.2		12.1	12.4		10.7	10.8		8.7	8.9	7.2		170
175	14	13.7		13.4	13.3		12	12.3		10.6	10.7		8.7	8.8	7.1		175
180	13.9	13.7		13.4	13.3		11.9	12.3		10.6	10.7		8.7	8.7	7.1	6.2	180
185	13.8	13.6	11.7	13.3	13.3		11.8	12.2		10.5	10.6		8.6	8.6	7.1	6.3	185
190	13.7	13.5	11.9	13.2	13.2		11.7	12.1		10.5	10.5		8.6	8.5	7	6.3	190
195	13.6	13.5	12.1	13	13.2		11.6	12		10.4	10.4		8.5	8.4	7	6.4	195
200	13.5	13.4	12.3	12.9	13.1	11.4	11.5	11.9		10.4	10.3		8.5	8.3	6.9	6.4	200
205	13.4	13.3	12.4	12.8	13	11.6	11.3	11.8	10.6	10.3	10.2	7.5	8.4	8.2	6.9	6.4	205
210	13.3	13.3	12.5	12.7	13	11.8	11.2	11.8	10.4	10.1	10.1	7.4	8.4	8.1	6.8	6.4	210
215	13.2	13.2	12.5	12.5	12.9	11.5	11	11.7	9.9	10	10	7	8.3	8.1	6.7	6.3	215
220	13	13.2	12.4	12.4	12.9	11	10.8	11.6	9.5	9.8	9.9	6.6	8.2	8	6.6	6.2	220
225	12.9	13.1	12.2	12.2	12.8	10.6	10.6	11.5	9	9.7	9.8	6.3	8.1	7.9	6.6	6.1	225
230	12.8	13	11.8	12.1	12.7	10.2	10.4	11.5	8.6	9.5	9.8	5.9	8.1	7.8	6.5	6	230
235	12.7	12.5	11.4	11.9	12.3	9.7	10.1	11.4	8.3	9.3	9.7	5.6	7.8	7.7	6.4	5.8	235
240	12.5	12.1	11.1	11.8	11.9	9.3	9.9	11.2	7.9	9	9.6	5.3	7.6	7.6	6.2	5.6	240
245	12.1	11.7	10.8	11.6	11.4	9	9.6	10.8	7.5	8.7	9.6	5	7.3	7.6	6	5.4	245
250		11.3	10.5		11	8.6	9.4	10.5	7.2	8.5	9.5	4.7	7	7.5	5.7	5.2	250
255		10.9	10.1		10.6	8.2	9	10.1	6.9	8.2	9.5	4.4	6.7	7.4	5.4	4.8	255
260		10.4	9.8		10.3	7.9		9.7	6.5		9.2	4.1		7.4	5	4.4	260
265			9.4		9.8	7.6		9.4	6.2		8.9	3.8		7		3.9	265
270			9.1			7.3		9	5.9		8.5	3.6		6.3		3.5	270
275			8.8			7		8.5	5.7		8.2	3.3		5.4		3.1	275
280			8.4			6.7			5.4		7.8	3.1		4.5			280
285						6.4			5.1			2.9					285
290									4.9								290
295									4.6								295

* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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▲ For reference only.
Operators manual should be consulted and adhered to.

Lifting capacities Forces de levage

TYVEN

115 – 182 ft T Y 11.5 ft V E 256 ft N 360° 308600 lbs 85%															
 ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*		 ft
	256 ft			256 ft			256 ft			256 ft			256 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	
105	10.7														105
110	10.7														110
115	10.8			10			8.1								115
120	10.9			10.1			8.4			6.4					120
125	10.9			10.1			8.5			6.7			3		125
130	10.9			10.2			8.7			6.9			3.4		130
135	10.8			10.2			8.8			7.2			3.8		135
140	10.7			10.2			8.9			7.4			4.3		140
145	10.7			10.2			8.9			7.5			4.7		145
150	10.6			10.2			9			7.6			5.2		150
155	10.6	10		10.1			9			7.6			5.5		155
160	10.5	10.1		10.1	9.5		9			7.7			5.7		160
165	10.4	10.3		10	9.7		9	8.9		7.7			5.8		165
170	10.4	10.3		9.9	9.8		8.9	9.1		7.7			5.9		170
175	10.3	10.4		9.8	10		8.8	9.2		7.7	8		5.9	6.3	175
180	10.3	10.5		9.8	10.1		8.7	9.2		7.7	7.9		5.9	6.3	180
185	10.2	10.5		9.7	10.1		8.6	9.2		7.6	7.9		5.9	6.2	185
190	10.1	10.5		9.6	10.2		8.6	9.2		7.6	7.8		5.9	6.1	190
195	10	10.5		9.5	10.2		8.4	9.1		7.6	7.7		5.9	6.1	195
200	9.9	10.4	8.7	9.4	10.2		8.3	9.1		7.5	7.6		5.9	6	200
205	9.9	10.4	8.9	9.3	10.1		8.2	9		7.4	7.6		5.9	5.9	205
210	9.8	10.3	9	9.2	10.1		8.1	8.9	7.6	7.3	7.5		5.9	5.8	210
215	9.7	10.2	9.2	9.1	10		7.9	8.8	7.7	7.2	7.4		5.9	5.8	215
220	9.6	10.2	9.2	9	9.9		7.8	8.8	7.9	7	7.3		5.8	5.7	220
225	9.5	10.1	9.3	8.9	9.9		7.6	8.7	8	6.9	7.3	5.6	5.7	5.6	225
230	9.4	10	9.4	8.7	9.8		7.5	8.6	8	6.7	7.2	5.8	5.5	5.6	230
235	9.3	9.8	9.4	8.6	9.6		7.3	8.6	8	6.5	7.1	5.9	5.4	5.5	235
240	9.2	9.8	9.4	8.5	9.3		7.1	8.5	8	6.4	7	6	5.2	5.4	240
245	9.1	9.8	9.4	8.4	8.9	7.4	6.9	8.5	7.9	6.2	7	6.1	5	5.4	245
250	9	9.8	9.1	8.3	8.6	7.2	6.7	8.4	7.7	6	6.9	6.1	4.8	5.3	250
255	8.9	9.8	8.8	8.1	8.3	7	6.5	8.4	7.4	5.8	6.9	6.1	4.6	5.2	255
260	8.8	9.5	8.5	8	7.9	6.7	6.3	8.4	7.2	5.6	6.8	6	4.4	5.2	260
265	8.7	9.1	8.3	7.9	7.6	6.5	6.1	8.2	6.9	5.4	6.8	6	4.2	5.1	265
270		8.8	8		7.3	6.1		8	6.7	5.1	6.7	5.9	3.9	5.1	270
275		8.4	7.7		7	4.8		7.7	6.5	4.8	6.7	5.7	3.7	5	275
280		8	7.5		6.5	3.6		7.4	6.3		6.7	5.5		5	280
285			7.2		6.2			7.2	6.1		6.6	5.3		5	285
290			7					6.9	5.8		6.4	5.1		4.9	290
295			6.7					6.5	5.6		6.2	4.9		4.9	295
300			6.4						5.4		5.9	4.7		4.9	300
305									5.2			4.5			305
310									5						310

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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▲ For reference only.
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Lifting capacities Forces de levage

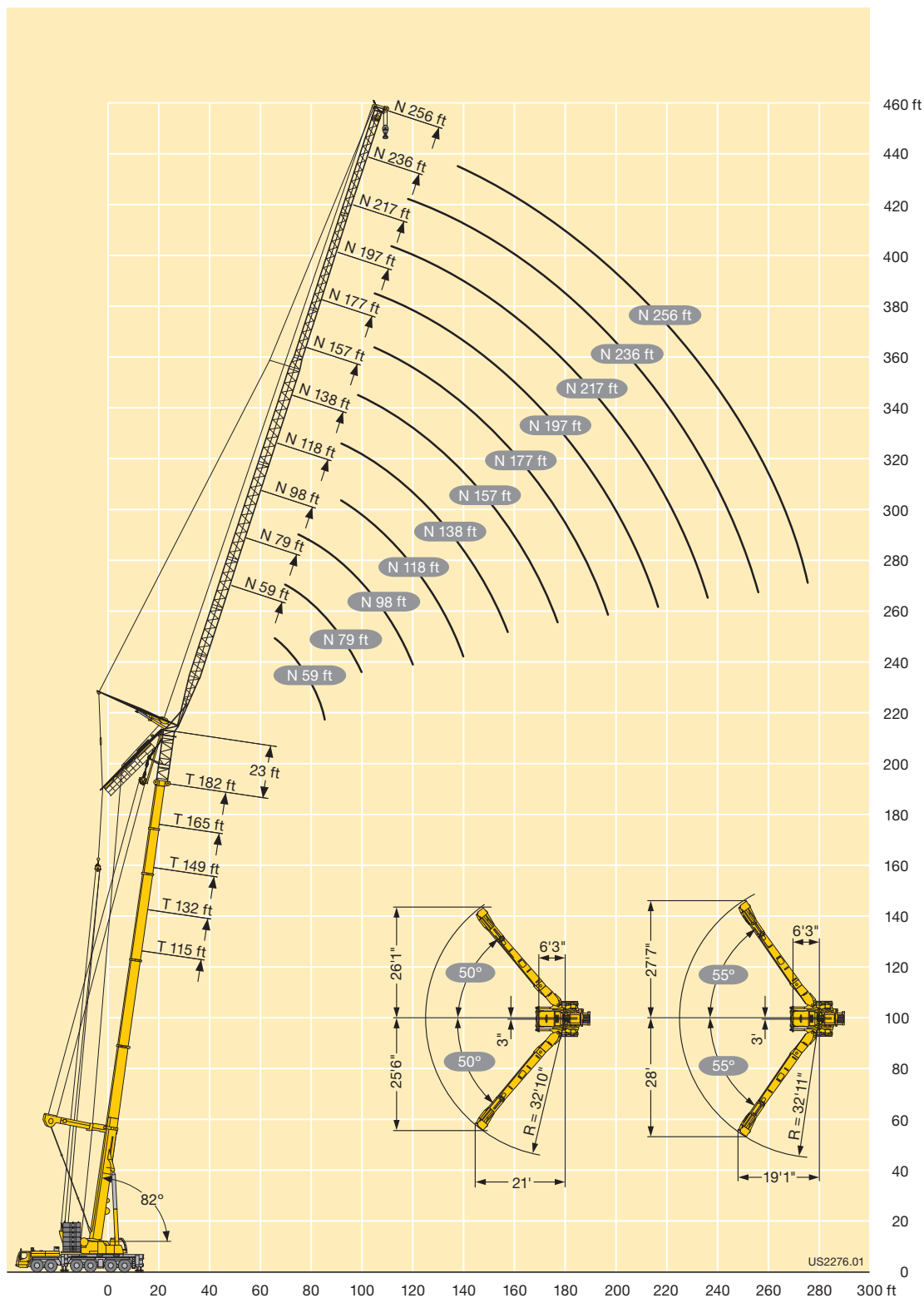
TYVEN

115 – 182 ft T Y 11.5 ft V E 256 ft N 360° 220500 lbs 85%															
ft	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*		ft
	256 ft			256 ft			256 ft			256 ft			256 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	
105	10.7														105
110	10.7														110
115	10.8			10			8.1								115
120	10.9			10.1			8.4			6.4					120
125	10.9			10.1			8.5			6.7			3		125
130	10.9			10.2			8.7			6.9			3.4		130
135	10.8			10.2			8.8			7.2			3.8		135
140	10.7			10.2			8.9			7.4			4.3		140
145	10.7			10.2			8.9			7.5			4.7		145
150	10.6			10.2			9			7.6			5.2		150
155	10.6	10		10.1			9			7.6			5.5		155
160	10.5	10.1		10.1	9.5		9			7.7			5.7		160
165	10.4	10.3		10	9.7		9	8.9		7.7			5.8		165
170	10.4	10.3		9.9	9.8		8.9	9.1		7.7			5.9		170
175	10.3	10.4		9.8	10		8.8	9.2		7.7	8		5.9	6.3	175
180	10.3	10.5		9.8	10.1		8.7	9.2		7.7	7.9		5.9	6.3	180
185	10.2	10.5		9.7	10.1		8.6	9.2		7.6	7.9		5.9	6.2	185
190	10.1	10.5		9.6	10.2		8.6	9.2		7.6	7.8		5.9	6.1	190
195	10	10.5		9.5	10.2		8.4	9.1		7.6	7.7		5.9	6.1	195
200	9.9	10.4	8.7	9.4	10.2		8.3	9.1		7.5	7.6		5.9	6	200
205	9.9	10.4	8.9	9.3	10.1		8.2	9		7.4	7.6		5.9	5.9	205
210	9.8	10.3	9	9.2	10.1		8.1	8.9	7.6	7.3	7.5		5.9	5.8	210
215	9.7	10.2	9.2	9.1	10		7.9	8.8	7.7	7.2	7.4		5.9	5.8	215
220	9.6	10.2	9.2	9	9.9		7.8	8.8	7.9	7	7.3	5.2	5.8	5.7	220
225	9.5	10.1	9.3	8.9	9.9		7.6	8.7	7.8	6.9	7.3	5	5.7	5.6	225
230	9.4	10	9.4	8.7	9.8		7.5	8.6	7.4	6.7	7.2	4.7	5.5	5.6	230
235	9.3	9.8	9.4	8.6	9.6		7.3	8.6	7	6.5	7.1	4.4	5.4	5.5	235
240	9.2	9.8	9.4	8.5	9.3		7.1	8.5	6.7	6.4	7	4	5.2	5.4	240
245	9.1	9.8	9.4	8.4	8.9	7.4	6.9	8.5	6.3	6.2	7	3.7	5	5.4	245
250	9	9.8	9.1	8.3	8.6	7.2	6.7	8.4	6	6	6.9	3.5	4.8	5.3	250
255	8.9	9.8	8.8	8.1	8.3	7	6.5	8.4	5.7	5.8	6.9	3.2	4.6	5.2	255
260	8.8	9.5	8.5	8	7.9	6.7	6.3	8.4	5.4	5.6	6.8	2.9	4.4	5.2	260
265	8.7	9.1	8.3	7.9	7.6	6.5	6.1	8.2	5.1	5.4	6.8		4.2	5.1	265
270		8.8	8		7.3	6.1		8	4.8	5.1	6.7		3.9	5.1	270
275		8.4	7.7		7	4.8		7.7	4.5	4.8	6.7		3.7	5	275
280		8	7.5		6.5	3.6		7.4	4.2		6.7			5	280
285			7.2		6.2			7.2	4		6.6			5	285
290			7					6.9	3.7		6.4			4.9	290
295			6.7					6.5	3.5		6.1			4.7	295
300			6.4						3.2		5.8			4.4	300
305									3						305
310									2.8						310

* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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▲ For reference only.
Operators manual should be consulted and adhered to.



Angle of the Y-suspension between 50° and 55° depending on the extension condition of the individual telescopic sections.
Angle du haubannage Y entre 50° et 55°, en fonction de l'état de sortie des différents éléments télescopiques.

▲ For reference only.
Operators manual should be consulted and adhered to.

Crane carrier

Frame	Self-manufactured, torsion-resistant box-type design of high-tensile fine grained structural steel.
Outriggers	4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display
Engine	8-cylinder Diesel, make Liebherr, watercooled, output 450 kW (612 h.p.), max. torque 2106 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 127 gallons.
Transmission	Automatic transmission system with torque converter and intarder, make ZF, type TC-TRONIC with 12 forward speeds and 2 reverse speeds, transfer case with transfer differential.
Axles	Low maintenance carrier axles, all 6 axles steered. Axle 1, 3 and 5 are equipped with planetary gears, all driven axles with transverse differential locks, axle 3 with longitudinal differential lock.
Cardan shaft	All cardan shafts with 70° diagonal toothing and maintenance free.
Suspension	All axles are hydro-pneumatically suspended with automatic leveling. Suspension hydraulically lockable.
Tyre equipment	12 tyres, all axles equipped with single tyres. Size of tyres: 445/95 R 25 (16.00 R 25).
Steering	2-circuit system with hydraulic servo steering. Active speed depending rear axle steering, special steering programs for various driving situations.
Brakes	Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Additional brakes: exhaust flap brake, Telma Eddy current brake (optional), intarder in gearbox. Hand brake: Spring-loaded, acting on all wheels of axles 2 to 6.
Driving cab	Spacious and comfortable sheet steel cab mounted on rubber shock absorbers, safety glass windows.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Crane superstructure

Frame	Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim.
Crane engine	4-cylinder Diesel, make Liebherr, watercooled, output 180 kW (245 h.p.), max. torque 845 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 106 gallons.
Crane drive	Diesel-hydraulic, with 5 axial piston variable displacement pumps, with servo-control and capacity control.
Crane control	Two self-centering control levers (joy-sticks). Pedal switches for telescoping. Infinitely variable crane motions through displacement control of the hydraulic pumps. Additional working speed control by variation of the Diesel engine speed.
Hoist gear	Axial piston variable displacement motor, hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential hydraulic ram with nonreturn valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake.
Crane cab	Large screen area, compound glass, comfort furnishing, cabin tilttable 20° to rear.
Safety devices	LICCON2 safe load indicator, test system, hoist limit switches, safety valves against rupture of pipes and hoses.
Counterweight	220500 lbs
Telescopic boom	1 base section and 5 telescopic sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system TELEMATIK. Boom length 49 ft – 230 ft.
Electric system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Additional equipment

Guying system for telescopic boom Y	Consisting of guying frames with stay ropes, tilttable hydraulically into transport position Self assembly.
Additional counterweight	4 additional counterweight slabs of 22050 lbs each for a total counterweight of 308600 lbs.
Lattice jibs	Fixed lattice jib 20 ft to 138 ft long, installation at 0°, 20°, 40° or 60°, luffing lattice jib 39 ft to 256 ft long.
2nd hoist gear	For 2-hook operation or for operating the luffing lattice jib.
Tyre equipment	12 tyres, size 525/80 R 25 (20.5 R 25).
Drive 12 x 8	The 4th axle is driven additionally.

Other items of equipment available on request.

Equipment Équipement

Châssis porteur

Châssis	Châssis résistant à la torsion de fabrication Liebherr, en acier à grains fins très résistant.
Stabilisateurs	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.
Moteur	Moteur diesel, 8 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 450 kW (612 ch), couple max. 2106 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 127 gallons.
Boîte de vitesse	Boîte automatique avec convertisseur de couple et ralentisseur, marque ZF, type TC-TRONIC avec 12 marches AV et 2 marches AR, boîte de transfert avec différentiel répartiteur.
Essieux	Essieux nécessitant peu d'entretien, les 6 essieux sont directeurs. Les essieux 1, 3 et 5 sont des essieux planétaires, tous les essieux moteurs avec différentiel transversal et l'essieu 3 avec différentiel longitudinal.
Arbres articulés	Tous les flasques de croisillons avec denture en croix 70° et sans entretien.
Suspension	Tous les essieux sont à suspension hydro-pneumatique avec mise à niveau automatique. Suspension blocable hydrauliquement.
Pneumatiques	12 roues à monte simple. Taille: 445/95 R 25 (16.00 R 25).
Direction	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.
Freins	Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits. Freins auxiliaire : par clapet sur échappement, frein Telma (option), ralentisseur monté sur boîte de vitesse. Frein de secours et frein à main: par cylindres à ressorts sur les essieux 2 à 6.
Cabine	Cabine spacieuse, en tôle d'acier, équipement «grand confort», suspendue sur silent blocs, vitrage de sécurité.
Installation électrique	Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Partie tournante

Châssis	Fabrication Liebherr, construction soudée indéformable, en acier à grain fin haute résistance. Couronne d'orientation à triple rangée de rouleaux.
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Moteur	Moteur diesel Liebherr, 4 cylindres, à refroidissement par eau, de 180 kW (245 ch), couple max. 845 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 106 gallons.
Entraînement	Diesel hydraulique à 5 pompes à débit variable servo commandées à régulation de puissance.
Commande	2 leviers à 4 directions avec rappel automatique au point mort. Commande des mouvements progressive en continu par variation de l'inclinaison des pompes et augmentation du régime moteur.
Treuil	Moteur hydraulique à cylindrée variable, treuil avec réducteur planétaire à frein d'arrêt à lamelles intégrées.
Relevage de flèche	1 vérin hydraulique différentiel avec clapet anti-retour de sécurité.
Orientation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort.
Cabine de grue	Large champ de vision, vitrage de sécurité, équipement pour un confort idéal, cabine inclinable de 20° vers l'arrière.
Sécurités	Contrôleur de charge LICCON2, système test, fin de course crochet haut, clapets de sécurité en cas de ruptures de flexibles.
Contrepoids	220500 lbs
Flèche télescopique	Un élément de base et de 5 télescopes. Chaque partie peut être télescopée individuellement à l'aide du système de télescopage séquentiel rapide TELEMATIK. Longueur de flèche: 49 ft – 230 ft.
Circuit électrique	Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Équipement supplémentaire

Haubanage de flèche Y	Composé du chevalet d'haubanage avec haubanage du câble, rabattable hydrauliquement en position de transport. Montage autonome.
Contrepoids complémentaire	4 blocs latéraux de suspension de 22050 lbs pour un contrepoids total de 308600 lbs.
Fléchettes	Fléchette fixe de 20 ft à 138 ft; montable à 0°, 20°, 40° ou 60° fléchette à volée variable de 39 ft à 256 ft.
Deuxième treuil	Pour le travail avec 2 crochets ou le relevage de la fléchette à volée variable.
Pneumatiques	12 pneus. Taille 525/80 R 25 (20.5 R 25).
Entraînement 12 x 8	Le 4ème essieu est également entraîné.

Autres équipements supplémentaires sur demande.

 For reference only.
Operators manual should be consulted and adhered to.

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 m² 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 343.3 kips / 463 kips 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 m² 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 343.3 kips / 463 kips 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.