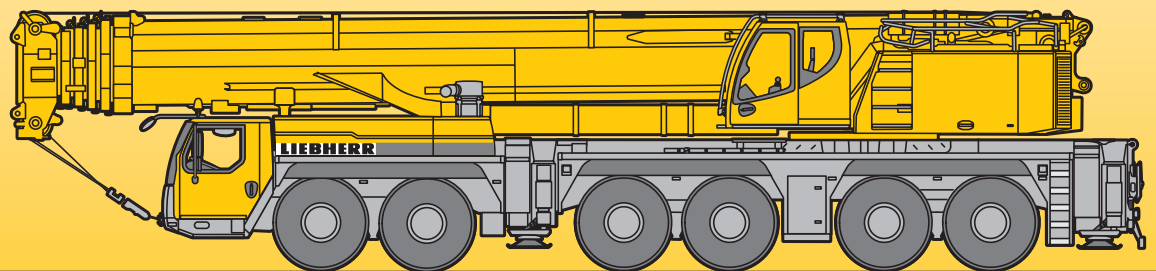


Mobile Crane Grue mobile

LTM 1350-6.1

Technical Data Caractéristiques techniques



LIEBHERR

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

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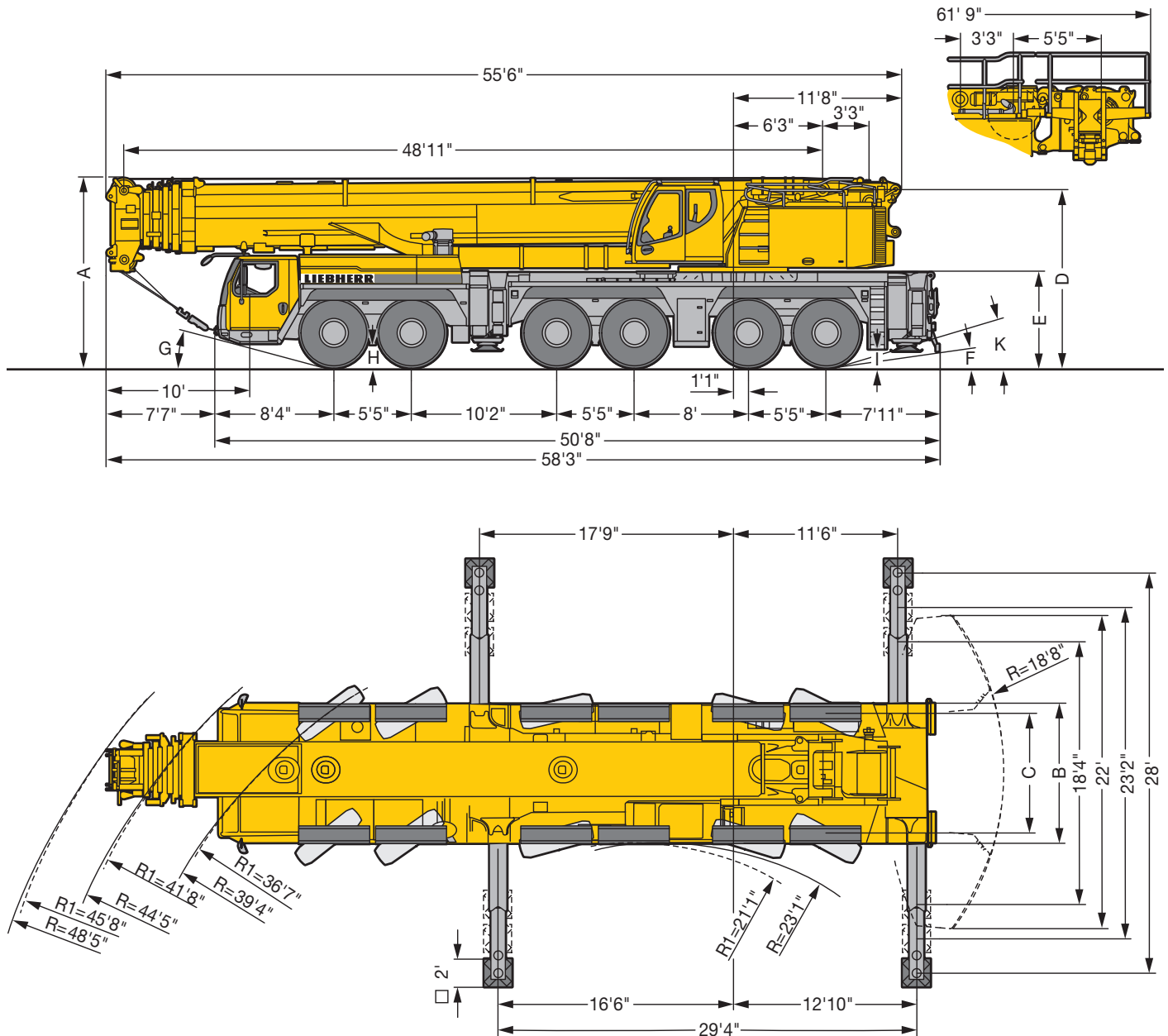
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Dimensions Encombrement



US2271.04

R₁ = All-wheel steering · Direction toutes roues

Dimensions · Encombrement											
	A	A 6"	B	C	D	E	F	G	H	I	K
445/95 R 25 (16.00 R 25)	13'1"	12'9"	9'10"	8'4"	12'4"	6'7"	8°	14°	1'4"	1'2"	15°
525/80 R 25 (20.5 R 25)	13'1"	12'9"	10'2"	8'5"	12'4"	6'7"	8°	14°	1'4"	1'2"	15°

* lowered · abaissé

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

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

9 – 12

TY

13 – 15

TF

16 – 24

TFH

TYVEF

25 – 39

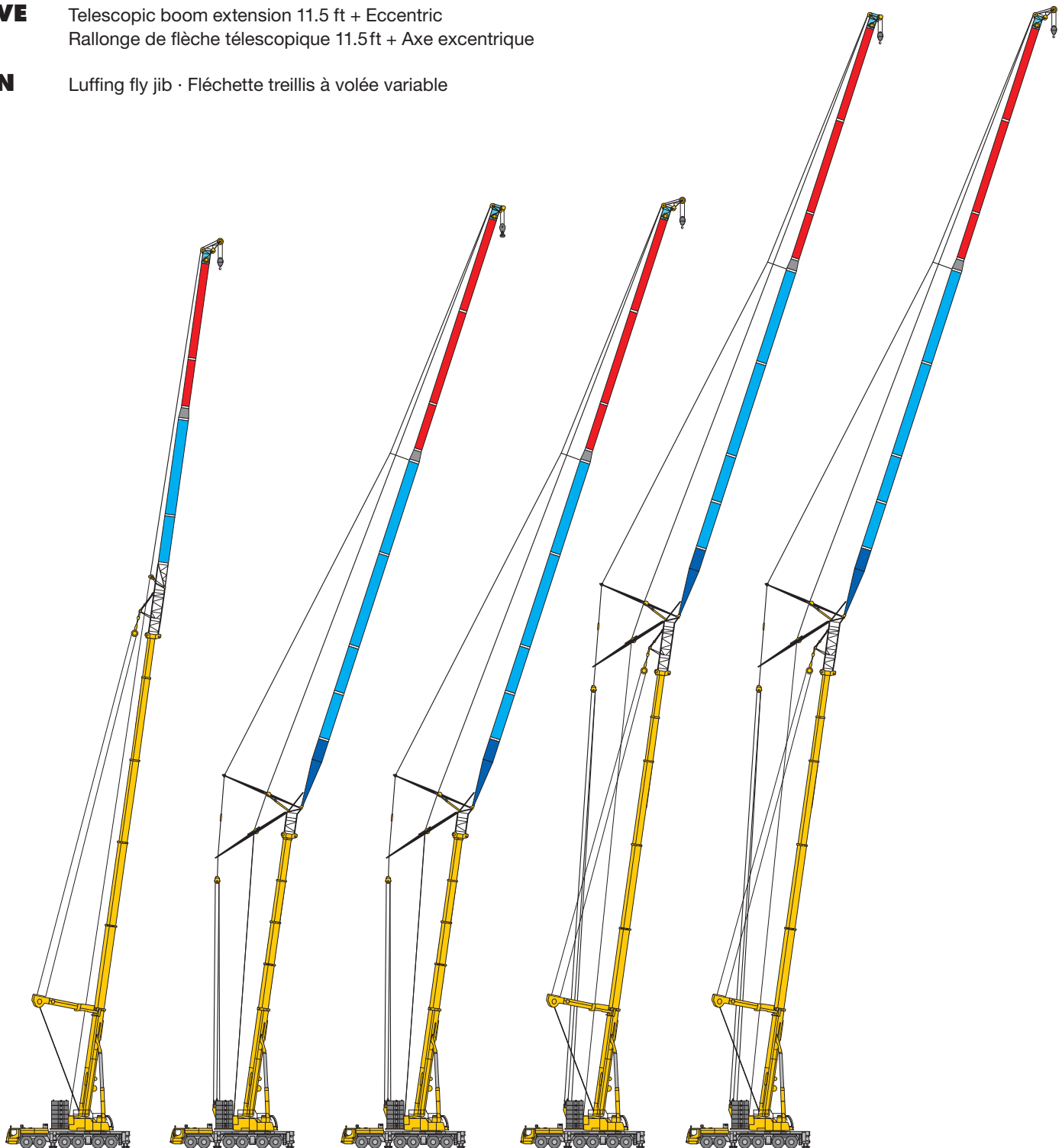
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▲ For reference only.
Operators manual should be consulted and adhered to.

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

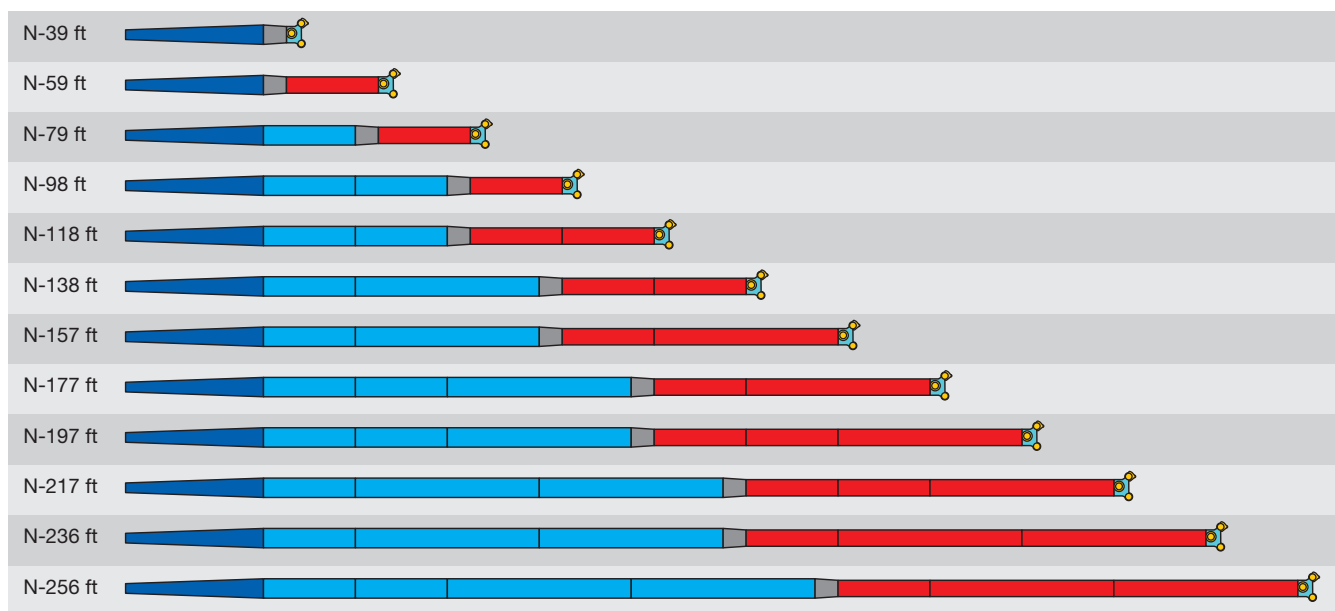
53 – 71

TYVENH

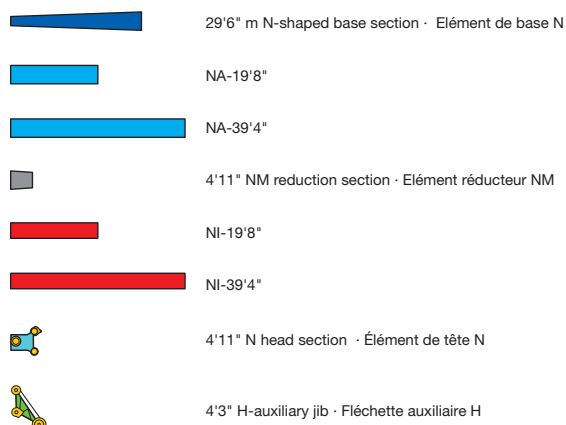
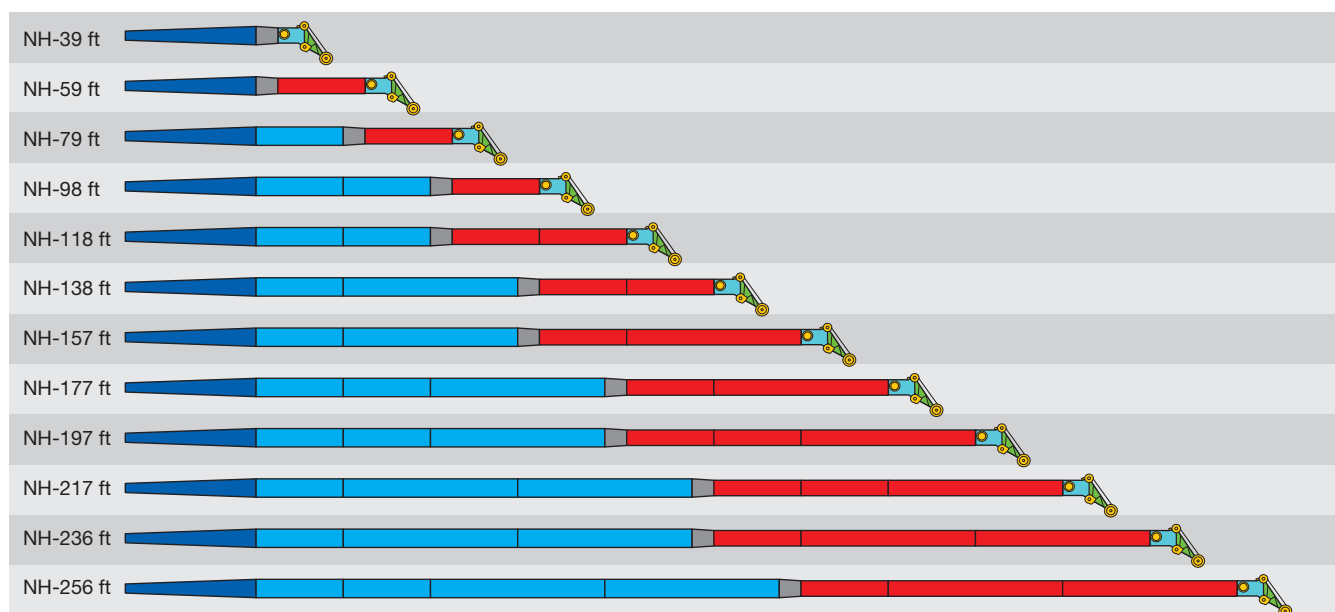
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▲ For reference only.
Operators manual should be consulted and adhered to.

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



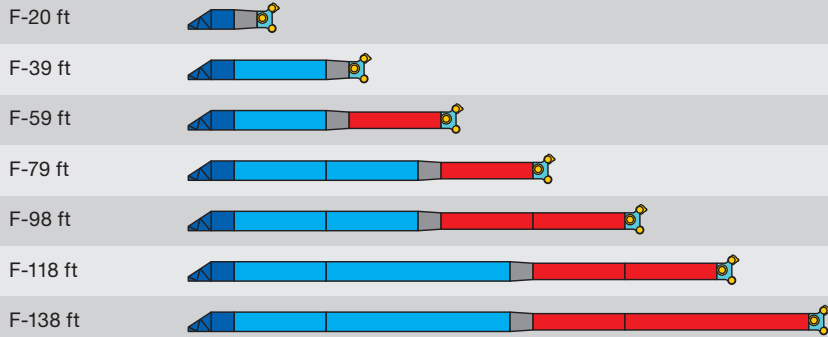
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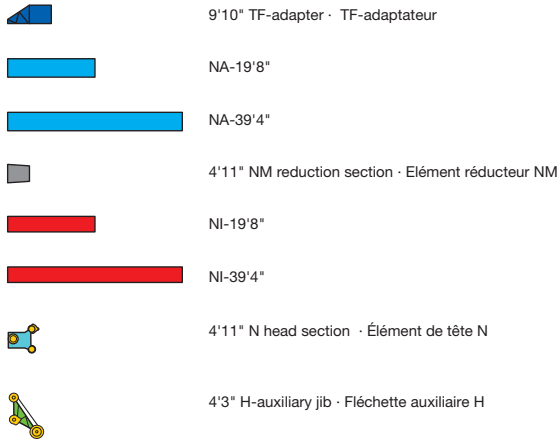
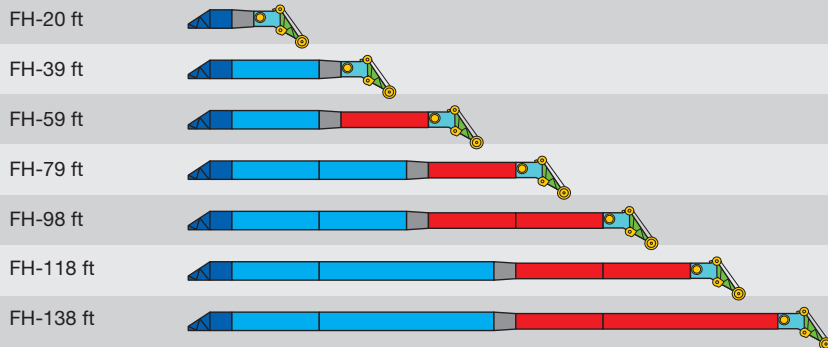
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▲ For reference only.
Operators manual should be consulted and adhered to.

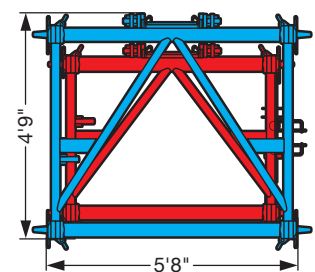
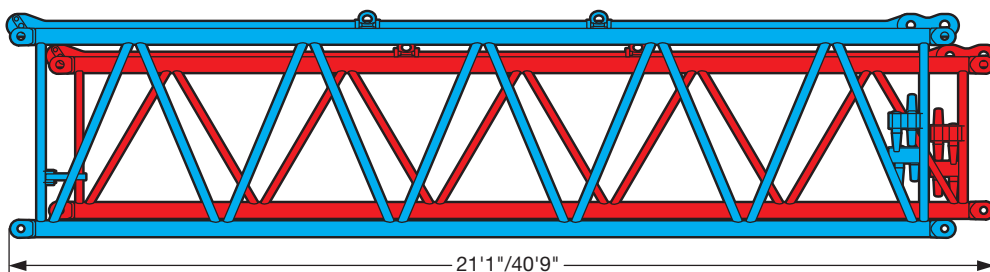
Boom/jib combinations - Fixed fly jib Configurations de flèche - Fléchette fixe



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 T 360° 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.

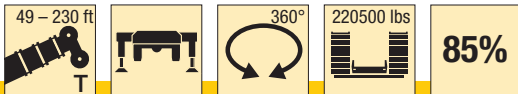
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260 North Smith Ave. Corona, CA 92880

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

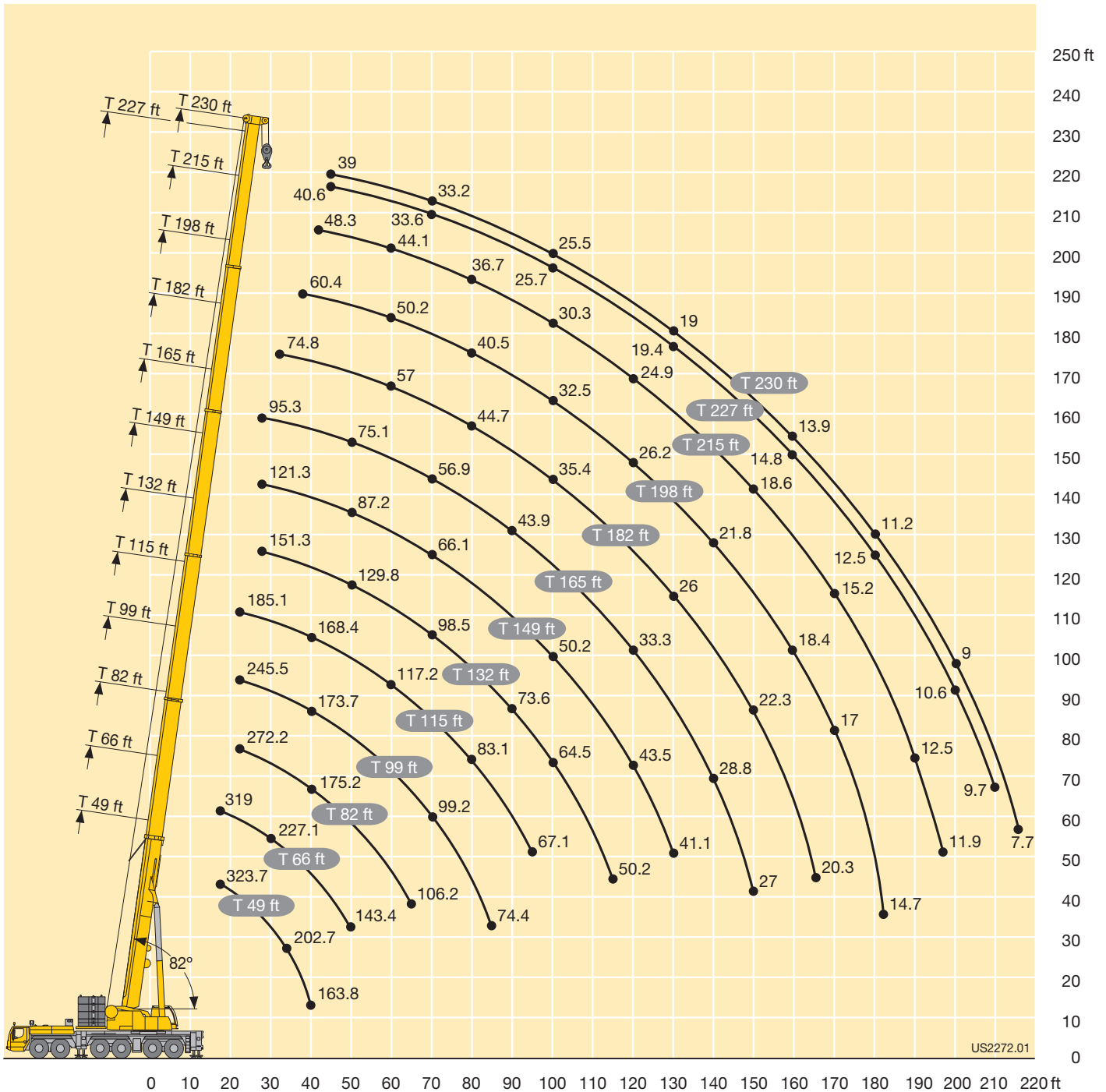
* over rear · en arrière

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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

     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
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

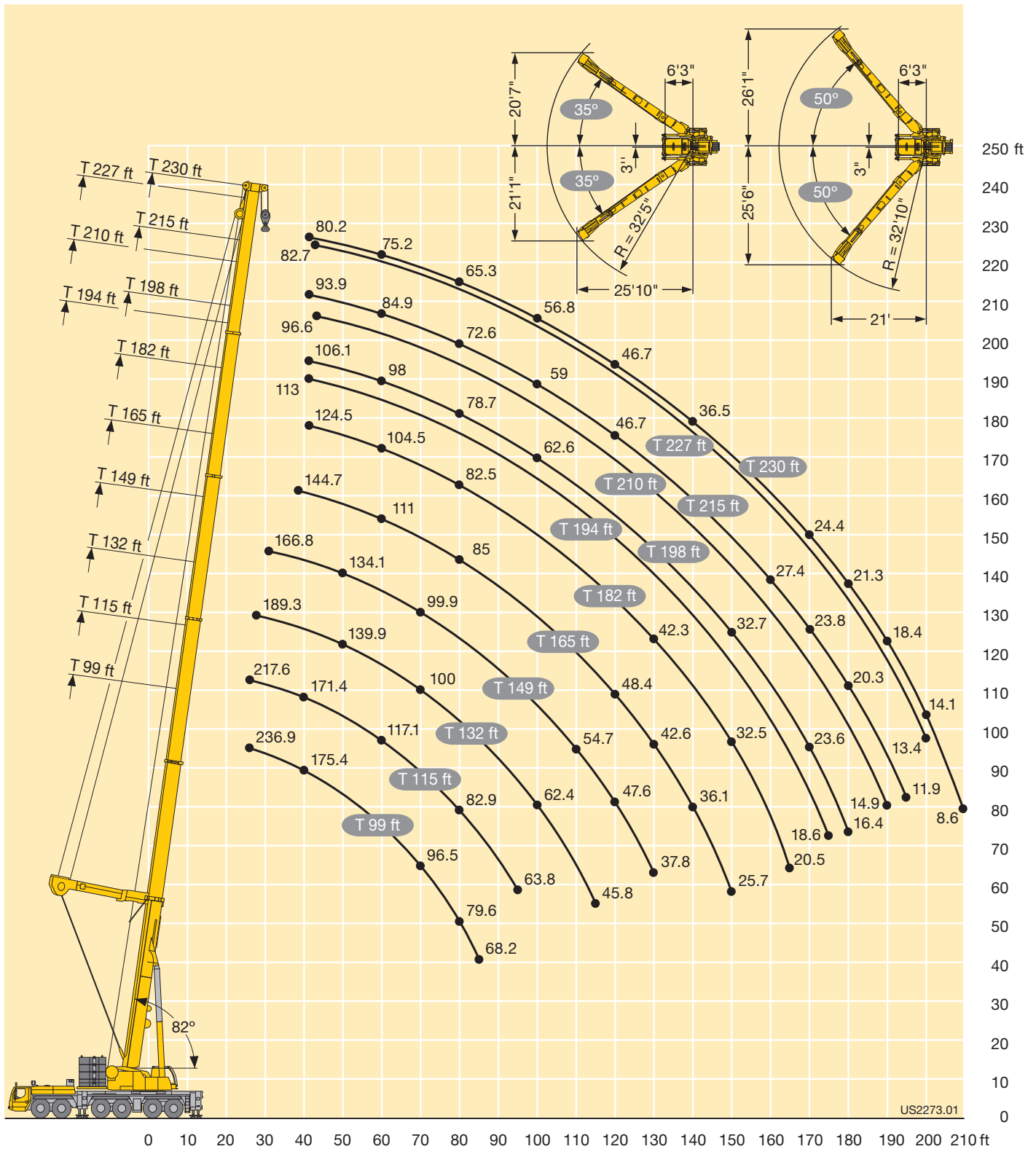
99 - 230 ft T Y 360° 220500 lbs 85%													
ft	99 ft	115 ft	132 ft	149 ft	165 ft	182 ft	194 ft	198 ft	210 ft	215 ft	227 ft	230 ft	ft
15	256.7												15
16	259.8												16
17	261.2												17
18	261.7												18
20	262	231.6											20
22	259.1	234.4											22
24	251.8	232	198.9										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.

Lifting heights Hauteurs de levage

TY

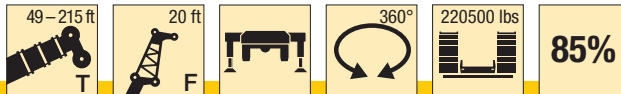


Angle of the Y-suspension between 35° and 50° depending on the extension condition of the individual telescopic sections.
Angle du haubannage Y entre 35° et 50°, en fonction de l'état de sortie des différents éléments télescopiques.

▲ 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

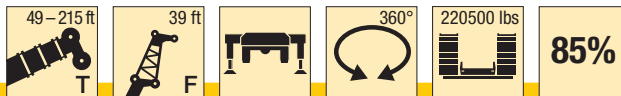
* adapter · pièce d'adaptateur

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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	
230																			4.9				3.3					230	
235																							2.9					235	

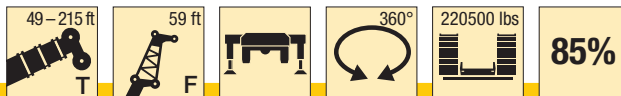
* adapter · pièce d'adaptateur

t_180_51205_00_000 / 51225_00_000 / 51245_00_000 / 51265_00_000

▲ 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
240																					3.8				2.8				240

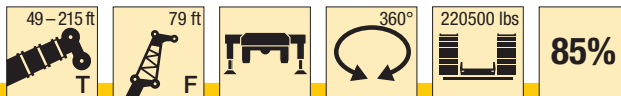
* adapter · pièce d'adaptateur

t_180_51305_00_000 / 51325_00_000 / 51345_00_000 / 51365_00_000

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
240																	3.9				3	3.4							240
245																	3.6				3								245

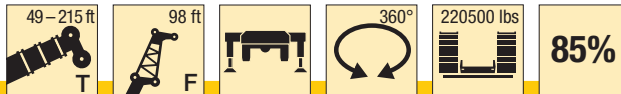
* adapter - pièce d'adaptateur

t_180_51405_00_000 / 51425_00_000 / 51445_00_000 / 51465_00_000

For reference only.
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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



 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

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▲ 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				118 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								9.6									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.
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Lifting capacities Forces de levage

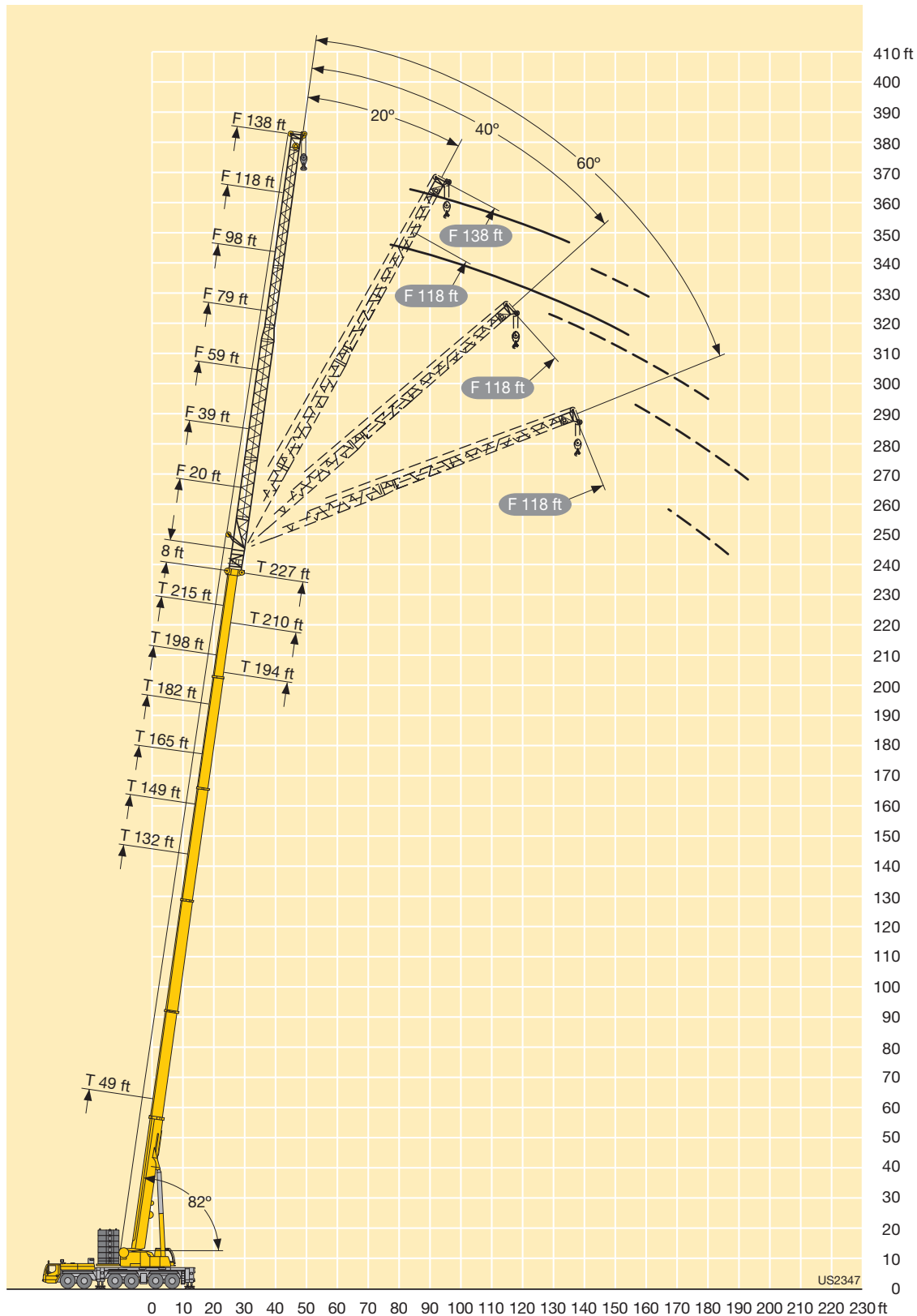
TF

		 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	

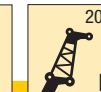
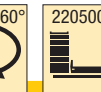
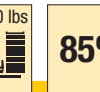
* adapter · pièce d'adaptateur

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				 Y				 11.5 ft V				 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°	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																

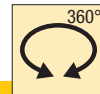
* adapter · pièce d'adaptateur

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			7.4	8.4			225										
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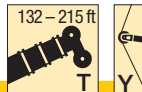
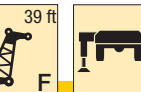
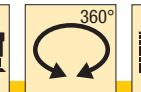
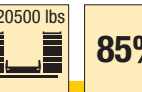
* adapter · pièce d'adaptateur

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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				 11.5 ft Y				 39 ft V				 39 ft 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	90																																	32															
34	87.7					88.6																											34																
36	85.5					87																											36																
38	83.4					85																											38																
40	81.4					83.1				82.6																							40																
45	76.7	48.1				78.7				79				79																			45																
50	72.7	46.4				74.7	47.2			75.3				75.6				71.2															50																
55	68.8	44.8	34.1			71.1	45.6			71.9	46.1			72.4	47.3			69.5				62.1											55																
60	65.5	43.3	33.4	25.1		67.8	44.2	33.7		68.9	44.8			69.5	46.1			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		66.9	44.8	33.9		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	64.3	43.7	33.4	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	59.3	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	56.3	39.2	31.4	24.2	56.8	40.6	32.1	24.2	56.6	40.5	32	24.1	53.8	40.3	31.9	25.2								85																
90	49.3	36.4	30.5			52.1	37.5	30.8		53.9	38.3	31	24.1	54.1	39.7	31.8	24.1	53.2	39.7	31.7	24	49.9	39.5	31.6	25.1								90																
95	47.2	35.5	30.1			50.2	36.6	30.4		51.4	37.4	30.6		51.1	38.8	31.4	24	49.2	38.9	31.3	23.9	46.2	38.8	31.3	25								95																
100	45.3	34.7	29.8			47.8	35.8	30.1		49.2	36.6	30.3		47.6	38	31.1		45.6	38.2	31	23.8	42.6	38	31	24.9								100																
105	43.7	34	29.5			44.6	35	29.9		46.5	35.8	30		44.1	37.3	30.8		42.2	37.4	30.7	23.8	39.5	37.3	30.7	24.8								105																
110	42	33.3	29.3			41.2	34.3	29.6		43.2	35.1	29.7		40.9	36.5	30.5		39.1	36.7	30.5	23.7	36.5	36.7	30.4	24.8								110																
115	39.4	32.6	29.2			38	33.7	29.4		40.2	34.4	29.5		38	35.7	30.2		36.3	35.8	30.2		33.8	35.5	30.2	24.7								115																
120	36.2	32	29			35.1	33	29.2		37.4	33.8	29.3		35.2	35.1	30		33.7	35.1	30		31.2	33.8	30									120																
125	33.3	31.5	28.8			32.4	32.4	29		34.8	33.2	29.1		32.7	34.2	29.7		31.2	33.5	29.8		28.9	31.5	29.8									125																
130	30.7	31				30	31.6	28.9		32.3	32.5	28.9		30.4	33	29.5		29	31.3	29.5		26.7	29.1	29.4									130																
135	28.2	29.9				27.5	29.6	28.7		30.1	31.5	28.8		28.2	30.6	29.4		26.8	29.1	29.3		24.6	27	28.4									135																
140	25.9	27.6				25.4	27.1			28	29.9	28.7		26.2	28.5	29.2		24.9	27	28.2		22.7	24.9	26.7									140																
145	23.8	25.3				23.2	24.9			26	27.8	28.3		24.3	26.5	27.9		23	25	26.5		20.9	23	24.7									145																
150	21.8	23.1				21.2	22.9			24.2	25.7	26.7		22.5	24.6	25.9		21.3	23.2	24.6		19.2	21.3	22.8									150																
155	19.9	21.1				19.3	20.8			22.3	23.7			20.8	22.8	24		19.6	21.4	22.7		17.6	19.5	21									155																
160	18.1	19.2				17.6	19			20.6	22			19.2	21.1	22.2		18.1	19.8	21		16.1	17.9	19.3									160																
165	16.5					15.9	17.2			18.9	20.2			17.8	19.5	20.4		16.6	18.2	19.3		14.7	16.4	17.7									165																
170	14.9					14.4	15.5			17.4	18.6			16.3	18			15.3	16.8	17.8		13.4	15	16.1									170																
175	13.4					13				16	17			14.9	16.5			14	15.4	16.3		12.1	13.6	14.7									175																
180	7.8					11.6				14.6	15.6			13.5	15			12.7	14.1			10.9	12.3	13.3									180																
185						10.3				13.3	14.2			12.3	13.6			11.6	12.9			9.8	11.1	12									185																
190						9.1				12.1	12.9			11.1	12.3			10.4	11.6			8.7	9.9										190																
195						5.3				11				9.9	11.1			9.3	10.4			7.6	8.9										195																
200										9.9				8.8	9.9			8.3	9.2			6.6	7.8										200																
205										8.9				7.9	8.8			7.3	8.2			5.6	6.7										205																
210										6.1				7				6.3	7.2			4.6	5.7										210																
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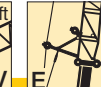
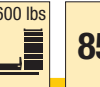
* adapter · pièce d'adaptateur

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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				 59 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
	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°	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								57.8																						45														
50	53.6				54.8								55												53										50														
55	50.9	32.6			52.1								52.5												51.6				50.2						55														
60	48.2	31.4			49.7	32							50.2	32.1											49.7				48.6						60														
65	46.1	30.3			47.3	30.9							48	31.1											47.8				47						65														
70	43.9	29.3	22.1		45.4	29.9							46	30.2												46	30.9		45.5						70														
75	41.9	28.3	21.6		43.4	29	21.8						44.2	29.3	21.8										44.4	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										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									41.4	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	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					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					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					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					110											
115	29.5	22.6	18.4		31.4	23.3	18.7						33	23.8	18.9										34.1	24.3	19.1	13.4		34.5	25	19.9	14					115											
120	28.4	22.1	18.1		30.2	22.8	18.4						31.8	23.3	18.6										33.1	23.8	18.8			33.5	24.5	19.7	14					120											
125	27.4	21.6	17.9		29.2	22.3	18.1						30.7	22.8	18.4										32.1	23.3	18.5			32.6	24.1	19.4						125											
130	26.5	21.1	17.7		28.2	21.8	17.9						29.6	22.4	18.1										31	22.8	18.3			31.7	23.6	19.2						130											
135	25.6	20.6	17.5		27.3	21.4	17.7						28.7	21.9	17.9										30	22.4	18.1			30.8	23.2	19						135											
140	24.8	20.2	17.3		26.4	20.9	17.5						27.8	21.5	17.7										29.2	22	17.9			30	22.8	18.8						140											
145	24	19.7	17.1		25.6	20.5	17.3						27	21.1	17.5										28.3	21.6	17.7			29.1	22.4	18.6						145											
150	23.2	19.4			24.9	20.1	17.2						26.1	20.7	17.4										27.5	21.2	17.5			27.9	22	18.4						150											
155	22.5	19			24.2	19.7	17.1						25.5	20.2	17.2										26.5	20.8	17.4			27.1	21.7	18.2						155											
160	21.8	18.6			23.4	19.3							24.8	19.9	17.1										25.7	20.4	17.2			26.3	21.3	18.1						160											
165	21.1	18.4			22.8	19							23.9	19.5	17										25	20	17.1			24.8	21	17.9						165											
170	20.4	18.1			22.1	18.6							23.2	19.2											24.4	19.7	17			23.3	20.7	17.8						170											
175	19.7	17.9			21.1	18.4							22.6	18.9											23.2	19.4	16.9			21.8	20.4	17.7						175											
180	19				20.2	18.1							22	18.6											21.7	19.1				20.5	20.1	17.6						180											
185	16.9				18.8	17.9							21.2	18.3											20.2	18.7				19.2	19.8	17.5						185											
190	13.6				17.2	17.6							20	18											18.9	18.4				17.9	19.4	17.5						190											
195	9.7				14.9								18.8	17.8											17.6	18.2				16.6	18.8	17.4						195											
200					12.4								17.5	17.6											16.4	17.4				15.4	17.5							200											
205					9.7								15.9	17.1											15.2	16.5				14.3	16.2							205											
210					6.6								14	13.5											14.1	15.4				13.1	15							210											
215													11.8												12.9	14.2				12.1	13.8							215											
220													9.4												11.5	13.1				11.1	12.7							220											
225													6.8												9.8	11.8				10.1	11.6							225											
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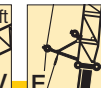
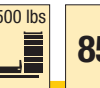
* adapter · pièce d'adaptateur

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

Lifting capacities Forces de levage

TYVEF

																									
132 – 215 ft		11.5 ft		59 ft		360°		220500 lbs		85%															
T		Y		V		E		F																	
132 + 20 ft*		149 + 20 ft*		165 + 20 ft*		182 + 20 ft*		198 + 20 ft*		215 + 20 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°		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

t.180.61305.00.000 / 61325.00.000 / 61345.00.000 / 61365.00.000

* adapter · pièce d'adaptateur

t_180_61305_00_000 / 61325_00_000 / 61345_00_000 / 61365_00_000

▲ 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*					
		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°		
40	ft	47.4																								40	ft
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		23.1	16.4	12.3	8.3	23	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		22.4	16	12.2		22.4	16	12.2	8.2	145	
150		17.8	14	11.5		19.1	14.5	11.7		20.2	14.9	11.8		21.2	15.4	12		21.8	15.6	12		21.8	15.7	12	8.2	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		21.2	15.3	11.9		21.3	15.4	11.9	8.2	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		20.6	15	11.7		20.8	15.1	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		20	14.6	11.6		20.2	14.8	11.6		165	
170		15.3	12.8			16.6	13.3	11.1		17.7	13.7	11.3		18.6	14.1	11.4		19.4	14.3	11.5		19.7	14.5	11.5		170	
175		14.7	12.5			16	13	11.1		17.1	13.4	11.2		18.1	13.8	11.3		18.8	14.1	11.4		19.2	14.2	11.4		175	
180		14.2	12.2			15.5	12.7			16.6	13.1	11.1		17.6	13.5	11.2		18.2	13.8	11.3		18.6	13.9	11.3		180	
185		13.7	12			14.9	12.5			16	12.9	11		17	13.3	11.1		17.5	13.6	11.2		17.7	13.7	11.2		185	
190		13.2	11.9			14.5	12.3			15.5	12.7			16.4	13	11		17	13.3	11.1		16.5	13.5	11.1		190	
195		12.8	11.7			14	12.1			15.1	12.5			15.9	12.8	10.9		16.6	13.1	11		15.3	13.2	11		195	
200		12.4				13.6	11.9			14.6	12.2			15.4	12.6			15.8	12.9	10.9		14.2	13	10.9		200	
205		12				13.1	11.7			14.1	12			15	12.4			14.9	12.6	10.9		13.2	12.8	10.9		205	
210		9.8				12.3	11.6			13.6	11.9			14.6	12.2			14.1	12.4	10.8		12.3	12.6	10.8		210	
215		6.7				11.2				13.3	11.7			13.8	12			13.1	12.2			11.4	12.4	10.8		215	
220						9				12.9	11.6			12.9	11.8			12.1	12			10.4	12.1	10.8		220	
225						6.7				11.9	11.5			12	11.7			11	11.9			9.5	11.5	10.7		225	
230						3.9				10.6	9.6			11	11.6			10.1	11.3			8.6	10.6			230	
235										8.6				9.9	11.4			9.2	10.7			7.8	9.7			235	
240										6.7				8.5	10.5			8.3	9.9			6.9	8.7			240	
245										4.3				6.9	9.3			7.4	9			6.1	7.8			245	
250														5.3				6.3	8.1			5.3	6.9			250	
255														3.4				5	7.1			4.4	6.1			255	
260																		3.6	5.9			3.4	5.2			260	
265																						4.3				265	
270																						3.3				270	

* adapter · pièce d'adaptateur

t_180_61401_00_000 / 61421_00_000 / 61441_00_000 / 61461_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 V				 79 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
	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																	
245									4.1				3.4 4.7				3.9															245																	
250													2.6				3															250																	

* adapter · pièce d'adaptateur

t.180.61405.00.000 / 61425.00.000 / 61445.00.000 / 61465.00.000

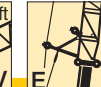
* adapter · pièce d'adaptateur

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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				 98 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
	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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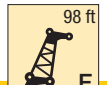
* adapter · pièce d'adaptateur

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

Lifting capacities Forces de levage

TYVEF

		 132 – 215 ft T				 11.5 ft Y				 98 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							
	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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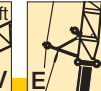
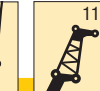
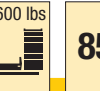
* adapter · pièce d'adaptateur

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▲ For reference only.
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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																	

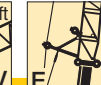
* adapter · pièce d'adaptateur

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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																																	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		10.5	7.5	5.7		10.4	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		9.8	7.2	5.6		10.2	7.3	5.7		9.7	7.3	5.6									195																
200	7.1	5.8	4.9			8.3	6.6	5.4		8.9	6.8	5.4		9.4	7	5.5		9.8	7.1	5.6		8.9	7.2	5.6									200																
205	6.8	5.7	4.8			8	6.4	5.3		8.6	6.6	5.4		9.1	6.8	5.5		9.4	7	5.5		8	7	5.5									205																
210	6.6	5.6				7.7	6.3	5.3		8.3	6.5	5.3		8.8	6.7	5.4		8.8	6.8	5.4		7.2	6.9	5.5									210																
215	6.4	5.5				7.5	6.1	5.2		7.9	6.3	5.3		8.4	6.5	5.3		8.1	6.7	5.4		6.3	6.8	5.4									215																
220	6.2	5.4				7.2	6			7.6	6.2	5.2		8.1	6.4	5.3		7.3	6.6	5.3		5.6	6.7	5.3									220																
225	6	5.3				6.8	5.9			7.4	6.1	5.2		7.7	6.3	5.2		6.6	6.4	5.3		4.9	6.5	5.3									225																
230	5.8	5.2				6.4	5.8			7.2	6			7.2	6.2	5.2		5.9	6.3	5.2		4.2	6.4	5.2									230																
235	5.6	5.2				5.8	5.7			7	5.9			6.5	6.1	5.2		5.2	6.2	5.2		3.4	6.1	5.2									235																
240	5.4					5.4	5.6			6.7	5.8			5.8	5.9			4.5	6.1	5.1		2.7	5.5	5.2									240																
245	5.2					4.6	5.5			6.3	5.7			5.1	5.8			3.9	5.9	5.1			4.8	5.1									245																
250	4.5					3.8	5.3			5.8	5.6			4.5	5.7			3.2	5.5	5.1			4.1	5.1									250																
255						3.1				5.2	5.5			3.8	5.3			2.6	4.8				3.4	4.9									255																
260										4.6	5.4			3.2	5				4.1				2.7	4.4									260																
265										3.9	5.1				4.4				3.4														265																
270										3.2	4.7				3.7																		270																
275										2.6					3																		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

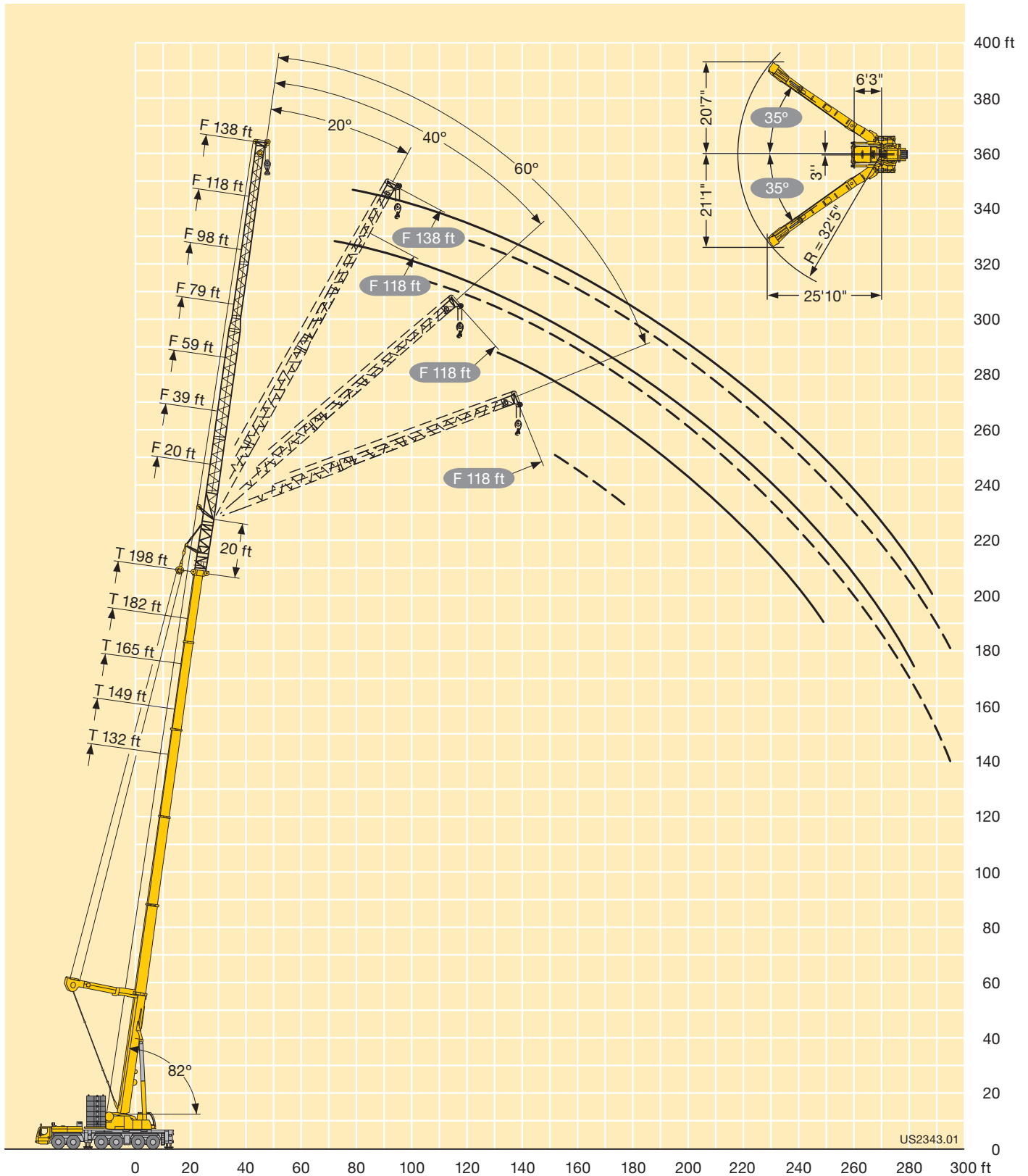
TYVEF

 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

t_180_61705_00_000 / 61725_00_000 / 61745_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

TN

 49 – 149 ft T		 39 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*			 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						62.1				65								
70												84.8					59			49.4	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 T 59 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	
	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_000

* 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_000

* 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 T 98 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
	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

t_180_54405_00_000

* adapter · pièce d'adaptateur

t_180_54405_00_000

49 – 215 ft 98 ft T 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

t 180 54405 00 000

* adapter · pièce d'adaptateur

t_180_54405_00_000

▲ 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

t_180_54505_00_000

* 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

t_180_54505_00_000

▲ 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		11.5	9.4		5.9	5.5	170
175														24.9				17.4		16.7	13.6		11.5	9		5.9	5.4	175
180																		17			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

t_180_54605_00_000

▲ 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*			157 ft			 ft																
	157 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°	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

t_180_54705_00_000

* adapter · pièce d'adaptateur

t_180_54705_00_000

▲ 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			11.7		9.6	8.5		5.1	4.9	210						
215															17.3			11.3		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 T			 197 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																																										
	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	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			5.9					240																		
245																																								5.7								245																		

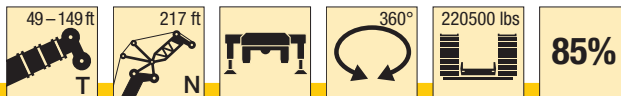
* adapter · pièce d'adaptateur

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

Lifting capacities Forces de levage

TN



	T 5 N																								
	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															85			
90	20.2			19.1			17.7			15.6			13.4									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

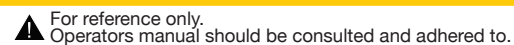


	49 + 11.5 ft*			66 + 11.5 ft*			82 + 11.5 ft*			99 + 11.5 ft*			115 + 11.5 ft*			
	256 ft			256 ft			256 ft			256 ft			256 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
95	12.5															95
100	12.4			11.7			10.7			9			6.6			100
105	12.4			11.7			10.7			8.9			6.5			105
110	12.3			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.

TN

Lifting capacities Forces de levage

TYVEN

        					
	115 + 23 ft*		132 + 23 ft*		149 + 23 ft*
	39 ft**		39 ft**		39 ft**
	82°		82°		82°
	75°		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°		82°		82°
	75°		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°	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

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

t_180_64202_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_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				 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			110					
115									35.3			32.3								34.7			115				
120												31.4								33.6			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

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

t_180_64205_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_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			 11.5 ft			 79 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*			
	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	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			36.5				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

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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

t_180_64301_00_000

115 – 215 ft		Y		11.5 ft		E		79 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
	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			26.8					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

* 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		 Y		 11.5 ft V		 E		 98 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	
	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				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	65.6	65			60			54.9		49.4			43.4			38			33.6			90	
95	63.5	63.6			58	57.2		54.2		48.7			42.9			37.5			33			95	
100	60.9	61.4			55.5	54.9		53.4	52.5	48.1			42.3			36.9			32.5			100	
105	58.3	59.1			53.3	52.8		52.5	51.8	47.4			41.7			36.4			31.9			105	
110	55.8	56.9			51	50.8		50.5	49.9	46.7	45.7		41.1			35.8			31.4			110	
115		54.8	50.9		48.8	48.9		48.6	48.1	45.5	44.5		40.5	39.2		35.2	33.8		30.8			115	
120		52.8	48.5		47.1	44.7		46.4		42.9			39.9	38.6		34.7	33.6		30.2	28.1		120	
125		50.8	46.3		45.4	42.6		44.8		41.4			38			33.1			28			125	
130		48.8	44.4		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 T			 360° Y			 11.5 ft V			 98 ft E			 98 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	
	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°																				
70		50.2																						70																		
75		51.8			50.1			40																75																		
80		53.4			50.8			43.5			41.2													80																		
85		54.5			51.1			46.1			42.2						32.5							85																		
90		54.2			50.9			46.5			42.2			37.1			32.4			28.3				90																		
95		53.6	52.2		50.5			46.3			41.8			36.8			32.1			28.1				95																		
100		52.6	52.1		50	48.6		45.8			41.4			36.4			31.7			27.8				100																		
105		51.1	52.1		49.2	47.8		45.4			40.9			36			31.3			27.5				105																		
110		49.4	51		47.3	46.1		44.8	43.9		40.4			35.5			30.8			27				110																		
115		47.8	49.5		45.6	44.5		44.3	43.6		39.9	38.6		35.1			30.4			26.6				115																		
120		46.1	47.9	45.8	43.9	42.9		43.8	43.2		39.4	38.4		34.6	33.1		29.9	28.4		26.2				120																		
125		44.6	46.2	45.1	42.2	41.5		43.3	42.6		38.9	38.1		34.2	33		29.5	28.4		25.7				125																		
130		43.1	44.7	43.8	40.6	40.1	38	42	41.2		38.4	37.6		33.7	32.7		29	28.1		25.3				130																		
135			43.3	42.2		38.7	37.1	40.6	39.8		37.7	36.6		33.3	32.4		28.6	27.8		24.9	23.6			135																		
140			41.8	40.5		37.4	36.1		38.6	34.7		35.5		32.9	31.9		28.2	27.4		24.5	22.9			140																		
145			40.4	38.8		36.2	35		37.4	33.3		34.3			31.4			27.1		22.1				145																		
150			38.9	37.3		35	34		36.2	32		33.3	28.7		30.8			26.5		21.4				150																		
155				35.9			32.9		35.1	30.7		32.3	27.6		29.9			25.4		20.7				155																		
160				34.5			31.7			29.6		31.3	26.5		29			24.1		20.1				160																		
165							30.5			28.4			25.5		23.1			22.6	8.2		19.4			165																		
170							29.3											21	8.4		18.8			170																		
175										27.4			24.5								18.2				175																	
180										26.4													9.4		180																	
185																							9.4		185																	
190																							9.3		190																	
195																							9.1		195																	
200																							8.9		200																	

* 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 T			 11.5 ft Y			 118 ft V			 118 ft 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									41.2												80			
85	54.5									42.2									32.5			85			
90	54.2									42.2					37.1				32.4		28.3	90			
95	53.6	52.2								41.8					36.8				32.1		28.1	95			
100	52.6	52.1			50	48.6				41.4					36.4				31.7		27.8	100			
105	51.1	52.1			49.2	47.8				40.9					36				31.3		27.5	105			
110	49.4	51			47.3	46.1			44.8	43.8					35.5				30.8		27	110			
115	47.8	49.3			45.6	44.5			44.3	42.3				37.1	35.1				30.4		26.6	115			
120	46.1	47.2	39.3		43.9	42.9			43.8	40.4			39.4	36	34.6	31.7			29.9	28.4	26.2	120			
125	44.6	45	38.2		42.2	41.5			43.3	38.7			38.9	34.4	34.2	31			29.5	28.4	25.7	125			
130	43.1	42.9	36.5		40.6	40.1	31.9		42	37.1			38.4	32.9	33.7	29.7			29	28	25.3	130			
135		41	34.8			38.4	30.8		40.6	35.6			37.7	31.6	33.3	28.4			28.6	27.1	24.9	23.6	135		
140		39.2	33.2			36.7	29.5			34.2	26.1			30.3	32.9	27.3			28.2	26	24.5	22.9	140		
145		37.5	31.8			35.1	28.3			32.9	25			29.1		26.2				24.9		22.1	145		
150		35.9	30.4			33.6	27.2			31.6	24			28	19.7	25.2				23.9		21.4	150		
155			29.2				26			30.4	23.1			27	18.9	24.2				23		20.7	155		
160			27.9				24.9				22.2			26	18.2	23.3	15			22.2		20.1	160		
165							23.9				21.4				17.4					21.3	8.2	19.4	165		
170							22.9				20.6				16.8					20.6	8.4	18.7	170		
175											19.8				16.1						8.5	18	9.2	175	
180															15.5						8.5		9.2	180	
185																					8.4		8.8	185	
190																					8.2		8.4	190	
195																					7.8		8	195	
200																							7.7	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 T			 Y			 11.5 ft V			 E			 138 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								
	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	32		29			24.9			21.9			130								
135	34.2	36.3	34.7	34.9	35.2		35.3	35.5		32.5	31.7		28.6	27.5		24.6	23.5		21.6			135								
140	33	35	33.7	33.7	34	31.6	34.2	34.8		32.1	31.4		28.3	27.2		24.2	23.3		21.2	19.9		140								
145	31.9	33.9	32.7	32.5	32.9	30.8	33.1	33.8		31.7	31.2		27.9	27		23.9	23		20.9	19.8		145								
150	30.9	32.8	31.8	31.5	31.8	30	32	32.7	30.7	31.4	30.8		27.6	26.8		23.6	22.7		20.5	19.6		150								
155		31.6	30.8		30.8	29.1	31	31.7	29.9	31.1	30		27.3	26.5		23.3	22.5		20.2	19.1		155								
160		30.5	29.9		29.8	28.2		30.7	29.1		29.1	25.9		26.2		23	22.2		19.8	18.6		160								
165		29.4	29		28.7	27.4		29.8	28.1		28.2	24.8		25.8		22	22		18			165								
170		28	28.2		27.7	26.6		28.9	27		27.4	23.9		25.5		21.7			17.5			170								
175			27.3			25.8		28.1	26.1		26.6	23		24.9	20.4		21.2		16.9			175								
180			26.4			25.1			25.1		25.8	22.2		24.3	19.6		20.3	7.3	16.4			180								
185						24.3			24.2			21.3			18.9		18.8	7.3	15.9			185								
190						23.5			23.4			20.6			18.1		17.2	7.3	15.4			190								
195									22.5			19.8			17.5			7.3	14.9	7.8		195								
200												19.1			16.8			7.2		7.8		200								
205															16.2			7		7.7		205								
210																		6.8		7.6		210								
215																		6.4		7.5		215								
220																				7.2		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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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							

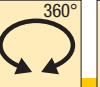
* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64605_00_000

▲ 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				

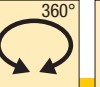
* adapter 11.5 ft + telescopic boom extension 11.5 ft - pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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

Lifting capacities Forces de levage

TYVEN

 115 – 215 ft T			 Y			 11.5 ft V			 E			 157 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				
	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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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*			
	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					

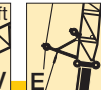
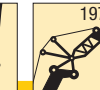
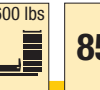
* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

t_180_64805_00_000

▲ 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			 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								

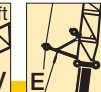
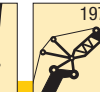
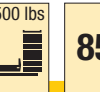
* adapter 11.5 ft + telescopic boom extension 11.5 ft · pièce d'adaptateur 11.5 ft + rallonge de flèche télescopique 11.5 ft

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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			 197 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																
	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

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▲ For reference only.
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Lifting capacities Forces de levage

TYVEN

		 115 – 198 ft T			 11.5 ft Y			 11.5 ft V			 217 ft E			 217 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								
	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°							
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

t_180_65001_00_000

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

Lifting capacities Forces de levage

TYVEN

115 – 198 ft T Y 11.5 ft V E 217 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*		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

t_180_65005_00_000

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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

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 For reference only.
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Lifting capacities Forces de levage

TYVEN

115 - 182 ft Y 11.5 ft V E 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.
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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*		
	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

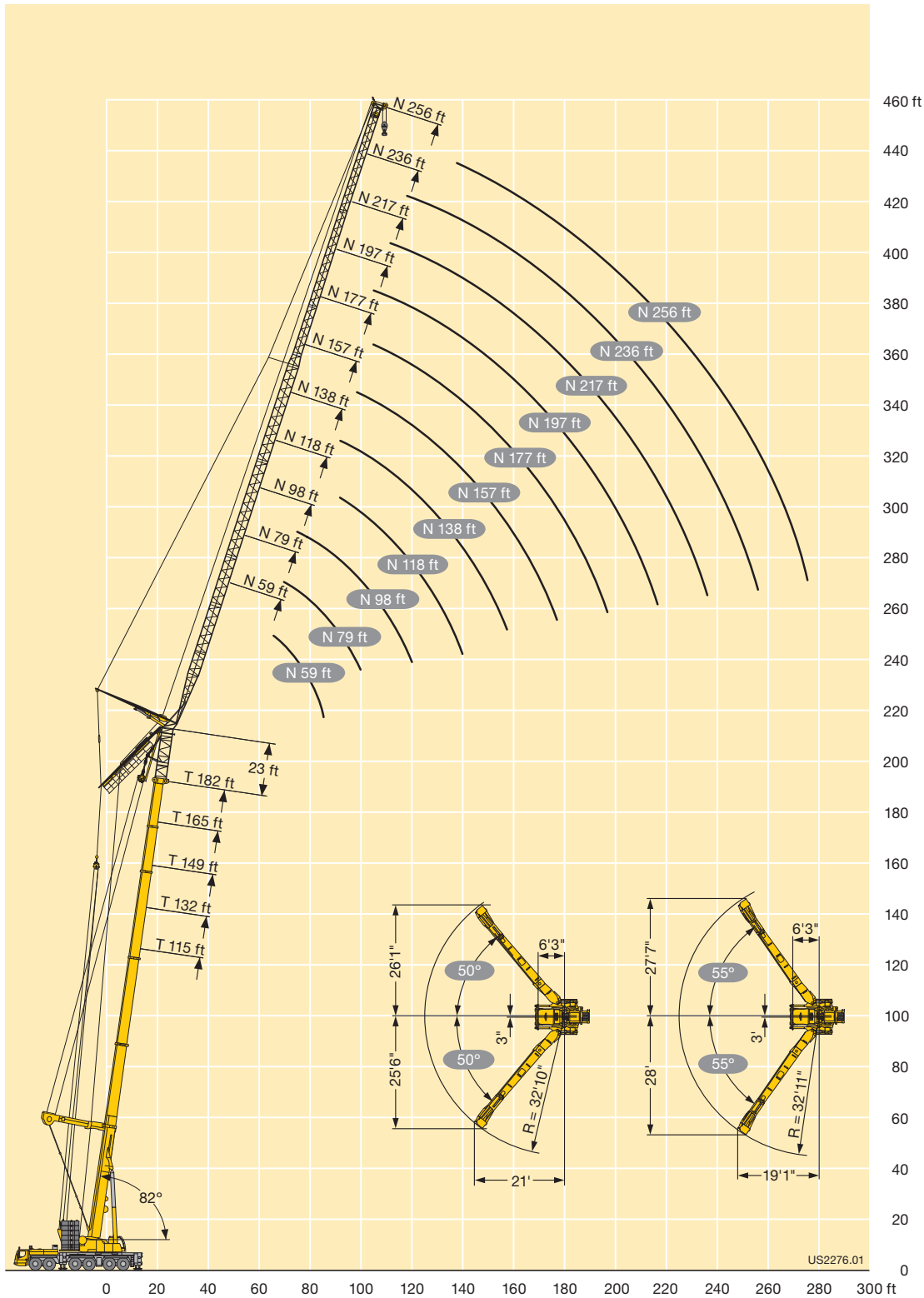


	115 + 23 ft*			132 + 23 ft*			149 + 23 ft*			165 + 23 ft*			182 + 23 ft*		
	256 ft			256 ft			256 ft			256 ft			256 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	
105	10.7														105
110	10.7														110
115	10.8			10			8.1								115
120	10.9			10.1			8.4			6.4					120
125	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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Angle of the Y-suspension between 50° and 55° depending on the extension condition of the individual telescopic sections.
Angle du haubanage Y entre 50° et 55°, en fonction de l'état de sortie des différents éléments télescopiques.

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Equipment Equipment

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.

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.