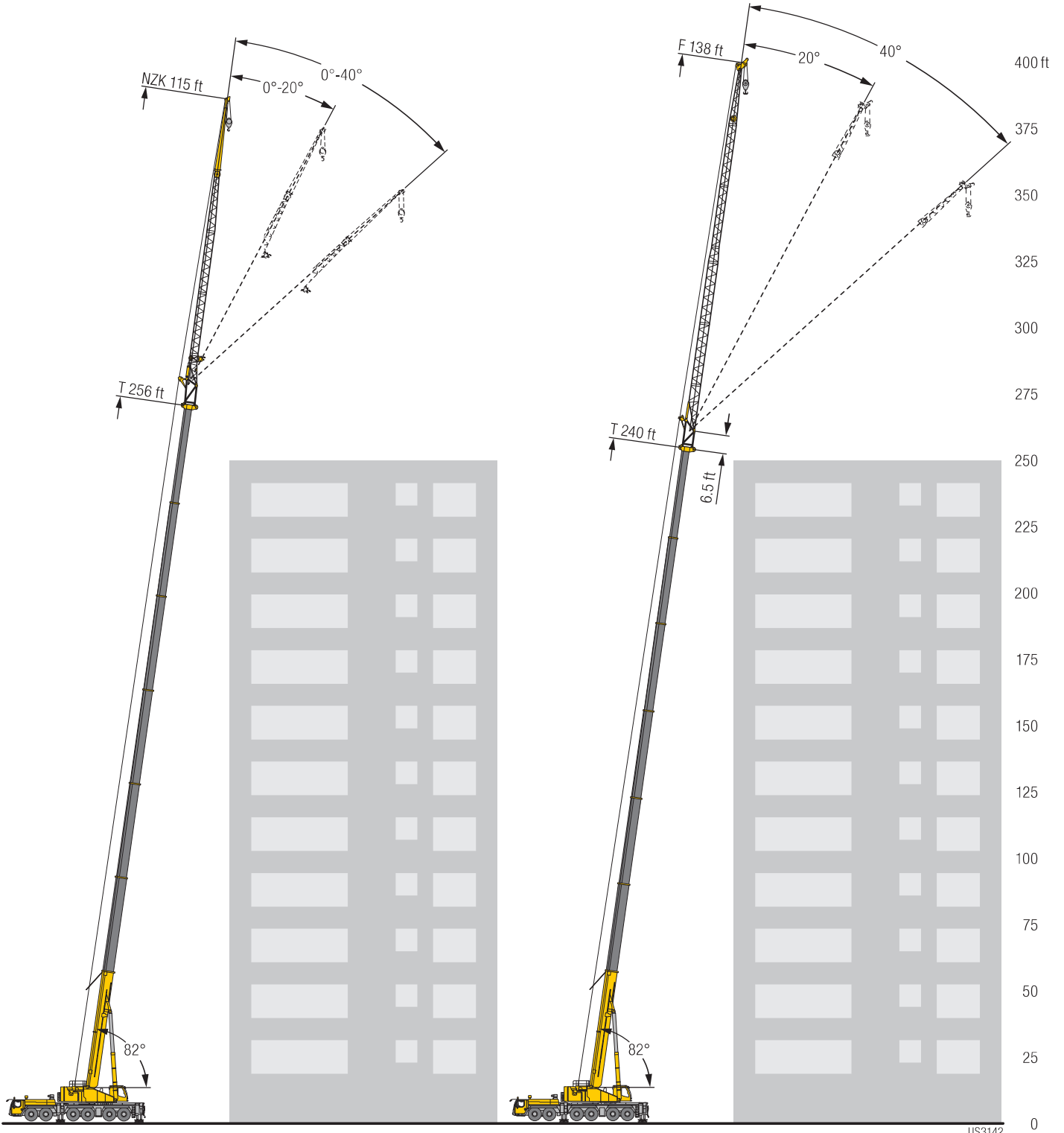


# Variable boom systems Systèmes de flèche variables

**TK  
TNZK**

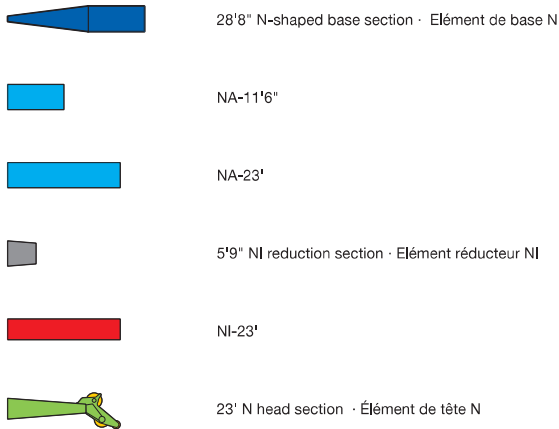
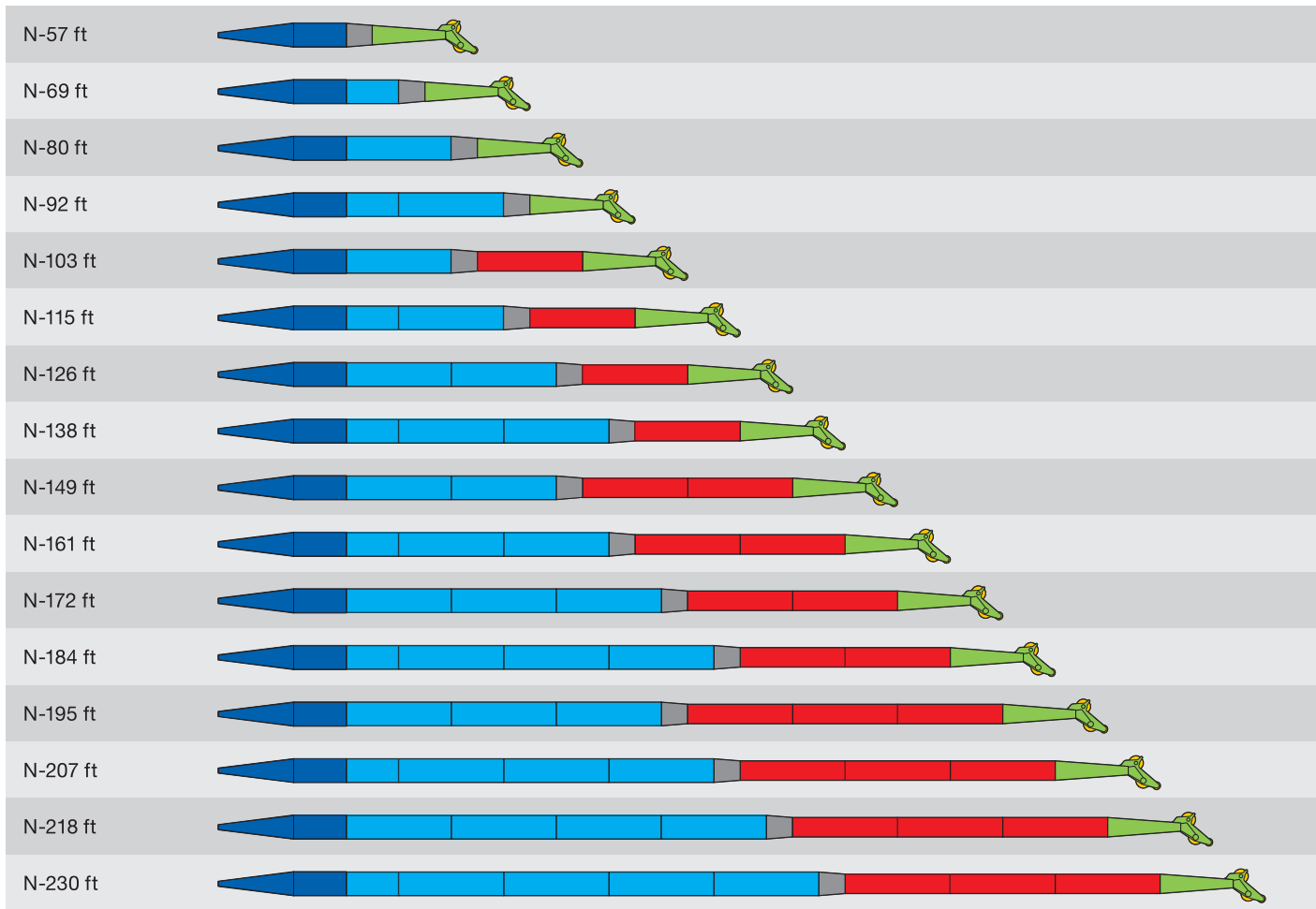
**TF**



UIS3142

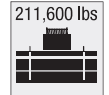
# Boom/jib combinations - Luffing fly jib

## Configurations de flèche - Fléchette à volée variable



# Counterweight Contrepoids

211,600 lbs

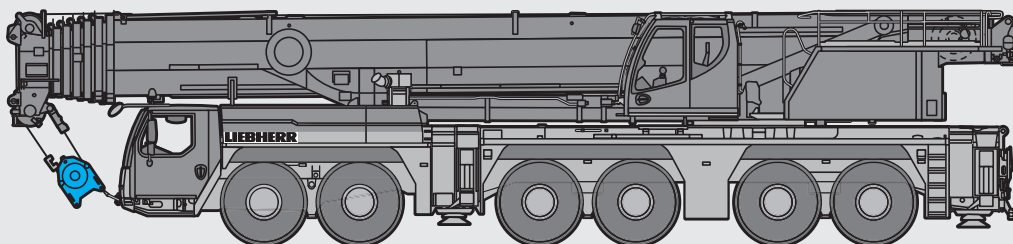



Technically transportable - Transport techniquement simplifié

## Axle/Essieu

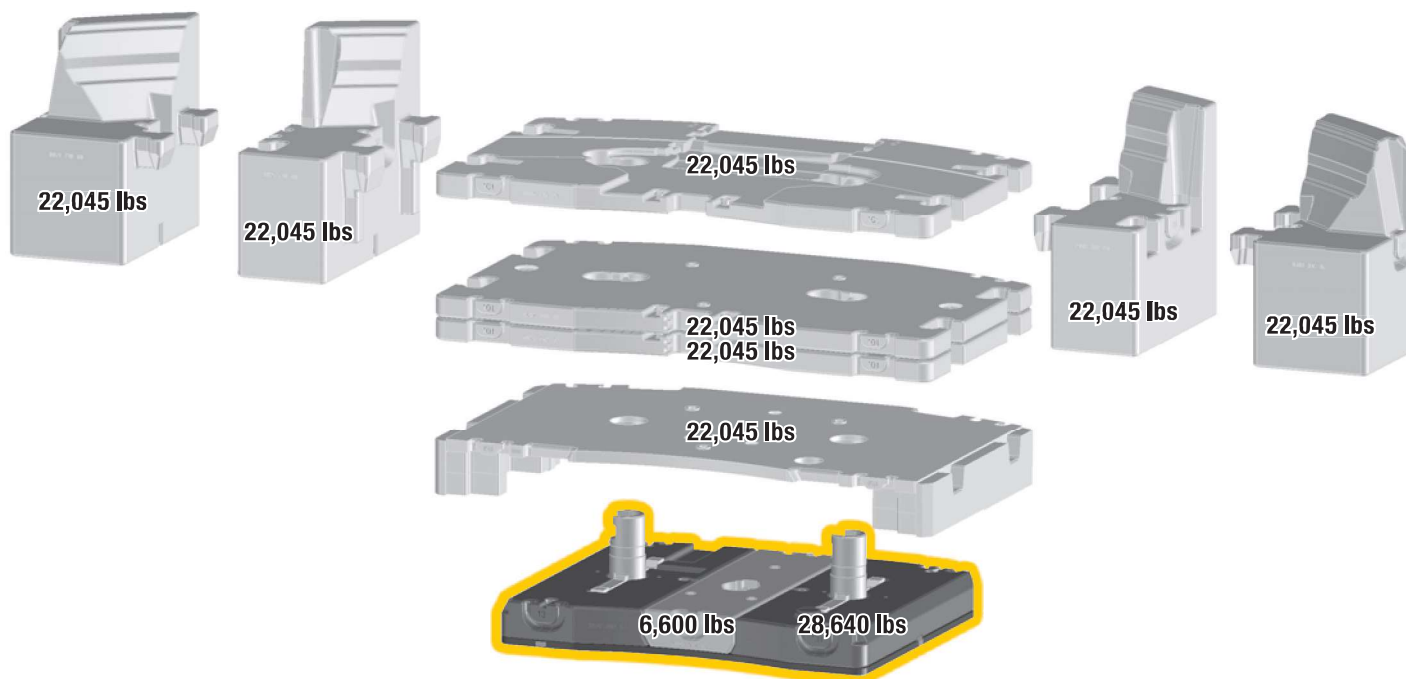
Axle Essieu	1	2	3	4	5	6	Total weight lbs Poids total lbs
lbs	26,400	26,400	26,400	26,400	26,400	26,400	158,400 lbs <sup>1)</sup>

<sup>1)</sup> with sheave set - avec jeu de poulies



S3134

# UK Counterweight - Option Contrepoids



Technically transportable - Transport technique simplifié

# Lifting capacities Forces de levage

T



	48 ft		64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft			
	*																		
10	661.4	298.6															10		
11	504.2	298.6	298.6														11		
12	403.4	298.6	298.6	298.6													12		
13	385.2	298.6	298.6	298.6													13		
14	365.9	298.6	298.6	298.6													14		
15	349.7	298.6	298.6	298.6	248.3	191.2											15		
16	332.8	298.6	298.6	290.6	247.8	198.4											16		
17	318	297.3	296.2	279.6	246.7	198											17		
18	307.3	293.5	287.2	272.7	245.5	197.6											18		
19	297.7	284.4	278.8	264.2	244.2	197.1	159.8										19		
20	288.4	274.8	270.9	256.3	241.9	196.2	159.3										20		
22	271.3	256.4	257.1	241.9	230.3	194.3	158.3	130.2									22		
24	255	239.4	241.2	229.6	217.8	192.3	157.4	129.7									24		
26	235.7	223	225	218.6	206.8	190.4	156.4	129.2	102.1								26		
28	218.2	208.6	210.6	208	197	186.8	155.4	128.6	101.9								28		
30	202.9	195.8	197.7	197.6	188.3	182.4	154.4	128	101.6	82.1							30		
32	189.4	184.2	186.1	186.5	180.4	174.6	153.2	127.4	101.2	82							32		
34	177.5	173.3	175.3	175.9	172.7	167.5	151.9	126.8	100.9	81.8	66.1						34		
36	166.8	163.6	165.4	166.1	165.2	161.1	150.5	126.1	100.5	81.5	65.8						36		
38	156	154.6	156.5	157.2	156.6	155.1	147.1	125.1	99.1	81.1	65.6	54.1					38		
40	130.5	130.5	148	148.7	148.1	148.7	142.2	123.9	97.6	80.6	65.4	53.9					40		
45			130	130.1	132.1	131.7	129.4	120.6	92.3	78.6	64.6	53.4	43.6				45		
50			115.9	117.4	117.5	116.6	115.2	114.3	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50		
55			96.1	105.1	105.2	104.3	104.9	104.3	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55		
60				94.8	94.8	93.9	96.1	94.5	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60		
65				85.7	85.7	84.7	86.9	85.4	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65		
70				74.2	77.9	78.8	79.1	77.6	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70		
75					71.1	73.3	72.3	70.8	63.3	56.2	50.1	44.5	37.8	32.7	28	27.7	75		
80					65.3	67.4	66.4	64.8	59.6	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80		
85					60.7	62.2	61.2	59.6	56.2	50.1	45.1	40.6	35.3	30.5	26.3	26	85		
90						57.6	56.6	55	52.8	47.3	42.9	38.7	34	29.5	25.4	25.2	90		
95						53.6	52.5	50.9	49.3	44.9	40.7	36.9	32.8	28.6	24.6	24.4	95		
100						49.3	48.8	47.2	45.7	42.5	38.6	35.2	31.6	27.6	23.8	23.6	100		
105						25.6	45.5	43.9	43.4	40.1	36.8	33.6	30.5	26.7	23	22.9	105		
110							42.5	40.9	41.9	38.1	34.9	32.1	29.3	25.7	22.3	22.2	110		
115							39.5	38.1	39.7	36	33.1	30.6	28.2	25	21.5	21.5	115		
120							27.2	36.9	37.2	33.6	31.5	29.2	27.1	24.2	20.9	20.8	120		
125								35.9	34.9	32.1	30.1	27.9	26	23.4	20.2	20.2	125		
130								34.3	32.7	30.7	28.6	26.5	25	22.6	19.6	19.6	130		
135								24.2	30.7	28.7	27.1	25.4	23.9	22	19	19	135		
140									28.9	26.9	25.4	24.2	22.9	21.3	18.4	18.4	140		
145									27	25.9	24.3	23.1	22	20.6	17.8	17.7	145		
150									21.8	25.2	23.3	22.1	21.1	20	17.3	17.1	150		
155										24.7	22.4	21.1	20.2	19.3	16.7	16.5	155		
160										23.4	21.1	19.8	19.3	18.6	16.2	15.8	160		
165										18.6	19.8	19.1	18.5	17.9	15.6	15.2	165		
170												19.1	18.4	17.8	17.2	15.1	14.6	170	
175												18.7	17.8	16.9	16.5	14.6	14	175	
180													15.3	17.1	16	15.9	14.2	13.3	180
185														16.2	15.5	15.3	13.7	12.7	185
190														15.3	15	14.6	13.2	12.2	190
195														13.2	14.6	13.9	12.8	11.6	195
200														5.4	14.2	13	12.3	11.1	200
205															13.5	12.2	11.9	10.6	205
210															10.3	11.4	11.4	10.1	210
215															4.7	10.7	10.9	9.6	215
220																9.9	10.2	9.2	220
225																7.2	9.5	8.7	225
230																	8.8	8.3	230
235																	7.6	7.9	235
240																	4.8	5.9	240

\* over rear - en arrière

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# Lifting capacities

## Forces de levage

T



85%

	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	298.6	296.2	279.6	246.7	198											17
18	298.6	287.2	272.7	245.5	197.6											18
19	294.9	278.8	264.2	244.2	197.1	159.8										19
20	288.4	270.9	256.3	241.9	196.2	159.3										20
22	271.3	257.2	241.9	230.3	194.3	158.3	130.2									22
24	255	242.8	229.6	217.8	192.3	157.4	129.7									24
26	235.7	230.1	218.6	206.8	190.4	156.4	129.2	102.1								26
28	218.2	218.3	208	197	186.8	155.4	128.6	101.9								28
30	202.9	205.1	198	188.3	182.4	154.4	128	101.6	82.1							30
32	189.4	191.5	188.9	180.4	174.6	153.2	127.4	101.2	82							32
34	177.5	179.5	179.5	172.7	167.5	151.9	126.8	100.9	81.8	66.1						34
36	166.8	168.7	169.5	165.2	161.1	150.5	126.1	100.5	81.5	65.8						36
38	156	159.1	159.8	158.1	155.1	147.1	125.1	99.1	81.1	65.6	54.1					38
40	130.5	150.5	151.1	150.6	149.2	142.2	123.9	97.6	80.6	65.4	53.9					40
45		131.9	132.6	132.2	133.9	130.1	120.6	92.3	78.6	64.6	53.4	43.6				45
50		118.4	117.6	119.9	119	117.7	115.2	86.4	75.4	63.3	52.9	43.3	36.5	30.3		50
55		96.1	107.6	107.6	106.8	105.5	106.9	81.2	71.2	61.2	52.1	42.5	36.1	30.1	29.3	55
60			97.3	97.4	96.5	98	97.1	76.2	67.3	58.4	50.5	41.5	35.4	29.9	29.2	60
65			88.4	88.4	87.4	89.6	88.1	71.5	63.5	55.5	48.5	40.4	34.6	29.4	28.8	65
70			74.2	80.6	79.6	81.8	80.3	67.3	59.8	52.8	46.5	39.1	33.7	28.8	28.4	70
75				73.8	74	74.9	73.5	63.3	56.2	50.1	44.5	37.8	32.7	28	27.7	75
80				68	69.8	69	67.5	59.6	53.1	47.5	42.6	36.5	31.6	27.1	26.8	80
85				60.7	64.8	63.8	62.2	56.2	50.1	45.1	40.6	35.3	30.5	26.3	26	85
90					60.2	59.1	57.6	52.8	47.3	42.9	38.7	34	29.5	25.4	25.2	90
95					56.1	55	53.4	49.5	44.9	40.7	36.9	32.8	28.6	24.6	24.4	95
100					49.3	51.3	49.7	46.9	42.5	38.6	35.2	31.6	27.6	23.8	23.6	100
105					25.6	47.9	46.3	44.3	40.1	36.8	33.6	30.5	26.7	23	22.9	105
110						44.9	43.2	41.9	38.1	34.9	32.1	29.3	25.7	22.3	22.2	110
115						39.6	40.4	40.6	36.2	33.1	30.6	28.2	25	21.5	21.5	115
120						27.2	37.9	39.2	34.4	31.5	29.2	27.1	24.2	20.9	20.8	120
125							35.9	37	32.7	30.1	27.9	26	23.4	20.2	20.2	125
130							34.7	34.9	31.1	28.6	26.5	25	22.6	19.6	19.6	130
135							24.2	32.9	29.3	27.2	25.4	23.9	22	19	19	135
140								31	27.9	26	24.2	22.9	21.3	18.4	18.4	140
145								27.5	26.8	24.8	23.1	22	20.6	17.8	17.7	145
150								21.8	25.6	23.6	22.1	21.1	20	17.3	17.1	150
155									24.7	22.6	21.1	20.2	19.3	16.7	16.5	155
160									24	21.6	20.2	19.3	18.6	16.2	15.8	160
165									18.6	20.8	19.3	18.5	17.9	15.6	15.2	165
170										20	18.5	17.8	17.2	15.1	14.6	170
175										18.7	17.8	17	16.5	14.6	14	175
180										15.3	17.2	16.3	15.9	14.2	13.3	180
185											16.6	15.6	15.3	13.7	12.7	185
190											15.7	15	14.6	13.2	12.2	190
195											13.2	14.6	14	12.8	11.6	195
200											5.4	14.2	13.5	12.3	11.1	200
205												13.7	13	11.9	10.6	205
210												10.3	12.5	11.4	10.1	210
215												4.7	11.8	11	9.6	215
220													10.3	10.6	9.2	220
225													7.2	10.2	8.7	225
230														9.6	8.3	230
235														7.6	7.9	235
240														4.8	5.9	240

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# Lifting capacities Forces de levage

T



85%

	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	298.6	298.6	290.6	247.8	198.4											16
17	294.7	296.2	279.6	246.7	198											17
18	283.8	284.5	272.7	245.5	197.6											18
19	272.1	272.9	264.2	244.2	197.1	159.8										19
20	260.7	262.7	256.3	241.9	196.2	159.3										20
22	239.6	241.8	241.8	230.3	194.3	158.3	130.2									22
24	220.5	222.6	223.1	217.7	192.3	157.4	129.7									24
26	202.5	204.9	205.8	204.4	190.4	156.4	129.2	102.1								26
28	187	189.3	190.1	189.2	186	155.4	128.6	101.9								28
30	173.4	176.4	176.2	178.5	173.9	154.4	128	101.6	82.1							30
32	160.9	164.8	166.5	166.7	162.4	152.7	127.4	101.2	82							32
34	149.3	153.3	155.1	155.4	152.1	145.3	126.8	100.9	81.8	66.1						34
36	139.1	142.9	144.9	144.8	143	136.7	126.1	100.5	81.5	65.8						36
38	130	133.8	135.7	135.9	134.6	131.9	124.2	99.1	81.1	65.6	54.1					38
40	121.9	125.7	127.4	127.6	126.6	126	120.3	97.6	80.6	65.4	53.9					40
45		108.4	110.2	110.2	111.7	110.3	104.3	92.3	78.6	64.6	53.4	43.6				45
50		93.2	95.2	96.8	98.1	96.2	90.7	85.3	75.4	63.3	52.9	43.3	36.5	30.3		50
55		79.9	81.9	85.1	84.8	83.7	79.6	75.8	70.9	61.2	52.1	42.5	36.1	30.1	29.3	55
60			73	74.1	73.8	72.7	70.9	67.8	63.7	58.4	50.5	41.5	35.4	29.9	29.2	60
65			64.4	65.2	64.9	63.7	62.5	61.4	58	54.3	48.5	40.4	34.6	29.4	28.8	65
70			57.2	57.9	57.6	56.5	56.5	56.5	52.6	48.8	46	39.1	33.7	28.8	28.4	70
75				51.8	51.5	50.3	52	50.6	47.3	45.9	42.7	37.8	32.7	28	27.7	75
80				46.7	46.3	46.8	47.2	45.4	42.7	41.8	38.6	36.5	31.6	27.1	26.8	80
85				42.4	41.9	43.9	42.7	40.9	39.9	37.9	36	34.3	30.5	26.3	26	85
90					38.6	40	38.8	37.5	37.7	34.5	34.1	31.7	29.5	25.4	25.2	90
95					36.9	36.6	35.4	34.3	34.7	32.7	31.6	29.1	28.5	24.6	24.4	95
100					34.2	33.7	32.4	32.8	31.7	30.9	28.9	28	27	23.8	23.6	100
105					25.6	31	30.1	30.7	29.1	29.4	27.1	26.5	25.1	23	22.9	105
110						28.6	28.3	28.3	27.2	27	25.9	24.7	23	22	22	110
115						26.5	27.2	26.2	26	24.8	24.4	22.8	21.1	20.6	20.3	115
120						24.7	25.4	24.2	24.4	22.9	22.9	21.1	19.4	19	18.7	120
125							23.6	22.3	22.6	22	21.2	19.5	17.8	17.4	17.1	125
130								22	21.5	20.8	20.6	19.4	18	16.3	16	130
135								20.5	20.5	19.2	19.1	17.8	16.6	14.9	14.7	135
140									19	18	17.6	16.4	15.3	13.6	13.4	140
145									17.7	16.7	16.2	15	14	12.4	12.3	145
150									16.6	15.5	15	13.8	12.8	11.3	11.2	150
155										14.4	13.9	12.6	11.6	10.1	10.2	155
160										13.4	12.8	11.5	10.5	9.1	9.2	160
165										12.4	11.8	10.6	9.5	8.1	8.3	165
170											10.9	9.6	8.6	7.1	7.4	170
175											10	8.8	7.7	6.2	6.5	175
180											9.2	7.9	6.9	5.4	5.7	180
185												7.2	6.1	4.7	4.9	185
190												6.5	5.4	3.9	4.2	190
195												5.8	4.7		3.5	195
200												5.2	4.1			200
205													3.5			205

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# Lifting capacities

## Forces de levage

T



85%

	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.6	298.6	298.6													14
15	298.6	298.6	298.6	248.3	191.2											15
16	297.4	298.5	290.6	247.8	198.4											16
17	291.7	291.9	279.6	246.7	198											17
18	278.6	279.1	272.7	245.5	197.6											18
19	266.3	267.7	264.2	244.2	197.1	159.8										19
20	254.5	256.7	255.4	241.9	196.2	159.3										20
22	232	234.6	234.7	229.8	194.3	158.3	130.2									22
24	211.7	214.2	214.6	212.1	192.3	157.4	129.7									24
26	194.3	196.7	197.6	196	189.4	156.4	129.2	102.1								26
28	178.8	182.7	182	184.5	176.8	155.4	128.6	101.9								28
30	164.3	168.5	170.2	170.1	164.3	153.3	128	101.6	82.1							30
32	151.7	155.8	157.4	157.9	152.9	144.8	127.4	101.2	82							32
34	140.6	144.6	146.5	146.7	141.3	137.9	126.8	100.9	81.8	66.1						34
36	130.9	134.8	136.7	136.6	131.1	129	120.6	100.5	81.5	65.8						36
38	122.1	126	128	128.1	125.3	120.1	112.7	99.1	81.1	65.6	54.1					38
40	113.4	117.7	119.7	119.7	118.7	112.1	105.2	96.5	80.6	65.4	53.9					40
45		97.1	99.5	102.8	101.1	95.5	89.7	85.8	78.6	64.6	53.4	43.6				45
50		82.2	85.2	86.5	86.1	82.8	78.3	74.2	70	63.3	52.9	43.3	36.5	30.3		50
55		69.8	72.9	73.9	73.6	72.1	69.7	67.1	63.2	58.9	52.1	42.5	36.1	30.1	29.3	55
60			63.1	64	63.7	62.6	62	60.4	55.9	53.4	49.4	41.5	35.4	29.9	29.2	60
65			55.2	56.1	55.7	55.5	56.7	53.8	50.3	48.2	44.2	40.4	34.6	29.4	28.8	65
70			48.8	49.6	49.2	51.2	50.2	48.1	45.9	42.9	40.7	38.9	33.7	28.8	28.4	70
75				44.2	44.9	45.9	44.8	43.5	42.5	39.7	38.1	35	32.7	28	27.7	75
80				39.6	41.8	41.3	40.1	39.2	39	36.6	34.5	32.7	31.4	27.1	26.8	80
85				35.8	37.8	37.3	36.8	36.9	35.3	34.2	32.3	30.7	29	26.2	26	85
90					34.4	33.9	33.6	33.7	32.4	31.4	30.3	28.4	26.5	25.2	24.7	90
95					31.4	30.9	31.7	30.6	30.8	28.7	28	25.8	24	23.5	23.1	95
100					28.8	28.2	29.1	28	28.1	27.2	25.6	23.6	21.8	21.3	20.9	100
105					25.6	26.9	26.7	26.5	25.8	25.6	23.5	21.5	19.8	19.4	19	105
110						25.2	24.6	24.7	23.6	23.5	21.6	19.7	18	17.6	17.2	110
115						23.3	22.7	22.8	21.9	21.4	19.8	17.9	16.3	16	15.6	115
120						21.6	21	21	20	19.6	18.2	16.4	14.8	14.5	14.2	120
125							19.4	19.3	18.4	17.9	16.6	15	13.3	13.1	12.7	125
130							17.9	17.8	16.8	16.3	15.1	13.6	12	11.8	11.5	130
135							16.6	16.4	15.4	14.9	13.7	12.4	10.8	10.6	10.3	135
140								15.1	14.1	13.7	12.4	11.3	9.7	9.5	9.2	140
145								13.9	12.9	12.5	11.2	10.2	8.6	8.5	8.2	145
150								12.9	11.9	11.3	10.1	9.1	7.6	7.5	7.2	150
155									10.9	10.3	9.1	8.1	6.6	6.6	6.3	155
160									10	9.4	8.1	7.1	5.7	5.8	5.5	160
165									9.1	8.5	7.3	6.2	4.8	5	4.7	165
170										7.7	6.4	5.4	3.9	4.2	3.8	170
175										6.9	5.7	4.6				175
180										6.2	5	3.9				180
185											4.3					185
190											3.7					190

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# Lifting capacities

## Forces de levage

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85%

	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	298.5	298.6	298.4													14
15	298.1	297.5	292.7	248.3	191.2											15
16	282.9	283.2	280.1	245.7	198.4											16
17	266.1	267.9	266.3	238.9	198											17
18	250.9	253	248.3	223.7	197.4											18
19	236.9	239.5	228.1	205.5	192.6	159.8										19
20	223.4	225.6	210.3	194.2	178.2	155.7										20
22	198.6	196.3	184.6	168.9	160.3	146.5	130									22
24	177.7	171.1	159.4	152.6	141	129.2	118.1									24
26	154.6	148.2	140	134.8	125.2	115.2	107.2	98								26
28	134	130	127.6	120.3	112.1	104.6	97.9	92.6								28
30	114.8	117.5	114	108.1	101.2	96.1	92.1	84.5	75.5							30
32	99.3	105.3	102.7	98.4	92	88.6	84.2	77.6	72.2							32
34	87	94.5	93.5	89.6	84.8	83.1	77.4	71.8	67	59.2						34
36	76.8	84.2	85.4	81.8	78.3	76.8	71.4	66.2	63.3	58.4						36
38	68.4	75.6	78.3	75.5	74.3	71.1	67.2	63	59.8	56.2	50.1					38
40	61.4	68.3	71.8	69.7	69.8	66	62.8	60	56.1	53.3	47.9					40
45		54	57.5	60.6	58.6	55.5	54.8	51.5	49.5	46.9	43.4	39.3				45
50		43.8	47.2	50.2	49.8	49.2	47.1	45.5	42.8	40.7	37.1	33.4	31.1	29.4		50
55		36.1	39.4	42.2	42.6	43	41	39.4	36.8	34.9	31.7	28.3	26.2	25	24.4	55
60			33.2	35.9	36.7	37.3	35.4	34.1	31.9	30.1	27.2	24.2	22.2	21.2	20.7	60
65			28.1	30.9	31.6	32.5	30.9	29.7	27.6	26.1	23.4	20.7	18.7	18	17.6	65
70			23.6	26.5	27.3	28.2	27	26	24	22.6	20.3	17.7	15.7	15.3	14.8	70
75				22.9	23.6	24.6	23.8	22.8	20.9	19.6	17.4	15.2	13	12.9	12.5	75
80				19.7	20.4	21.4	20.9	20	18.2	17.1	15	12.9	10.7	10.6	10.3	80
85				17	17.6	18.6	18.2	17.6	15.9	14.9	12.9	10.9	8.7	8.6	8.3	85
90					15.3	16.2	15.8	15.5	13.8	12.9	10.9	9.1	6.7	6.8	6.3	90
95					13.2	14.2	13.8	13.6	12	11.1	9.2	7.4	4.8	4.9	4.4	95
100					11.5	12.3	11.9	11.8	10.4	9.5	7.6	5.7				100
105					10	10.7	10.3	10.2	9	8	6.2	4				105
110						9.3	8.9	8.7	7.6	6.7	4.6					110
115						8.1	7.6	7.4	6.4	5.5						115
120						7	6.4	6.3	5.3	4.1						120
125							5.4	5.2	4							125
130								4.5	4.2							130
135									3.7							135

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# Lifting capacities Forces de levage

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	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	240 ft	253 ft	256 ft	
10	298.6															10
11	298.6	298.6														11
12	298.6	298.6	298.6													12
13	298.6	298.6	298.6													13
14	295.3	297.5	297.6													14
15	286.2	288.4	267.6	233.8	191											15
16	270.2	271.7	246.9	216.2	195.4											16
17	253.2	248.9	221.5	197.5	177.9											17
18	236.5	224.3	204.9	183.2	166.9											18
19	220.5	203.2	185.6	172.5	155.6	139.4										19
20	201.6	186.2	168.8	158.6	143.8	129.3										20
22	163	153.7	146.1	135.1	123.7	113.4	100.4									22
24	135.6	132.5	125.8	117.3	108	102.8	95.4									24
26	115	114.1	110.2	103.1	96.2	92.8	85.2	76.9								26
28	99.1	99.6	97	91.5	89.2	83.4	78.2	72.4								28
30	85.6	87.9	86.2	83.1	80.6	75.4	70.8	66.9	60.6							30
32	73.3	78.2	77.2	76.5	73.1	68.5	66.4	61.4	58.3							32
34	63.6	70	70	70.1	66.6	64	60.7	57.9	53.6	47.5						34
36	55.6	62.9	63.5	63.8	60.9	59.5	56	52.8	49.1	45.9						36
38	49	56.1	57.4	58.2	55.5	54.4	51.3	48.5	45	42.1	37.8					38
40	42.7	50.3	52	53	51.3	50	47.1	44.7	41.3	38.7	35.3					40
45		37.9	41.2	42.6	41.6	40.9	38.6	36.7	33.9	31.7	28.7	25.2				45
50		29.1	33	35	34.3	34	32.1	30.5	28	26.1	23.5	20.5	17.9	17.4		50
55		22.2	26.3	29	28.6	28.5	26.8	25.6	23.3	21.7	19.2	16.6	14.1	13.8	13.4	55
60			20.8	24.1	23.9	24.1	22.6	21.5	19.5	18	15.7	13.5	10.9	10.7	10.3	60
65			16.6	19.8	20.1	20.4	19.1	18.2	16.3	15	12.7	10.7	8	7.8	7.3	65
70			13.1	16.2	17	17.4	16.1	15.3	13.5	12.3	10.3	8.3	4.9	4.8	4.4	70
75				13.3	14.1	14.8	13.6	12.9	11.2	10.1	8.1	5.6				75
80				10.9	11.6	12.5	11.5	10.8	9.1	8.1	5.6	3.4				80
85				8.9	9.5	10.5	9.5	8.9	7.3	6	3.6					85
90					7.7	8.7	7.9	7.3	5.3	4.1						90
95					6.1	7.1	6.4	5.6	3.4							95
100					4.7	5.6	4.7	3.8								100
105					3.7	3.9										105

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# Lifting capacities Forces de levage

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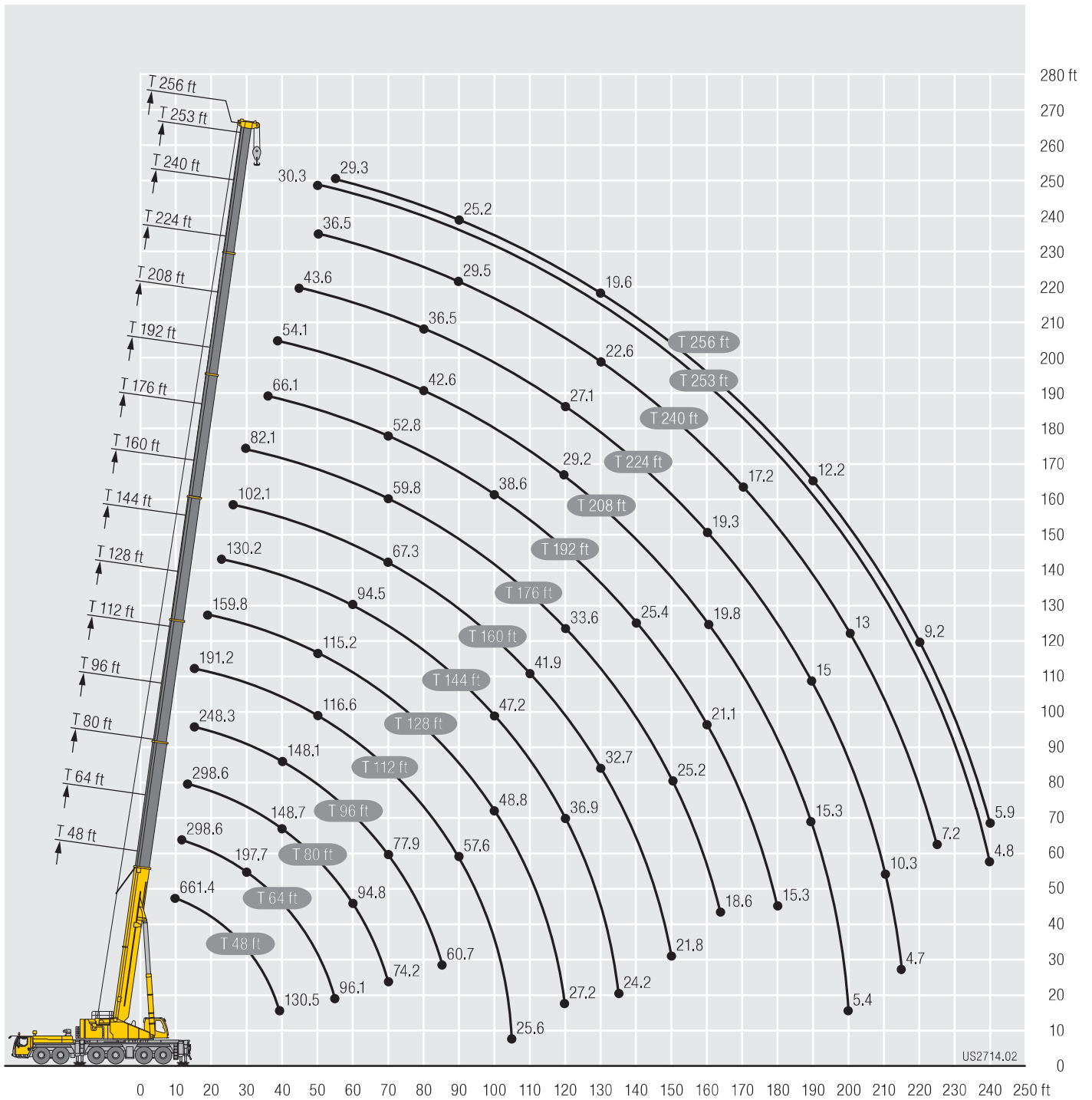


	48 ft	64 ft	80 ft	96 ft	112 ft	128 ft	144 ft	160 ft	176 ft	192 ft	208 ft	224 ft	
10	298.6												10
11	298.6	298.6											11
12	298.6	298.6	298.6										12
13	298.6	298.6	288.7										13
14	293.3	295.3	270.6										14
15	279	273.2	239.5	204.3	171								15
16	261.1	241.7	210.3	188.3	162.3								16
17	239.2	211.8	191.5	171.4	154.9								17
18	211.4	189.7	175.5	158.5	141.4								18
19	186.3	169.2	158.7	143.4	129	114.8							19
20	164.5	154.4	144.1	131.6	118.9	110							20
22	132	128.4	120.6	111.6	104.6	97.8	81.2						22
24	108.9	108.1	103.4	96.4	93.3	85.8	79.4						24
26	91.5	92.6	90.1	87.9	82.3	76	71.9	65.4					26
28	78	80.2	79.1	77.7	72.7	69.5	65	60.2					28
30	65.7	69.3	69.1	68.3	64.9	62.2	57.8	54	45.2				30
32	55.7	59.8	60.4	60.9	57.8	55.7	51.8	48.6	44.6				32
34	47.6	52	53.4	54.1	51.8	50.1	46.8	43.8	40.1	34.5			34
36	40.6	45.6	47.4	48.3	46.7	45.3	42.4	39.7	36.4	33.7			36
38	34.3	40.3	42.3	43.7	42.3	41.1	38.5	36.2	33.1	30.6	26.6		38
40	28.8	35.7	37.8	39.5	38.3	37.5	35.1	33	30.1	27.8	24.7		40
45		26.6	29	31	30.4	30	28.1	26.5	24	22.1	19.3	16.7	45
50		19.1	22.5	24.8	24.4	24.4	22.8	21.4	19.2	17.5	15.1	12.7	50
55		13.6	17.6	19.9	19.7	19.9	18.5	17.4	15.3	13.9	11.6	9	55
60			13.2	16	15.9	16.3	15	14.1	12.3	10.9	8.4	5.5	60
65			9.7	12.8	12.8	13.3	12.1	11.3	9.5	8.1	5.1		65
70			6.9	10.1	10.3	10.8	9.7	8.9	6.8	5.3			70
75				7.7	8	8.6	7.4	6.5	4.3				75
80				5.2	5.7	6.5	5	4.3					80
85					3.6	4.3							85

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# Lifting heights Hauteurs de levage

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# Lifting capacities Forces de levage

TK



	48 ft			64 ft			80 ft			96 ft			112 ft			128 ft			144 ft			160 ft			
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	128.3	101.2																							12
13	125.9	99.2	84.3	130.9	103																				13
14	122.7	97.2	82.9	130.3	101.1		130.4																		14
15	119.5	95.3	81.7	127.6	99.4	83.9	129.2	100.7																	15
16	116.3	93.5	80.5	124.9	97.8	82.8	127.4	99.6		126.8															16
17	113.7	91.8	79.3	122.4	96.2	81.8	125.2	98.2		125.1															17
18	111.2	90.1	78.2	120	94.7	80.8	123.1	96.8	81.8	123.4	97.5		121.2												18
19	108.6	88.4	77.1	117.6	93.3	79.9	121	95.5	81	121.7	96.4		119.9												19
20	106	86.9	76.1	115.2	91.9	78.9	119	94.2	80.2	120	95.3		118.6												20
22	101.2	84	74	110.7	89.2	77.1	115.1	91.7	78.5	116.6	93	79.4	115.9	93.5		105.6									22
24	96.9	81.1	72.2	106.7	86.4	75.3	111.2	89.2	77	113.1	90.8	77.9	113.1	91.5	78.3	105.6	91.1								24
26	92.9	78.6	70.4	102.6	84.1	73.6	107.5	87	75.4	109.9	88.7	76.5	110.2	89.5	77	105.3	89.6		95.2						26
28	89.1	76.1	68.8	98.8	81.8	72.2	104.2	84.8	74.1	106.9	86.7	75.2	107.5	87.6	75.8	104.7	88.2	76.8	94.7	83.6					28
30	86	73.8	67.3	95.4	79.5	70.8	101.1	82.8	72.7	103.9	84.8	73.9	104.8	85.8	74.6	103.9	86.9	75.8	94.2	82.7			79.4		30
32	82.8	71.9	65.9	92.3	77.5	69.4	98	81	71.4	100.9	83	72.8	102.4	84.2	73.5	102.4	85.6	74.8	93.4	81.7	73	79.4			32
34	79.9	70.1	64.7	89.2	75.6	68.2	95.1	79.2	70.2	98.5	81.2	71.6	100.1	82.6	72.4	100.8	84.3	73.9	92.4	80.7	72.2	79.3	73.9		34
36	77.4	68.3	63.6	86.5	73.8	67	92.4	77.5	69.1	96.1	79.6	70.5	97.8	81.1	71.4	99.1	83.1	73	91.5	79.8	71.4	79	73.3	67.7	36
38	74.9	66.7	62.6	84.1	72.1	65.9	89.9	75.9	68	93.7	78.2	69.5	95.6	79.7	70.5	97.4	81.8	72.2	90.4	78.8	70.7	78.6	72.7	67.2	38
40	72.6	65.2	61.7	81.7	70.7	64.9	87.6	74.3	67	91.4	76.8	68.5	93.6	78.2	69.5	95.7	80.6	71.3	89.3	77.9	69.9	78.2	72	66.6	40
45	67.9	62.2	60.1	76.3	67.2	62.7	82.3	70.8	64.8	86.3	73.3	66.3	88.9	75.2	67.4	91.6	77.6	69.4	86.3	75.4	68.2	76.5	70.2	65.2	45
50	64.1	59.9	59.4	71.7	64.3	60.9	77.7	67.9	62.9	81.8	70.4	64.3	84.4	72.3	65.5	88	75	67.5	83.1	73.2	66.6	73.6	67.9	63.7	50
55	60.5	58.2	9.1	68	61.9	59.7	73.7	65.2	61.2	78	67.8	62.6	80.7	69.7	63.7	84.3	72.5	66	78.7	71	65.1	69.8	65.1	61.7	55
60				64.7	59.9	32.6	70.2	63	59.9	74.4	65.6	61.2	77.2	67.3	62.2	81.2	70.2	64.4	73.8	69	63.8	66.1	62.3	59.3	60
65				62.2	58.8	16	67.2	61.1	58.9	71.2	63.4	59.9	74.2	65.3	60.9	78.2	68.3	63.1	69.1	66.9	62.6	62.5	59.9	57.1	65
70				59.3	57.5	9.5	64.5	59.6	47.6	68.4	61.7	59	71.4	63.5	59.8	74.8	66.5	61.9	64.9	64.3	61	59	57.5	55.1	70
75				41.9			62.3	58.4	22.2	65.9	60.1	58.1	68.9	61.7	58.8	68.5	64.9	60.9	60.9	60.6	58.8	55.6	55.1	53.1	75
80							60.5	57.8	13.8	63.9	58.9	57.8	64.2	60.4	58	62.6	63	60.1	57.1	56.9	56.4	52.7	52.5	51.1	80
85							58.2	55.9	9.2	60.2	57.8	29	59	59	57.4	57.3	57.9	58	53.7	53.6	53.6	49.8	49.8	49	85
90							40.8	13.5		55.6	55.9	18.1	54.4	54.8	55	52.7	53.3	53.5	51.4	50.4	50.5	47.2	47.2	46.9	90
95										51.5	51.8	12.5	50.2	50.6	37.1	48.6	49.1	49.3	49.3	47.1	47.4	44.9	44.8	44.8	95
100										47.9	44.9	9	46.6	46.9	22.6	44.9	45.3	45.5	46.2	45.1	44.3	42.6	42.6	42.6	100
105										35.8	15.6	5.7	43.3	43.5	15.8	43.1	41.9	40.7	42.9	43.1	42.9	40.3	40.4	40.5	105
110													40.3	40.5	11.7	41.4	40.2	27.7	39.9	40.2	40.4	38.2	38.2	38.3	110
115													37.6	37.7	8.9	38.9	39	19.2	37.1	37.4	37.6	35.5	35.9	36.1	115
120													31	17	6.3	36.4	36.6	14.4	34.6	34.9	32.4	33	33.3	33.5	120
125																34.1	34.3	11.2	32.3	32.5	22.8	31.3	31.4	31.5	125
130																32	32.1	8.8	30.2	30.4	17.2	29.5	29.8	29.9	130
135																25	18.2	6.6	28.2	28.3	13.5	27.5	27.7	26.7	135
140																			26.3	26.4	10.8	25.6	25.8	20.1	140
145																			24.6	24.7	8.7	23.8	24	15.8	145
150																			20.7	19	6.9	22.2	22.4	12.7	150
155																						20.7	20.9	10.5	155
160																						19.4	19.4	8.6	160
165																						16.4	16.4	7	165
170																						10.5	9.4		170

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# Lifting capacities Forces de levage

TK



Lifting arm height	176 ft 18 ft			192 ft 18 ft			208 ft 18 ft			224 ft 18 ft			240 ft 18 ft			253 ft 18 ft			256 ft 18 ft			Lifting arm height
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
34	64.7																					34
36	64.5																					36
38	64.2	64.7		51.5																		38
40	64	64.5		51.3																		40
45	63.2	63.7	61	50.8	51.2	51.4	41.6															45
50	62.2	62.8	60	50.3	50.7	51.2	41.2	41.5	42.2	34			25.4									50
55	60.7	60.6	58.7	49.7	50	50.5	40.9	41.2	41.3	33.8	33.8	34.1	25.3	25.4		21			20.4			55
60	57.9	57.8	56.7	48.7	48.8	49	40.3	40.1	40.2	33.2	33.2	33.5	25.1	25.2	25.1	21	21		20.4	20.4		60
65	55	54.9	54.4	46.9	47	47.2	39.1	38.9	39	32.5	32.4	32.6	24.9	24.9	25	20.9	20.9	20.9	20.3	20.4	20.3	65
70	52.2	52.2	52.1	44.9	45	45.3	37.9	37.7	37.7	31.6	31.4	31.5	24.6	24.5	24.6	20.7	20.7	20.8	20.2	20.3	20.3	70
75	49.6	49.5	49.7	43	43.1	43.3	36.6	36.4	36.3	30.6	30.3	30.4	24.1	24	24.1	20.4	20.3	20.4	20	20	20.1	75
80	46.9	47	47.1	41.1	41.1	41.4	35.3	35	34.9	29.5	29.3	29.3	23.5	23.4	23.5	19.9	19.9	19.9	19.6	19.6	19.6	80
85	44.4	44.4	44.6	39.2	39.2	39.5	34	33.7	33.6	28.5	28.3	28.3	22.8	22.8	22.8	19.4	19.3	19.4	19.1	19.1	19.1	85
90	42.1	42.1	42.3	37.3	37.4	37.6	32.7	32.4	32.3	27.5	27.3	27.3	22.2	22.1	22.2	18.8	18.7	18.8	18.6	18.5	18.5	90
95	39.8	40	40.1	35.5	35.6	35.8	31.4	31.2	31.1	26.6	26.3	26.3	21.5	21.4	21.5	18.2	18.1	18.2	18	17.9	18	95
100	37.7	37.8	38	33.8	33.9	34.1	30.1	30	29.9	25.6	25.4	25.4	20.9	20.7	20.8	17.6	17.5	17.6	17.4	17.4	17.4	100
105	35.9	35.9	36	32.1	32.2	32.5	28.9	28.8	28.8	24.7	24.5	24.5	20.2	20.1	20.1	17	16.9	17	16.8	16.8	16.8	105
110	34	34.2	34.3	30.6	30.6	30.9	27.6	27.6	27.6	23.7	23.6	23.6	19.5	19.4	19.5	16.5	16.4	16.4	16.3	16.2	16.3	110
115	32.2	32.4	32.5	29.1	29.2	29.4	26.3	26.4	26.5	22.9	22.7	22.7	18.9	18.8	18.8	15.9	15.8	15.9	15.8	15.7	15.7	115
120	30.6	30.7	30.8	27.7	27.8	28	25.1	25.2	25.3	22.1	21.9	21.9	18.2	18.1	18.2	15.4	15.3	15.4	15.3	15.2	15.2	120
125	29.1	29.2	29.3	26.3	26.5	26.6	24	24	24.2	21.3	21.2	21.2	17.6	17.5	17.6	14.8	14.8	14.8	14.7	14.7	14.7	125
130	27.7	27.7	27.9	25	25.2	25.3	22.9	23	23.1	20.5	20.4	20.4	17.1	17	17	14.3	14.3	14.3	14.3	14.2	14.2	130
135	25.8	26.1	26.3	23.8	23.9	24	21.8	22	22.1	19.7	19.6	19.7	16.5	16.4	16.5	13.8	13.8	13.8	13.8	13.7	13.8	135
140	23.9	24.2	24.4	22.7	22.8	22.9	20.8	20.9	21	19	18.9	19	15.9	15.9	15.9	13.4	13.4	13.4	13.3	13.3	13.3	140
145	22.9	22.9	23	21.5	21.7	21.8	19.8	19.9	20	18.2	18.2	18.3	15.4	15.4	15.4	12.9	12.9	12.9	12.9	12.8	12.9	145
150	21.9	21.9	22	20.5	20.6	20.7	18.9	19	19.1	17.5	17.5	17.6	15	14.9	14.9	12.5	12.5	12.5	12.4	12.4	12.4	150
155	20.6	20.8	18.2	19.2	19.5	19.6	17.9	18.1	18.2	16.7	16.8	16.9	14.5	14.4	14.5	12.1	12.1	12.1	12	12	12	155
160	19.2	19.3	14.7	17.8	18.1	18.1	17.1	17.2	17.3	16	16.1	16.2	14	14	14	11.7	11.7	11.7	11.7	11.6	11.7	160
165	17.8	18	12.2	17	17.1	17.1	16.2	16.3	16.4	15.3	15.4	15.4	13.6	13.5	13.6	11.3	11.3	11.3	11.3	11.3	11.3	165
170	16.6	16.7	10.2	16.3	16.3	16.4	15.4	15.6	15.6	14.6	14.6	14.7	13.1	13.1	13.1	10.9	10.9	11	10.9	10.9	10.9	170
175	15.5	15.6	8.6	15.7	15.7	13.9	14.5	14.7	14.7	13.8	13.9	14	12.7	12.7	12.7	10.6	10.6	10.6	10.6	10.6	10.6	175
180	13.1	13.2	7.1	14.8	14.9	11.8	13.5	13.5	13.6	13.2	13.3	13.3	12.3	12.3	12.3	10.2	10.2	10.2	10.2	10.2	10.2	180
185	9.3	9.1		13.8	13.9	10	12.9	12.9	13	12.6	12.7	12.7	11.9	11.9	11.9	9.8	9.8	9.9	9.7	9.8	9.8	185
190				12.8	12.9	8.6	12.4	12.5	12.5	11.4	11.4	11.5	11.5	11.5	11.6	9.5	9.5	9.5	9.2	9.3	9.3	190
195				10.7	10.7	7.2	11.9	12	11.4	10.9	11	11	11	11	11.1	9.1	9.1	9.2	8.8	8.8	8.9	195
200				7.7	7.7	5.1	11.4	11.4	9.9	9.4	9.7	9.8	10.5	10.6	10.6	8.8	8.8	8.9	8.3	8.4	8.4	200
205							9.8	9.9	8.5	7.5	7.9	7.8	10	10.1	10.1	8.5	8.5	8.5	7.9	7.9	8	205
210							8.8	8.8	7.3	5.7	6	6	9.5	9.6	9.6	8.1	8.2	8.2	7.5	7.5	7.5	210
215							5.7	5.8	4.2	4	4.3	4.2	8.8	8.9	8.9	7.8	7.9	7.9	7.1	7.1	7.1	215
220										2.4	2.6	2.3	8.1	8.2	8.2	7.5	7.6	7.6	6.7	6.7	6.7	220
225													7.4	7.5	7.5	7.2	7.2	7.3	6.3	6.3	6.3	225
230													6.9	6.9	6.9	6.9	7	7	5.9	5.9	6	230
235													6.4	6.4	6.4	6.5	6.5	6.5	5.6	5.6	5.6	235
240													4.6	4.8	4.3	5.9	6	6	5.2	5.2	5.2	240
245																5.3	5.3	5.3	4.9	4.8	4.8	245
250																4.4	4.6	4.3	4.4	4.4	4.4	250
255																	2.1		2.8	3	2.6	255

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# Lifting capacities Forces de levage

TK



48 ft 41 ft	48 ft 41 ft			144 ft 41 ft			160 ft 41 ft			176 ft 41 ft			192 ft 41 ft			48 ft 41 ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	52.4															12
13	52.1															13
14	51.7															14
15	51.2															15
16	50.7															16
17	50.1															17
18	49.5															18
19	48.9	39.2														19
20	48.3	39														20
22	47.1	37.2														22
24	45.8	35.3		52.7												24
26	44.3	33.6		52.8												26
28	42.9	32.1	23.1	52.8			47.4									28
30	41.4	30.8	22.8	52.6			47.4									30
32	40.1	29.5	22.1	52.4			47.4			41.7						32
34	38.8	28.5	21.6	52			47.3			41.6						34
36	37.5	27.4	21.1	51.6			47.1			41.6			35.6			36
38	36.3	26.4	20.6	51.2	38.4		46.7			41.5			35.7			38
40	34.9	25.6	20.2	50.7	37.5		46.3			41.3			35.7			40
45	31.2	23.6	19.2	49.3	35.2	23.1	45.4	36.1		40.7			35.5			45
50	28	22.1	18.4	47.8	33.3	22.3	44.5	34.1	22.5	40.1	34.5		35.2			50
55	25.4	20.8	17.8	46.3	31.6	21.7	43.5	32.3	21.9	39.5	32.9	22	34.8	31.8		55
60	23.4	19.6	17.4	44.6	30	21.1	42.6	30.8	21.3	38.8	31.3	21.4	34.4	31	21.5	60
65	21.6	18.7	17.1	42.8	28.7	20.6	41.4	29.5	20.8	38.2	29.9	20.9	34	30.1	20.9	65
70	20.1	18	17.1	41.1	27.5	20.1	40.1	28.3	20.3	37.5	28.7	20.5	33.6	28.8	20.5	70
75	18.8	17.6	16.3	39.5	26.4	19.6	38.8	27.2	19.9	36.7	27.5	20	33.1	27.7	20.1	75
80	17.8	17.5		38	25.4	19.2	37.6	26.2	19.5	35.8	26.6	19.7	32.7	26.7	19.7	80
85				36.5	24.5	18.9	36.4	25.2	19.1	34.9	25.7	19.3	32	25.8	19.4	85
90				34.8	23.6	18.6	35.2	24.4	18.8	34	24.8	19	31.4	25	19.1	90
95				33	22.9	18.3	34.1	23.6	18.5	33.1	24	18.7	30.7	24.3	18.8	95
100				31.3	22.2	18	32.9	22.9	18.2	32.3	23.3	18.4	29.9	23.5	18.5	100
105				29.6	21.5	17.8	31.4	22.3	18	31.5	22.7	18.1	29	22.9	18.2	105
110				28.2	20.9	17.6	30	21.6	17.8	30.5	22.1	17.9	27.8	22.3	18	110
115				26.9	20.4	17.4	28.6	21	17.6	29.4	21.5	17.7	26.5	21.7	17.8	115
120				25.7	19.9	17.3	27.3	20.6	17.4	28.2	21	17.5	25.4	21.1	17.6	120
125				24.6	19.4	17.2	26.3	20.1	17.3	27	20.5	17.4	24.3	20.7	17.4	125
130				23.7	19	17.1	25.2	19.6	17.1	25.9	20.1	17.2	23.2	20.3	17.3	130
135				22.8	18.6	17.1	24.2	19.2	17.1	24.7	19.7	17.2	22.2	19.9	17.2	135
140				21.9	18.3	17.1	23.3	18.9	17	23.6	19.3	17.1	21.2	19.5	17.1	140
145				21.1	18	15.7	22.6	18.6	17	22.6	18.9	17	20.2	19.1	17.1	145
150				20.4	17.8	10.1	21.8	18.2	17	21.5	18.6	17	19.3	18.7	17	150
155				19.7	17.6	7.2	21	18	16.5	20.4	18.4	17	18.4	18.3	17	155
160				19.1	17.5	5.4	20.4	17.8	12.4	19	18.1	17	17.5	17.8	16.8	160
165				18.6	17.5		19.4	17.6	8.7	17.7	17.8	17	16.7	17.1	16.6	165
170				17.2	16		18.1	17.5	6.6	17	17.1	15.1	16	16.4	16.4	170
175				10.2	6.9		17	17.4	5.1	16.3	16.5	10.5	15	15.6	15.8	175
180							15.9	16.3		15.5	15.8	7.8	14	14.7	15	180
185							13.3	15.2		14.5	15	6.1	13.1	13.6	12.2	185
190							7.7	7.5		13.6	14	4.9	12.6	12.7	9.1	190
195										12.7	13		12.1	12.2	7.2	195
200										10.4	12.1		11.6	11.7	5.8	200
205										6.1	7.8		11	11.3		205
210													10.3	10.6		210
215													8.3	9.8		215
220													7.1	7.2		220

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# Lifting capacities Forces de levage

TK



41 ft 41 ft	208 ft			224 ft			240 ft			253 ft			256 ft			41 ft 41 ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	30			23.3												45
50	30.1			23.5			19.4									50
55	29.9			23.6			19.4			16.4			15.9			55
60	29.7	28.3		23.8			19.4			16.4			15.9			60
65	29.5	27.8	20.9	23.9	23.9		19.3			16.4			16			65
70	29.3	27.3	22.6	23.8	23.7		19.2	19.2		16.3			15.9			70
75	28.9	26.9	22	23.6	23.3	22.5	19.1	18.8		16.1	16		15.8	15.7		75
80	28.5	26.4	21.5	23.2	22.8	22.1	18.9	18.4	17.8	15.9	15.8		15.6	15.5		80
85	28.1	25.6	21.1	22.6	22.3	21.6	18.7	17.9	17.4	15.7	15.5	15.1	15.4	15.2	15	85
90	27.4	24.8	20.8	22.1	21.7	21.2	18.2	17.5	16.9	15.5	15.1	14.7	15.2	15	14.6	90
95	26.7	24.1	20.5	21.5	21.1	20.7	17.9	17	16.4	15.1	14.8	14.4	14.9	14.6	14.2	95
100	25.8	23.4	20.2	20.8	20.4	20.3	17.4	16.6	16	14.7	14.4	14	14.5	14.3	13.9	100
105	24.9	22.8	19.9	20.2	19.8	19.7	17	16.1	15.6	14.3	14.1	13.7	14.1	13.9	13.6	105
110	24	22.2	19.4	19.5	19.1	19.1	16.5	15.7	15.2	13.9	13.7	13.4	13.8	13.6	13.3	110
115	23.2	21.7	18.8	18.9	18.5	18.5	16.1	15.3	14.9	13.5	13.3	13	13.4	13.2	12.9	115
120	22.4	21.1	18.2	18.2	17.9	17.9	15.6	14.9	14.5	13.1	12.9	12.7	12.9	12.8	12.6	120
125	21.5	20.7	17.6	17.6	17.3	17.3	15.1	14.6	14.2	12.6	12.5	12.4	12.5	12.4	12.3	125
130	20.7	20.1	17.3	17	16.8	16.7	14.6	4.2	13.9	12.2	12.1	12.1	12.1	12	12.1	130
135	19.9	19.6	17.2	16.4	16.2	16.2	14.1	13.8	13.5	11.8	11.7	11.8	11.7	11.6	11.7	135
140	19.1	19	17.1	15.9	15.7	15.7	13.7	13.4	13.2	11.4	11.3	11.4	11.3	11.2	11.4	140
145	18.3	18.3	17.1	15.4	15.2	15.2	13.2	13	12.9	11	10.9	11	10.9	10.9	11	145
150	17.5	17.7	17	14.9	14.7	14.7	12.8	12.7	12.6	10.6	10.6	10.7	10.6	10.5	10.6	150
155	16.7	17.1	16.8	14.4	14.3	14.3	12.4	12.3	12.3	10.3	10.2	10.3	10.2	10.2	10.3	155
160	16	16.4	16.3	13.9	13.8	13.8	12	11.9	12	9.9	9.9	10	9.8	9.8	9.9	160
165	15.3	15.6	15.7	13.5	13.3	13.4	11.6	11.6	11.6	9.6	9.5	9.6	9.5	9.5	9.6	165
170	14.6	14.9	15.2	13	12.9	13	11.2	11.2	11.3	9.2	9.2	9.3	9.2	9.2	9.3	170
175	13.9	14.2	14.5	12.5	12.5	12.6	10.9	10.8	10.9	8.9	8.9	9	8.9	8.9	9	175
180	13.2	13.6	13.9	12.1	12.1	12.2	10.5	10.5	10.6	8.6	8.6	8.7	8.6	8.6	8.7	180
185	12.6	13	13.2	11.6	11.7	11.8	10.2	10.2	10.3	8.3	8.3	8.4	8.3	8.3	8.4	185
190	12	12.3	12.6	11.1	11.3	11.5	9.8	9.8	9.9	8	8	8.1	8	8	8.1	190
195	11.2	11.7	11.9	10.7	10.9	11.1	9.5	9.5	9.6	7.8	7.8	7.9	7.7	7.8	7.9	195
200	10.3	11	10.7	10.2	10.4	10.7	9.2	9.2	9.3	7.5	7.5	7.6	7.4	7.5	7.6	200
205	9.8	10.1	8.3	9.7	10	10.2	8.9	8.9	9	7.3	7.3	7.4	7.1	7.3	7.4	205
210	9.5	9.5	6.7	9.2	9.5	9.7	8.6	8.7	8.8	7.1	7	7.1	6.8	7.1	7.1	210
215	9.1	9.2	5.5	8.7	9	9.2	8.3	8.4	8.5	6.8	6.8	6.9	6.5	6.8	6.8	215
220	8.7	8.8		7.9	8.4	7.6	7.9	8.1	8.2	6.6	6.6	6.7	6.2	6.4	6.5	220
225	8.4	8.5		7.6	7.7	6.3	7.6	7.8	7.9	6.4	6.4	6.5	5.9	6.1	6.2	225
230	7	8.2		7.4	7.4	5.3	7.2	7.5	7.6	6.2	6.2	6.3	5.5	5.7	5.9	230
235	5.6	6.6		7.1	7.2		6.8	7.1	7	6	6	6.1	5.1	5.4	5.5	235
240				6.9	6.9		6.3	6.6	6	5.8	5.8	5.9	4.8	5	5.1	240
245				6.1	6.8		5.8	6.1	5.1	5.5	5.6	5.7	4.4	4.7	4.7	245
250				3.5	4.8		5.1	5.5		5.2	5.4	5.5	4.1	4.3	4.4	250
255							4.6	4.9		4.6	5	5.1	3.8	4	4	255
260							3.2	4.3		4	4.4		3.5	3.7	3.7	260
265										3.4	3.8		3.2	3.4		265
270										2.8	3.2		2.7	3		270
275														2.4		275

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# Lifting capacities Forces de levage

TK



↙ ↘	48 ft			144 ft			160 ft			176 ft			192 ft			↙ ↘
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	20.8															12
13	20.8															13
14	20.9															14
15	21															15
16	21															16
17	21															17
18	21															18
19	21															19
20	21															20
22	21															22
24	20.9															24
26	20.7															26
28	20.5			20.8												28
30	20.3			20.9			19.9									30
32	20			21			19.9									32
34	19.7	17.8		21			19.9			18.7						34
36	19.4	17.5		21			19.9			18.7						36
38	19.1	17.2		21			19.9			18.8			17.4			38
40	18.7	16.9		21			19.9			18.8			17.4			40
45	17.9	16.1		21			19.9			18.8			17.5			45
50	17.1	15.4		20.8			19.9			18.8			17.5			50
55	16.3	14.7	13.2	20.5	17.5		19.8	17.2		18.8			17.5			55
60	15.5	14.1	12.8	20.3	17		19.6	16.8		18.7	16.3		17.5			60
65	14.8	13.6	12.4	19.9	16.7		19.3	16.4		18.5	16		17.3	15.2		65
70	14.2	13.1	12	19.5	16.2	13.4	19	16		18.2	15.6		17.1	15		70
75	13.6	12.6	11.8	19	15.8	13.2	18.6	15.6	13.1	17.9	15.3		16.8	14.7		75
80	13.1	12.3	11.6	18.6	15.4	13	18.2	15.3	12.9	17.6	15	12.7	16.6	14.4		80
85	12.6	12	11.4	18.1	15.1	12.8	17.8	15	12.7	17.2	14.7	12.5	16.3	14.2	12.2	85
90	12.1	11.7	11.4	17.7	14.7	12.6	17.4	14.6	12.5	16.9	14.4	12.3	16	13.9	12.1	90
95	11.6	11.5	11.4	17.2	14.4	12.4	17	14.3	12.3	16.5	14.1	12.2	15.7	13.7	11.9	95
100	11.1	11.4	11.4	16.7	14.1	12.2	16.6	14.1	12.2	16.2	13.9	12	15.4	13.4	11.8	100
105	10.6	11.3	4.5	16.3	13.8	12.1	16.2	13.8	12	15.8	13.6	11.9	15.1	13.2	11.7	105
110	9.8			15.9	13.5	11.9	15.8	13.5	11.9	15.5	13.4	11.7	14.9	13	11.5	110
115				15.5	13.3	11.8	15.5	13.3	11.8	15.2	13.1	11.6	14.6	12.8	11.4	115
120				15.1	13.1	11.7	15.1	13	11.6	14.9	12.9	11.5	14.4	12.6	11.3	120
125				14.7	12.8	11.6	14.8	12.8	11.5	14.6	12.7	11.4	14.1	12.4	11.2	125
130				14.4	12.6	11.5	14.4	12.6	11.4	14.3	12.5	11.4	13.9	12.3	11.1	130
135				14.1	12.4	11.4	14.1	12.4	11.4	14	12.3	11.3	13.6	12.1	11.1	135
140				13.7	12.2	11.4	13.8	12.3	11.3	13.8	12.2	11.2	13.4	11.9	11	140
145				13.4	12.1	11.4	13.6	12.1	11.3	13.5	12	11.2	13.2	11.8	11	145
150				13.1	11.9	11.4	13.3	11.9	11.2	13.2	11.9	11.1	13	11.7	10.9	150
155				12.9	11.8	11.4	13	11.8	11.2	13	11.7	11.1	12.8	11.5	10.9	155
160				12.6	11.7	11.4	12.8	11.7	11.2	12.8	11.6	11.1	12.6	11.4	10.8	160
165				12.3	11.6	11.4	12.5	11.6	11.2	12.5	11.5	11.1	12.4	11.3	10.8	165
170				12	11.5	11.4	12.3	11.5	11.2	12.3	11.4	11.1	12.2	11.2	10.8	170
175				11.8	11.5	11.4	12.1	11.4	11.2	12.1	11.3	11.1	12	11.1	10.8	175
180				11.5	11.4	8.6	11.8	11.3	11.2	12	11.2	11.1	11.8	11.1	10.8	180
185				11.2	11.3	6.2	11.6	11.3	11.2	11.8	11.2	11.1	11.7	11	10.8	185
190				10.9	11.3		11.4	11.3	10.3	11.6	11.1	11.1	11.5	10.9	10.8	190
195				10.6	11.3		11.2	11.2	7.6	11.4	11.1	11.1	11.2	10.9	10.8	195
200				10.2	10.7		11	11.2	5.8	11.3	11.1	11.1	11	10.9	10.8	200
205							10.8	11.2		11.1	11	9.1	10.7	10.9	10.8	205
210							10.5	11.2		10.9	11	7	10.1	10.6	10.8	210
215							7.7	10.6		10.7	10.9	5.4	9.4	10.2	10.3	215
220										10.1	10.7		9	9.4	8.2	220
225										8.8	9.9		8.7	8.8	6.4	225
230										6	8.1		8.3	8.5	5.2	230
235											3		8	8.2		235
240													7	7.9		240
245													5.2	6.5		245
250														5.2		250

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# Lifting capacities Forces de levage

TK

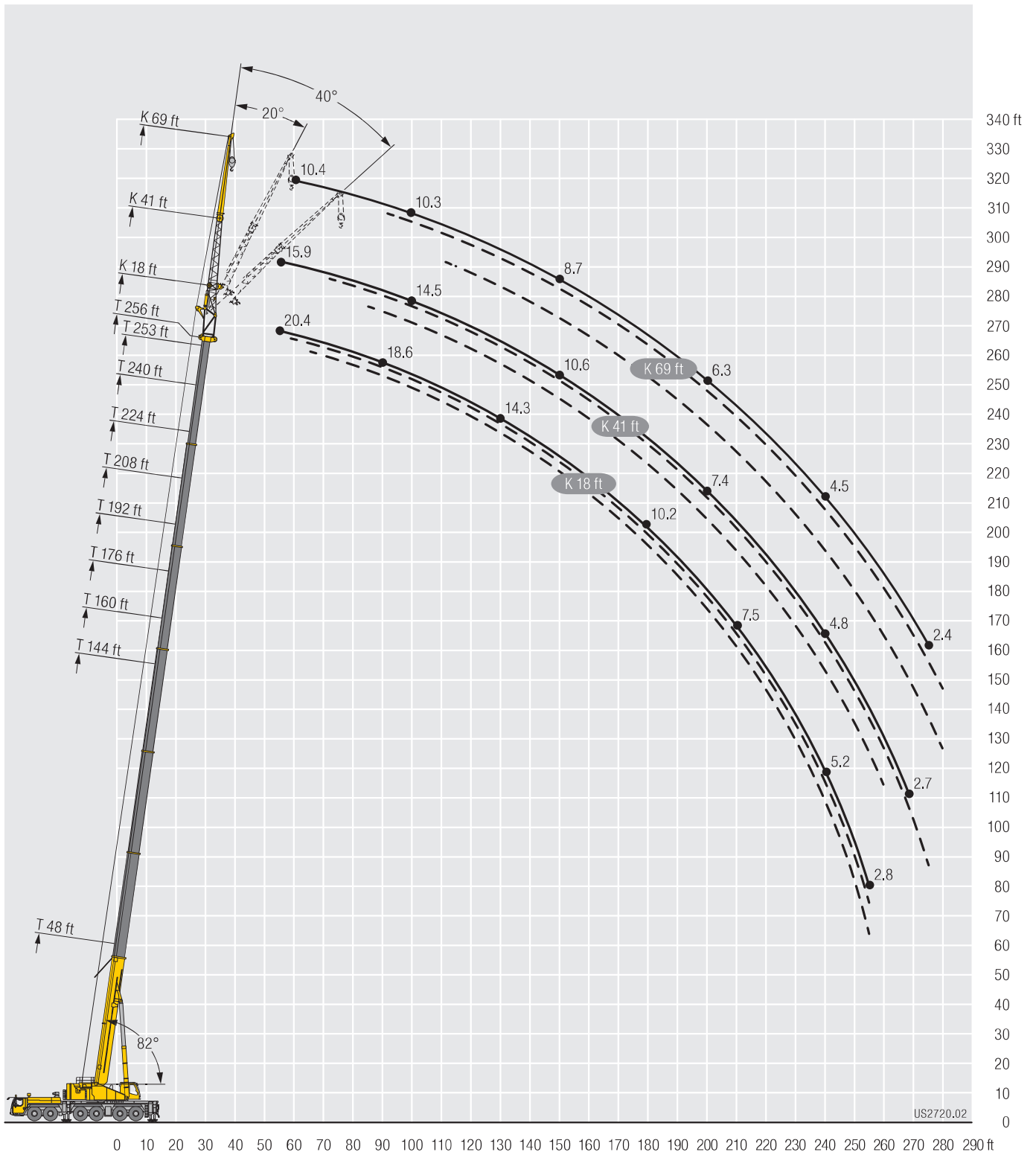


45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285	208 ft 69 ft			224 ft 69 ft			240 ft 69 ft			253 ft 69 ft			256 ft 69 ft			45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	15.8															45
50	15.9			14												50
55	15.9			14.1			12.2									55
60	15.8			14.1			12.2			10.6			10.4			60
65	15.7			14			12.2			10.6			10.4			65
70	15.6	14.1		14			12.2			10.7			10.4			70
75	15.5	13.9		13.8			12.1			10.7			10.5			75
80	15.2	13.6		13.7	12.6		12.1			10.7			10.4			80
85	15	13.4		13.6	12.5		12	11.3		10.6			10.4			85
90	14.8	13.2	11.7	13.4	12.3		11.9	11.2		10.6	10.2		10.4	10		90
95	14.6	13	11.5	13.2	12.1	11.1	11.8	11.1		10.5	10.1		10.3	9.9		95
100	14.4	12.8	11.4	13.1	12	11	11.7	11		10.4	10.1		10.3	9.9		100
105	14.2	12.6	11.3	13	11.9	10.9	11.6	10.9	10.3	10.4	10		10.2	9.8		105
110	14	12.4	11.2	12.8	11.7	10.8	11.5	10.8	10.3	10.3	9.9	9.6	10.1	9.8	9.5	110
115	13.8	12.3	11.1	12.7	11.6	10.7	11.4	10.7	10.2	10.2	9.8	9.5	10	9.7	9.4	115
120	13.6	12.1	11	12.5	11.5	10.6	11.2	10.6	10.1	10.1	9.6	9.4	10	9.5	9.3	120
125	13.4	12	11	12.4	11.4	10.6	11.1	10.5	10.1	10	9.4	9.2	9.9	9.4	9.1	125
130	13.2	11.8	10.9	12.2	11.2	10.5	10.9	10.4	10	9.8	9.2	8.9	9.7	9.1	8.9	130
135	13	11.7	10.8	12.1	11.1	10.5	10.8	10.2	9.9	9.5	9	8.7	9.4	8.9	8.7	135
140	12.8	11.5	10.8	11.9	11	10.5	10.6	10	9.7	9.2	8.7	8.5	9.2	8.7	8.5	140
145	12.6	11.4	10.7	11.8	10.9	10.4	10.4	9.8	9.5	9	8.5	8.3	8.9	8.5	8.3	145
150	12.4	11.3	10.7	11.6	10.8	10.4	10.2	9.5	9.3	8.7	8.3	8.1	8.7	8.3	8.1	150
155	12.2	11.2	10.7	11.5	10.7	10.4	10	9.3	9.1	8.5	8.1	7.9	8.4	8.1	7.9	155
160	12.1	11.1	10.6	11.3	10.6	10.3	9.7	9.1	8.9	8.2	7.9	7.8	8.2	7.9	7.8	160
165	11.9	11	10.6	11.1	10.5	10.3	9.5	8.9	8.8	8	7.7	7.6	7.9	7.7	7.6	165
170	11.8	10.9	10.6	10.8	10.4	10.3	9.2	8.7	8.6	7.7	7.6	7.5	7.7	7.5	7.5	170
175	11.6	10.9	10.6	10.5	10.2	10.3	8.9	8.5	8.4	7.4	7.4	7.3	7.4	7.4	7.3	175
180	11.4	10.8	10.6	10.2	10	10.2	8.7	8.3	8.2	7.2	7.2	7.2	7.2	7.2	7.2	180
185	11.1	10.7	10.6	9.9	9.8	10	8.5	8.1	8.1	7	7	7	6.9	7	7	185
190	10.8	10.7	10.6	9.6	9.6	9.8	8.2	8	7.9	6.8	6.8	6.9	6.7	6.8	6.9	190
195	10.6	10.6	10.6	9.3	9.3	9.6	7.9	7.8	7.8	6.6	6.7	6.8	6.5	6.6	6.7	195
200	10.3	10.5	10.6	9.1	9.1	9.3	7.7	7.6	7.6	6.4	6.5	6.6	6.3	6.4	6.6	200
205	9.9	10.2	10.5	8.8	8.8	9	7.5	7.5	7.5	6.2	6.3	6.4	6.2	6.2	6.4	205
210	9.5	9.8	10.2	8.5	8.5	8.7	7.3	7.3	7.4	6	6.1	6.2	6	6	6.2	210
215	9.1	9.5	9.9	8.2	8.3	8.5	7.1	7.1	7.2	5.8	5.9	6	5.8	5.9	6	215
220	8.6	9.1	9.4	7.9	8	8.2	6.9	6.9	7.1	5.6	5.7	5.9	5.6	5.7	5.8	220
225	7.9	8.7	8.9	7.6	7.7	8	6.7	6.8	6.9	5.5	5.5	5.7	5.3	5.5	5.7	225
230	7.3	8.1	8.4	7.3	7.5	7.7	6.5	6.6	6.8	5.3	5.4	5.5	5	5.3	5.5	230
235	7	7.5	7.5	6.9	7.2	7.4	6.3	6.4	6.6	5.1	5.2	5.4	4.7	5.2	5.3	235
240	6.8	7	6.1	6.5	6.9	7.1	6.1	6.3	6.4	5	5	5.2	4.5	5	5.1	240
245	6.6	6.7	5	6.1	6.6	6.8	5.9	6.1	6.2	4.8	4.9	5	4.2	4.7	4.8	245
250	6.4	6.5		5.7	6.2	6.3	5.7	5.9	6.1	4.6	4.7	4.9	3.9	4.4	4.5	250
255	5.7	6.2		5.5	5.7	5.7	5.4	5.7	5.9	4.4	4.6	4.7	3.6	4.1	4.2	255
260	4.9	5.4		5.4	5.4		4.9	5.4	5.6	4.2	4.4	4.5	3.3	3.7	3.9	260
265		3.4		5.2	5.3		4.4	5.1	5.3	4	4.2	4.4	3	3.4	3.5	265
270				4.7	5.1		3.9	4.5	4.6	3.7	4	4.1	2.7	3.1	3.2	270
275				2.8	4.5		3.3	3.9		3.3	3.8	3.9	2.4	2.8	2.9	275
280							2.8	3.4		2.5	3.4	3.5		2.5	2.5	280
285								2.8				2.9				285

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# Lifting heights Hauteurs de levage

TK



# Lifting capacities Forces de levage

TK



Lifting height (ft)	48 ft			144 ft			160 ft			176 ft			192 ft			Lifting height (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	31.4															12
13	31.4															13
14	31.4															14
15	31.4															15
16	31.2															16
17	31															17
18	30.7															18
19	30.5															19
20	30.2															20
22	29.6															22
24	29															24
26	28.4															26
27.7				31.4												28
30	27.1			31.4			27									30
32	26.4	22.9		31.4			27									32
34	25.8	22.3		31.3			27			24.9						34
36	25.2	21.6		31.1			27			24.9						36
38	24.6	21		30.9			27			24.9			22.1			38
40	24	20.4		30.6			27			25			22.1			40
45	22.6	19.1		29.8			27			25			22.1			45
50	21.2	17.9	15.1	29	22.7		26.9			25			22.2			50
55	19.7	16.9	14.3	28.1	21.8		26.7	22.3		24.7			22.1			55
60	18.2	16	13.7	27.3	21		26.1	21.7		24.3	20.9		21.9			60
65	16.9	15.2	13.1	26.4	20.3	15.4	25.5	21.2		23.9	20.4		21.6	19.3		65
70	15.6	14.5	12.6	25.6	19.6	15	25	20.6	15.9	23.4	19.9		21.3	18.9		70
75	14.5	13.8	12.2	24.8	18.9	14.6	24.3	20.1	15.7	23	19.5	15.5	21	18.6		75
80	13.6	13.2	11.9	24	18.3	14.3	23.7	19.6	15.4	22.5	19.1	15.2	20.7	18.2	14.9	80
85	12.7	12.7	11.7	23.2	17.8	14	23.1	19.1	15.1	22.1	18.7	14.9	20.4	17.9	14.6	85
90	11.9	12.2	11.6	22.4	17.2	13.7	22.5	18.6	14.8	21.6	18.2	14.7	20	17.5	14.4	90
95	11.3	11.8	11.6	21.7	16.7	13.4	21.9	18.1	14.5	21.1	17.8	14.4	19.7	17.2	14.2	95
100	10.7	11.6	5.1	20.9	16.2	13.1	21.4	17.6	14.3	20.7	17.4	14.2	19.4	16.8	14	100
105	10.3			20.1	15.8	12.9	20.8	17.1	14.1	20.2	17	14	19.1	16.5	13.8	105
110				19.3	15.4	12.7	20.3	16.7	13.9	19.8	16.6	13.8	18.8	16.2	13.6	110
115				18.5	15	12.5	19.8	16.3	13.7	19.4	16.2	13.6	18.4	15.9	13.4	115
120				17.7	14.7	12.3	19.3	15.9	13.5	18.9	15.9	13.4	18.1	15.5	13.2	120
125				17	14.3	12.1	18.8	15.6	13.3	18.5	15.6	13.3	17.8	15.2	13.1	125
130				16.3	14	12	18.3	15.3	13.2	18.1	15.2	13.1	17.5	15	13	130
135				15.6	13.7	11.9	17.8	14.9	13	17.7	15	13	17.2	14.7	12.8	135
140				15	13.4	11.8	17.3	14.6	12.9	17.3	14.7	12.9	16.8	14.4	12.8	140
145				14.5	13.1	11.7	16.9	14.3	12.8	16.9	14.4	12.8	16.5	14.2	12.7	145
150				14	12.9	11.7	16.4	14	12.8	16.5	14.1	12.7	16.2	14	12.6	150
155				13.5	12.6	11.6	15.9	13.8	12.7	16.1	13.9	12.7	15.8	13.7	12.5	155
160				13	12.3	11.6	15.4	13.5	12.6	15.7	13.6	12.6	15.5	13.5	12.5	160
165				12.5	12.1	11.6	14.9	13.3	12.6	15.3	13.3	12.6	15.1	13.3	12.4	165
170				12.1	12	11.6	14.4	13	12.6	14.9	13.1	12.5	14.7	13.1	12.4	170
175				11.8	11.8	8.6	13.9	12.8	12.6	14.5	12.9	12.5	14.2	12.9	12.3	175
180				11.4	11.7	6.3	13.5	12.6	12.6	14.1	12.7	12.5	13.8	12.7	12.3	180
185				11.1	11.6		13.1	12.5	10.6	13.7	12.5	12.4	13.3	12.5	12.3	185
190				10.8	11.6		12.7	12.3	7.6	13.3	12.4	12.4	12.7	12.2	12.3	190
195				10.5	11.1		12.3	12.3	5.8	12.8	12.3	11.8	12.2	12	12.3	195
200							12	12.2		12.4	12.2	9.1	11.3	11.8	12	200
205							11.5	12.2		11.9	11.9	7	10.5	11.4	11.6	205
210							8.2	10.9		11.2	11.5	5.5	9.7	10.6	10.6	210
215								3.8		10.5	11		9.4	9.7	8.2	215
220										9.3	10.2		9	9.2	6.5	220
225										6.3	8.4		8.7	8.8	5.2	225
230											3.4		8.3	8.5		230
235													7.4	8.1		235
240													5.4	6.8		240
245													4.1	5.4		245

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# Lifting capacities Forces de levage

TK



↙ ↘	208 ft			224 ft			240 ft			253 ft			256 ft			↙ ↘
	64 ft			64 ft			64 ft			64 ft			64 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	19.2															45
50	19.2			16.4												50
55	19.3			16.4			13.8									55
60	19.2			16.4			13.9			11.9			11.6			60
65	19.1			16.4			13.9			11.9			11.6			65
70	18.9	17.5		16.4			13.9			12			11.7			70
75	18.7	17.2		16.3	15.5		13.9			12			11.7			75
80	18.5	17		16.2	15.4		13.8			11.8			11.6			80
85	18.3	16.7	14.2	16	15.2		13.7	13.2		11.7			11.5			85
90	18.1	16.5	14	15.9	15.1		13.6	13.2		11.6	11.2		11.4	10.9		90
95	17.9	16.2	13.8	15.7	14.9	13.1	13.5	13.1		11.5	11.2		11.3	10.9		95
100	17.7	15.9	13.6	15.6	14.8	13	13.3	12.9	12.1	11.4	11.1		11.2	10.8		100
105	17.4	15.7	13.4	15.4	14.6	12.9	13.2	12.6	12	11.2	10.9	10.5	11.1	10.7	10.4	105
110	17.2	15.4	13.2	15.2	14.4	12.7	13	12.2	11.7	11.1	10.6	10.2	10.9	10.5	10.2	110
115	17	15.2	13.1	15	14.2	12.6	12.8	11.9	11.4	10.9	10.3	10	10.7	10.2	9.9	115
120	16.8	14.9	13	14.8	14	12.5	12.5	11.6	11.2	10.7	10.1	9.7	10.6	10	9.7	120
125	16.6	14.7	12.8	14.6	13.8	12.4	12.2	11.3	10.9	10.5	9.8	9.5	10.4	9.7	9.4	125
130	16.3	14.4	12.7	14.3	13.6	12.3	11.8	11	10.6	10.2	9.6	9.3	10.1	9.5	9.2	130
135	16.1	14.2	12.6	14	13.4	12.2	11.5	10.7	10.4	9.9	9.3	9	9.8	9.2	9	135
140	15.9	14	12.5	13.7	13.2	12.2	11.2	10.5	10.1	9.6	9.1	8.8	9.5	9	8.8	140
145	15.6	13.8	12.4	13.2	12.9	12.1	10.9	10.2	9.9	9.3	8.9	8.6	9.2	8.8	8.6	145
150	15.2	13.6	12.4	12.8	12.6	12	10.6	9.9	9.7	9	8.6	8.4	8.9	8.6	8.4	150
155	14.8	13.4	12.3	12.4	12.2	11.9	10.4	9.7	9.5	8.7	8.4	8.2	8.6	8.4	8.2	155
160	14.3	13.1	12.2	12	11.8	11.7	10.1	9.5	9.2	8.4	8.2	8	8.3	8.2	8	160
165	13.9	12.9	12.2	11.6	11.5	11.5	9.8	9.2	9	8.1	8	7.8	8.1	7.9	7.8	165
170	13.4	12.7	12.1	11.2	11.1	11.2	9.5	9	8.9	7.8	7.8	7.7	7.8	7.7	7.7	170
175	13	12.5	12.1	10.9	10.8	10.9	9.2	8.8	8.7	7.5	7.5	7.5	7.5	7.5	7.5	175
180	12.5	12.2	12	10.5	10.5	10.6	9	8.6	8.5	7.2	7.3	7.3	7.2	7.3	7.3	180
185	12	11.9	11.9	10.1	10.1	10.3	8.7	8.4	8.3	7	7.1	7.2	7	7.1	7.1	185
190	11.4	11.6	11.7	9.8	9.8	10	8.4	8.2	8.2	6.8	6.9	7	6.8	6.9	7	190
195	10.9	11.3	11.6	9.5	9.5	9.7	8.1	8	8	6.6	6.7	6.8	6.6	6.7	6.8	195
200	10.4	10.9	11.1	9.2	9.2	9.4	7.8	7.9	7.9	6.4	6.5	6.6	6.4	6.5	6.6	200
205	10	10.4	10.7	8.9	8.9	9.1	7.6	7.6	7.7	6.2	6.3	6.4	6.2	6.3	6.4	205
210	9.5	9.9	10.2	8.6	8.6	8.8	7.4	7.4	7.5	6	6.1	6.2	6	6.1	6.2	210
215	8.9	9.5	9.7	8.3	8.3	8.6	7.2	7.2	7.3	5.8	5.9	6	5.8	5.9	6	215
220	8.3	9	9.2	7.9	8	8.3	7	7	7.1	5.7	5.7	5.9	5.5	5.7	5.9	220
225	7.6	8.4	8.6	7.6	7.7	8	6.7	6.8	6.9	5.5	5.5	5.7	5.2	5.5	5.7	225
230	7.3	7.7	7.5	7.2	7.4	7.7	6.5	6.6	6.8	5.3	5.4	5.5	4.9	5.3	5.5	230
235	7	7.1	6.1	6.8	7.1	7.3	6.3	6.4	6.6	5.2	5.2	5.3	4.6	5.1	5.3	235
240	6.8	6.9	5	6.3	6.8	7	6.1	6.3	6.4	5	5	5.2	4.3	4.8	5	240
245	6.6	6.6		5.9	6.3	6.5	5.8	6.1	6.2	4.8	4.9	5	4.1	4.5	4.7	245
250	6	6.4		5.7	5.8	5.8	5.6	5.9	6.1	4.6	4.7	4.9	3.8	4.2	4.4	250
255	5	5.6		5.5	5.6		5.1	5.6	5.8	4.4	4.6	4.7	3.5	3.8	4	255
260		3.6		5.4	5.4		4.6	5.3	5.4	4.1	4.4	4.5	3.2	3.5	3.7	260
265				4.9	5.3		4	4.7	4.8	3.8	4.1	4.3	2.9	3.2	3.3	265
270				3	4.6		3.5	4.1		3.3	3.9	4	2.6	2.9	3	270
275							3	3.5			3.5	3.6		2.6	2.6	275
280								2.9			2.5	2.6				280

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# Lifting capacities Forces de levage

TK





48 ft 87 ft	48 ft 87 ft			144 ft 87 ft			160 ft 87 ft			176 ft 87 ft			192 ft 87 ft			48 ft 87 ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	19.4															14
15	19.4															15
16	19.4															16
17	19.4															17
18	19.4															18
19	19.5															19
20	19.4															20
22	19.3															22
24	19.1															24
26	18.9															26
28	18.5															28
30	18.2															30
32	17.8			19.4												32
34	17.5			19.4			18									34
36	17.1			19.5			18.1									36
38	16.8			19.5			18.1			16.5						38
40	16.4			19.4			18.1			16.6						40
45	15.6	13.5		19.2			18.1			16.6			14.9			45
50	14.8	12.7		18.8			17.8			16.5			15			50
55	14	11.9		18.3			17.5			16.4			14.9			55
60	13.1	11.2		17.8			17			16.1			14.7			60
65	12.4	10.6	8.9	17.2	13.4		16.6	13.1		15.7			14.5			65
70	11.6	10	8.5	16.7	12.9		16.2	12.7		15.4	12.4		14.3			70
75	10.9	9.5	8.1	16.2	12.4		15.8	12.3		15	12		14	11.6		75
80	10.3	9	7.8	15.7	12		15.3	11.9		14.7	11.7		13.7	11.3		80
85	9.7	8.5	7.5	15.2	11.5	8.7	14.9	11.5		14.3	11.3		13.4	11		85
90	9.1	8.2	7.3	14.8	11.1	8.5	14.5	11.1	8.5	14	11	8.4	13.2	10.7		90
95	8.6	7.8	7.1	14.3	10.8	8.3	14.1	10.8	8.3	13.6	10.7	8.2	12.9	10.4	8	95
100	8.2	7.5	6.9	13.8	10.5	8.1	13.7	10.5	8.1	13.3	10.4	8	12.6	10.1	7.9	100
105	7.8	7.3	6.8	13.3	10.1	8	13.3	10.2	7.9	13	10.1	7.9	12.3	9.8	7.8	105
110	7.3	7	6.8	12.9	9.8	7.8	12.9	9.9	7.8	12.6	9.8	7.7	12.1	9.6	7.6	110
115	7	6.9	6.8	12.4	9.5	7.6	12.5	9.6	7.6	12.3	9.6	7.6	11.8	9.3	7.5	115
120	6.7	6.8	6.8	12	9.3	7.5	12.1	9.3	7.5	12	9.3	7.5	11.5	9.1	7.4	120
125	6.5	6.8		11.5	9	7.4	11.7	9.1	7.4	11.6	9	7.3	11.3	8.9	7.3	125
130				11.1	8.8	7.3	11.4	8.8	7.3	11.3	8.8	7.2	11	8.7	7.2	130
135				10.7	8.5	7.2	11	8.6	7.2	11	8.6	7.1	10.7	8.5	7.1	135
140				10.3	8.3	7.1	10.6	8.4	7.1	10.7	8.4	7	10.4	8.3	7	140
145				10	8.1	7	10.2	8.2	7	10.4	8.2	7	10.2	8.2	6.9	145
150				9.6	7.9	6.9	9.9	8	6.9	10.1	8.1	6.9	9.9	8	6.8	150
155				9.3	7.8	6.9	9.6	7.9	6.9	9.8	7.9	6.8	9.7	7.8	6.8	155
160				9	7.6	6.8	9.3	7.7	6.8	9.5	7.7	6.8	9.4	7.7	6.7	160
165				8.8	7.4	6.8	9	7.6	6.8	9.2	7.6	6.7	9.2	7.5	6.7	165
170				8.5	7.3	6.8	8.8	7.4	6.8	9	7.4	6.7	8.9	7.4	6.6	170
175				8.2	7.2	6.8	8.5	7.3	6.7	8.7	7.3	6.7	8.7	7.3	6.6	175
180				7.9	7.1	6.8	8.3	7.2	6.7	8.5	7.2	6.6	8.5	7.2	6.6	180
185				7.7	7	6.8	8.1	7.1	6.7	8.2	7.1	6.6	8.3	7.1	6.6	185
190				7.5	6.9	6.8	7.9	7	6.7	8	7	6.6	8.1	7	6.5	190
195				7.2	6.9	6.8	7.6	6.9	6.7	7.9	6.9	6.6	7.9	6.9	6.5	195
200				7	6.8	6.8	7.4	6.8	6.7	7.7	6.9	6.6	7.7	6.8	6.5	200
205				6.9	6.8	5.4	7.3	6.8	6.7	7.5	6.8	6.6	7.6	6.8	6.5	205
210				6.7	6.8		7.1	6.8	6.7	7.4	6.7	6.6	7.5	6.7	6.5	210
215				6.6	6.8		6.9	6.8	6.5	7.2	6.7	6.6	7.3	6.7	6.5	215
220				6.1	6.8		6.8	6.8	5.1	7.1	6.7	6.6	7.2	6.6	6.5	220
225				6.6	6.8		6.9	6.7		6.9	6.7	6.6	7.1	6.6	6.5	225
230				6.5	6.8		6.8	6.6		6.8	6.6	6.2	6.9	6.6	6.5	230
235				4.4	6.6		4.4	6.6		6.6	6.6		6.8	6.6	6.5	235
240										6.6	6.6		6.7	6.6	6.5	240
245										5.7	6.6		6.6	6.6	5.9	245
250										2.8	5.1		6.5	6.5		250
255													6.2	6.4		255
260													4.4	6.2		260
265													3.9	4		265

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# Lifting capacities Forces de levage

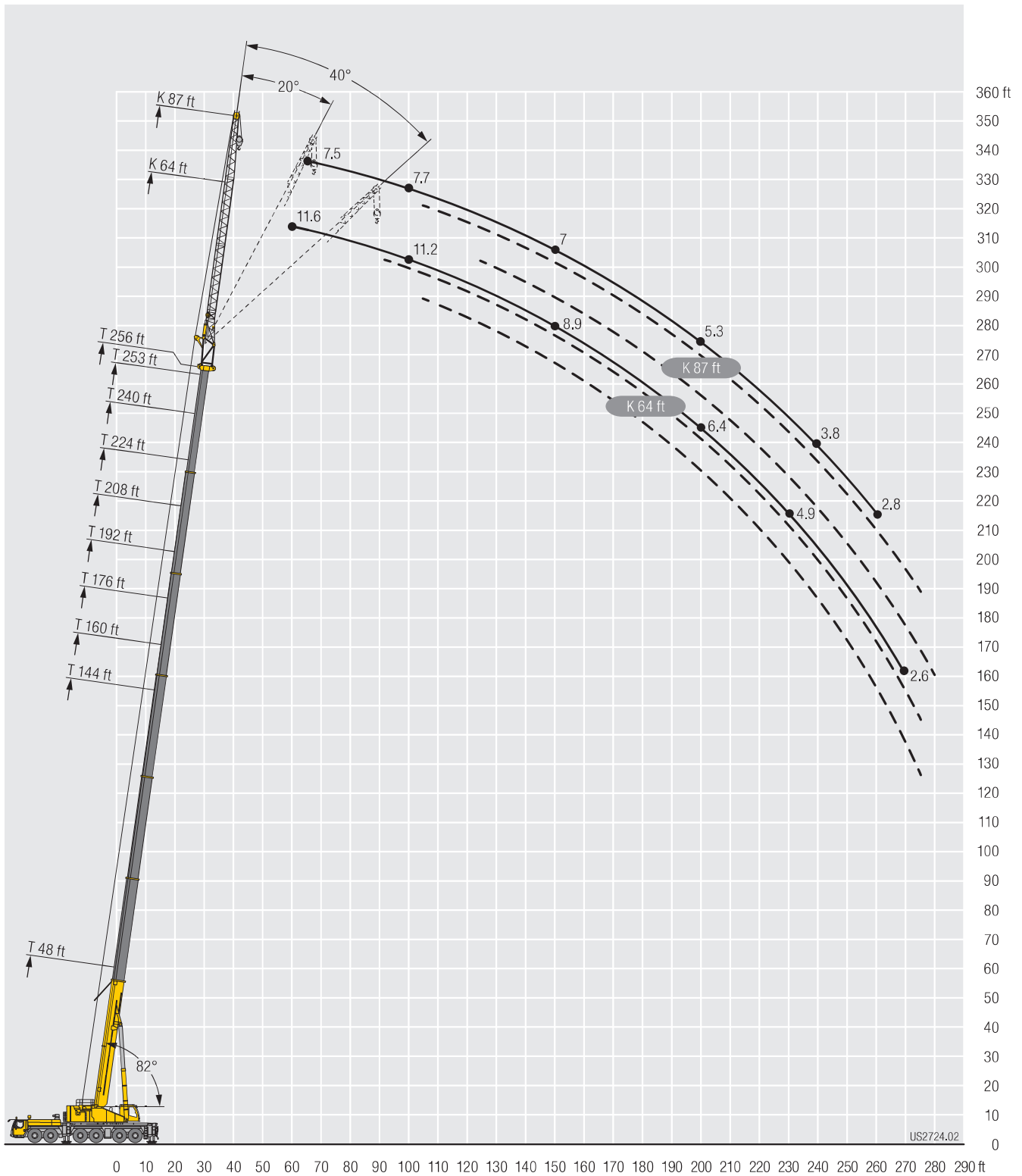
TK



	208 ft			224 ft			240 ft			253 ft			256 ft			
	87 ft			87 ft			87 ft			87 ft			87 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	13.1															50
55	13.1			11.2												55
60	13.1			11.3			9.4									60
65	13			11.3			9.5			7.8			7.5			65
70	12.9			11.2			9.5			8.1			7.8			70
75	12.7			11.1			9.5			8.2			7.9			75
80	12.5	10.6		11			9.5			8.2			7.9			80
85	12.3	10.4		10.9			9.4			8.1			7.9			85
90	12.1	10.1		10.8	9.4		9.3			8			7.8			90
95	11.9	9.9		10.6	9.2		9.2	8.4		7.9			7.7			95
100	11.7	9.7		10.5	9		9.1	8.3		7.8	7.4		7.7			100
105	11.4	9.4	7.6	10.3	8.8		9	8.1		7.8	7.3		7.6	7.3		105
110	11.2	9.2	7.4	10.2	8.7	7.1	8.9	8		7.7	7.3		7.6	7.3		110
115	11	9	7.3	10	8.5	7.1	8.8	7.9	6.7	7.7	7.3		7.5	7.2		115
120	10.8	8.8	7.2	9.9	8.4	7	8.7	7.7	6.7	7.6	7.2		7.5	7.1		120
125	10.6	8.6	7.1	9.7	8.2	6.9	8.6	7.6	6.7	7.6	7.1	6.4	7.5	7	6.4	125
130	10.4	8.5	7	9.6	8	6.8	8.5	7.5	6.6	7.6	7	6.4	7.4	6.9	6.3	130
135	10.2	8.3	7	9.4	7.9	6.8	8.4	7.4	6.5	7.5	6.9	6.3	7.4	6.9	6.3	135
140	10	8.1	6.9	9.3	7.8	6.7	8.3	7.3	6.5	7.4	6.8	6.3	7.2	6.8	6.2	140
145	9.8	8	6.8	9.1	7.6	6.7	8.2	7.2	6.4	7.2	6.8	6.2	7.1	6.7	6.2	145
150	9.5	7.8	6.7	9	7.5	6.6	8.1	7.1	6.4	7.1	6.7	6.2	7	6.6	6.2	150
155	9.3	7.7	6.7	8.8	7.4	6.5	8	7	6.4	6.9	6.6	6.1	6.9	6.5	6.1	155
160	9.1	7.5	6.6	8.6	7.3	6.5	7.8	6.9	6.3	6.8	6.4	6.1	6.7	6.4	6.1	160
165	8.9	7.4	6.6	8.5	7.2	6.5	7.6	6.8	6.3	6.7	6.3	6	6.6	6.3	6	165
170	8.7	7.3	6.5	8.3	7.1	6.4	7.4	6.7	6.2	6.5	6.2	6	6.4	6.1	5.9	170
175	8.5	7.2	6.5	8.1	7	6.4	7.3	6.7	6.2	6.3	6	5.9	6.3	6	5.9	175
180	8.3	7.1	6.5	8	6.9	6.4	7.1	6.6	6.2	6.1	5.9	5.8	6.1	5.9	5.8	180
185	8.1	7	6.4	7.8	6.8	6.3	6.9	6.5	6.2	6	5.7	5.7	5.9	5.7	5.7	185
190	8	6.9	6.4	7.7	6.7	6.3	6.8	6.4	6.2	5.8	5.6	5.6	5.7	5.6	5.5	190
195	7.8	6.8	6.4	7.5	6.7	6.3	6.6	6.3	6.1	5.6	5.5	5.5	5.5	5.5	5.4	195
200	7.7	6.7	6.4	7.4	6.6	6.3	6.5	6.2	6.1	5.4	5.4	5.4	5.3	5.4	5.3	200
205	7.5	6.7	6.4	7.2	6.5	6.3	6.3	6	6	5.2	5.3	5.3	5.2	5.3	5.2	205
210	7.4	6.6	6.4	7.1	6.5	6.3	6.2	5.9	5.9	5	5.1	5.2	5	5.1	5.2	210
215	7.2	6.6	6.4	6.9	6.5	6.3	6.1	5.8	5.8	4.8	5	5.1	4.8	5	5.1	215
220	7.1	6.5	6.4	6.8	6.4	6.3	5.9	5.7	5.7	4.6	4.8	5	4.6	4.8	4.9	220
225	6.9	6.5	6.4	6.6	6.4	6.3	5.8	5.6	5.6	4.5	4.7	4.8	4.5	4.7	4.8	225
230	6.8	6.5	6.4	6.5	6.3	6.3	5.6	5.5	5.6	4.3	4.5	4.7	4.3	4.5	4.7	230
235	6.7	6.4	6.4	6.3	6.2	6.3	5.4	5.4	5.5	4.1	4.3	4.6	4.1	4.3	4.6	235
240	6.4	6.4	6.4	6	6.1	6.3	5.3	5.3	5.4	3.9	4.2	4.4	3.8	4.1	4.4	240
245	6	6.3	6.4	5.8	6	6.2	5.1	5.2	5.3	3.8	4	4.3	3.6	4	4.3	245
250	5.6	6.1	6.4	5.5	5.8	6.1	4.9	5	5.2	3.6	3.9	4.1	3.3	3.8	4.1	250
255	5.4	5.8	6	5.1	5.6	5.8	4.7	4.9	5.1	3.5	3.7	3.9	3	3.6	3.9	255
260	5.2	5.4	5.5	4.6	5.4	5.5	4.5	4.8	4.9	3.3	3.6	3.8	2.8	3.3	3.7	260
265	5.1	5.2		4.4	5	5.2	4.2	4.6	4.8	3.1	3.4	3.6		3.1	3.3	265
270	4.9	5		4.2	4.4	4.6	3.9	4.5	4.6		3.2	3.4		2.8	3	270
275	3.7	4.8		4.1	4.2	4.4	3.4	4.2	4.4		3	3.2		2.5	2.7	275
280		3.6		4	4.1		2.8	3.8	4		2.8	3			2.3	280
285				3.8	3.9			3.3	3.4			2.6				285
290				2.3	3.8			2.4	2.5							290

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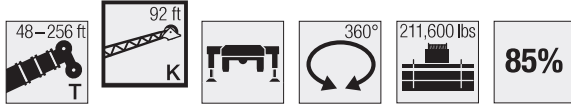
# Lifting heights Hauteurs de levage





# Lifting capacities Forces de levage

TK



Height (ft)	48 ft			144 ft			160 ft			176 ft			192 ft			Height (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
15	15.9															15
16	15.9															16
17	15.9															17
18	15.9															18
19	15.9															19
20	16															20
22	15.9															22
24	15.9															24
26	15.8															26
28	15.6															28
30	15.4															30
32	15.2			15.4												32
34	15			15.8												34
36	14.8			15.9			14.9									36
38	14.5			16			15.1									38
40	14.3			15.9			15.2			14.1						40
45	13.7			15.9			15.2			14.2			12.9			45
50	13.1	11.6		15.7			15			14.2			13			50
55	12.5	10.9		15.4			14.8			14			13			55
60	11.9	10.3		15.1			14.6			13.8			12.9			60
65	11.2	9.7		14.8	12		14.3			13.6			12.7			65
70	10.6	9.2	7.8	14.4	11.6		14	11.5		13.3			12.5			70
75	10.1	8.8	7.5	14.1	11.2		13.7	11.1		13.1	10.9		12.3			75
80	9.5	8.3	7.2	13.7	10.8		13.4	10.7		12.8	10.5		12.1	10.2		80
85	9	8	7	13.4	10.5		13.1	10.4		12.6	10.2		11.9	9.9		85
90	8.5	7.6	6.8	13	10.1	7.8	12.8	10.1	7.8	12.3	9.9		11.6	9.7		90
95	8.1	7.3	6.7	12.6	9.8	7.6	12.5	9.8	7.6	12.1	9.7	7.5	11.4	9.4		95
100	7.7	7	6.5	12.3	9.5	7.5	12.2	9.5	7.4	11.8	9.4	7.4	11.2	9.2	7.2	100
105	7.3	6.8	6.4	11.9	9.2	7.3	11.9	9.3	7.3	11.5	9.1	7.2	11	8.9	7.1	105
110	7	6.6	6.3	11.5	9	7.2	11.5	9	7.2	11.3	8.9	7.1	10.8	8.7	7	110
115	6.7	6.5	6.3	11.2	8.7	7.1	11.2	8.8	7.1	11	8.7	7	10.6	8.5	6.9	115
120	6.5	6.4	6.3	10.8	8.5	7	10.9	8.5	6.9	10.7	8.5	6.9	10.4	8.3	6.8	120
125	6.2	6.3	6.3	10.5	8.2	6.9	10.6	8.3	6.8	10.4	8.3	6.8	10.1	8.1	6.7	125
130	6	6.3		10.1	8	6.8	10.3	8.1	6.7	10.2	8.1	6.7	9.9	8	6.6	130
135				9.8	7.8	6.7	9.9	7.9	6.7	9.9	7.9	6.6	9.7	7.8	6.6	135
140				9.4	7.6	6.6	9.7	7.7	6.6	9.7	7.7	6.6	9.4	7.6	6.5	140
145				9.1	7.4	6.5	9.3	7.5	6.5	9.4	7.5	6.5	9.2	7.5	6.4	145
150				8.8	7.3	6.5	9.1	7.4	6.4	9.1	7.4	6.4	9	7.3	6.4	150
155				8.5	7.2	6.4	8.8	7.2	6.4	8.9	7.3	6.4	8.8	7.2	6.3	155
160				8.3	7	6.4	8.6	7.1	6.3	8.6	7.1	6.3	8.6	7	6.3	160
165				8	6.9	6.3	8.3	7	6.3	8.4	7	6.2	8.4	6.9	6.2	165
170				7.8	6.8	6.3	8.1	6.9	6.3	8.2	6.9	6.2	8.2	6.8	6.1	170
175				7.6	6.7	6.3	7.8	6.7	6.2	8	6.8	6.2	7.9	6.7	6.1	175
180				7.4	6.6	6.3	7.6	6.7	6.2	7.8	6.7	6.1	7.8	6.6	6.1	180
185				7.2	6.5	6.3	7.5	6.6	6.2	7.6	6.6	6.1	7.6	6.6	6.1	185
190				7	6.4	6.3	7.3	6.5	6.2	7.4	6.5	6.1	7.4	6.5	6	190
195				6.8	6.4	6.3	7.1	6.4	6.2	7.2	6.4	6.1	7.3	6.4	6	195
200				6.7	6.3	6.3	7	6.4	6.2	7.1	6.4	6.1	7.1	6.4	6	200
205				6.5	6.3	6.3	6.8	6.3	6.2	7	6.3	6.1	7	6.3	6	205
210				6.4	6.3	5.4	6.7	6.3	6.2	6.8	6.3	6.1	6.9	6.2	6	210
215				6.2	6.3		6.6	6.2	6.2	6.7	6.2	6.1	6.8	6.2	6	215
220				6.1	6.3		6.4	6.2	6.2	6.6	6.2	6.1	6.7	6.1	6	220
225				5.7	6.3		6.3	6.2	5.1	6.5	6.2	6.1	6.6	6.1	6	225
230							6.2	6.2		6.4	6.2	6.1	6.5	6.1	6	230
235							6.1	6.2		6.3	6.2	6	6.4	6.1	6	235
240							4.1	6.2		6.2	6.2		6.3	6.1	6	240
245										6.1	6.2		6.2	6.1	6	245
250										5.4	6.2		6.1	6.1	5.7	250
255										2.6	4.9		6	6		255
260													5.9	6		260
265													4.1	6		265
270													3.8	3.9		270

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# Lifting capacities Forces de levage

TK



Lifting Capacity (lbs)	208 ft			224 ft			240 ft			253 ft			256 ft			Lifting Capacity (lbs)
	92 ft			92 ft			92 ft			92 ft			92 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	11.5															50
55	11.5			9.9												55
60	11.5			10.1			8.2									60
65	11.5			10.2			8.5			6.9						65
70	11.4			10.1			8.7			7.2			6.9			70
75	11.2			10			8.7			7.4			7.1			75
80	11.1			9.9			8.6			7.5			7.3			80
85	10.9	9.4		9.8			8.5			7.5			7.3			85
90	10.7	9.2		9.7	8.5		8.4			7.5			7.3			90
95	10.6	9		9.6	8.4		8.4			7.4			7.3			95
100	10.4	8.8		9.4	8.2		8.3	7.5		7.4			7.3			100
105	10.3	8.6		9.3	8.1		8.2	7.4		7.3	6.9		7.2	6.8		105
110	10.1	8.4	6.9	9.2	7.9		8.1	7.3		7.3	6.8		7.1	6.8		110
115	9.9	8.2	6.8	9.1	7.7	6.6	8	7.2		7.2	6.8		7.1	6.7		115
120	9.7	8	6.7	8.9	7.6	6.5	7.9	7.1	6.2	7.2	6.7		7	6.6		120
125	9.6	7.9	6.6	8.8	7.5	6.4	7.8	7	6.2	7.1	6.6		7	6.5		125
130	9.4	7.7	6.5	8.7	7.3	6.3	7.7	6.9	6.1	7	6.5	5.9	6.9	6.4	5.8	130
135	9.2	7.6	6.4	8.6	7.2	6.3	7.7	6.8	6.1	7	6.4	5.9	6.9	6.4	5.8	135
140	9	7.4	6.4	8.4	7.1	6.2	7.6	6.7	6	6.9	6.4	5.8	6.8	6.3	5.8	140
145	8.8	7.3	6.3	8.3	7	6.2	7.5	6.6	6	6.8	6.3	5.8	6.7	6.2	5.8	145
150	8.7	7.1	6.3	8.1	6.9	6.1	7.4	6.5	5.9	6.7	6.2	5.7	6.6	6.2	5.7	150
155	8.5	7	6.2	8	6.8	6.1	7.3	6.5	5.9	6.6	6.2	5.7	6.5	6.1	5.7	155
160	8.3	6.9	6.1	7.9	6.7	6	7.2	6.4	5.9	6.5	6.1	5.7	6.4	6.1	5.7	160
165	8.1	6.8	6.1	7.7	6.6	6	7.1	6.3	5.8	6.4	6	5.7	6.4	6	5.6	165
170	7.9	6.7	6.1	7.6	6.5	5.9	7	6.3	5.8	6.3	5.9	5.6	6.2	5.9	5.6	170
175	7.8	6.7	6	7.4	6.4	5.9	6.9	6.2	5.8	6.2	5.8	5.6	6.1	5.8	5.6	175
180	7.6	6.6	6	7.3	6.4	5.9	6.8	6.1	5.7	6	5.7	5.6	6	5.7	5.6	180
185	7.4	6.5	6	7.2	6.3	5.9	6.7	6.1	5.7	5.8	5.6	5.5	5.8	5.6	5.5	185
190	7.3	6.4	5.9	7.1	6.2	5.8	6.6	6	5.7	5.7	5.5	5.4	5.6	5.5	5.4	190
195	7.1	6.3	5.9	7	6.2	5.8	6.5	6	5.7	5.5	5.4	5.3	5.5	5.4	5.3	195
200	7	6.3	5.9	6.8	6.1	5.8	6.3	5.9	5.7	5.3	5.3	5.3	5.3	5.3	5.2	200
205	6.9	6.2	5.9	6.7	6.1	5.8	6.2	5.8	5.7	5.1	5.2	5.2	5.1	5.1	5.2	205
210	6.8	6.2	5.9	6.6	6	5.8	6.1	5.7	5.7	5	5	5.1	4.9	5	5.1	210
215	6.7	6.1	5.9	6.5	6	5.8	5.9	5.6	5.6	4.8	4.9	5	4.8	4.9	5	215
220	6.6	6	5.9	6.5	5.9	5.8	5.8	5.5	5.6	4.6	4.8	4.9	4.6	4.7	4.9	220
225	6.5	6	5.9	6.4	5.9	5.8	5.7	5.5	5.5	4.5	4.6	4.8	4.4	4.6	4.8	225
230	6.4	6	5.9	6.3	5.9	5.8	5.5	5.4	5.4	4.3	4.5	4.7	4.3	4.5	4.7	230
235	6.4	6	5.9	6.2	5.8	5.8	5.4	5.3	5.4	4.1	4.3	4.6	4.1	4.3	4.5	235
240	6.3	5.9	5.9	6	5.8	5.8	5.2	5.2	5.3	4	4.2	4.5	3.9	4.1	4.4	240
245	6.1	5.9	5.9	5.8	5.7	5.8	5.1	5.1	5.2	3.8	4	4.3	3.7	4	4.3	245
250	5.8	5.9	5.9	5.6	5.7	5.8	4.9	5	5.1	3.7	3.9	4.1	3.4	3.8	4.1	250
255	5.4	5.8	5.9	5.3	5.6	5.8	4.7	4.9	5	3.5	3.7	4	3.2	3.6	4	255
260	5.3	5.6	5.8	4.9	5.5	5.7	4.5	4.7	4.9	3.3	3.6	3.8	2.9	3.4	3.8	260
265	5.1	5.2	5.3	4.4	5.2	5.4	4.3	4.6	4.8	3.2	3.4	3.6	2.6	3.2	3.5	265
270	4.9	5.1		4.2	4.8	5	4.1	4.5	4.6	3	3.3	3.5	2.4	3	3.2	270
275	4.7	4.9		4.1	4.2	4.4	3.7	4.3	4.4	2.7	3.1	3.3		2.7	2.9	275
280	3.6	4.7		3.9	4.1	4.2	3.2	4.1	4.2		2.9	3.1		2.4	2.5	280
285		3.5		3.8	4		2.8	3.7	3.8		2.8	3			2.2	285
290				3.6	3.8		2.1	3.1	3.3			2.7				290
295					3.6			2.6	2.7							295

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# Lifting capacities Forces de levage

TK



↙ ↘	48 ft			144 ft			160 ft			176 ft			192 ft			↙ ↘	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
19	9.1															19	
20	9.1															20	
22	9.2															22	
24	10.1															24	
26	10.8															26	
28	11.2															28	
30	11.1															30	
32	10.9															32	
34	10.8															34	
36	10.6				9.3											36	
38	10.5				9.7											38	
40	10.3				10			9.1								40	
45	9.9				10.7			9.8			8.7					45	
50	9.5				11			10.3			9.2			7.8		50	
55	9				10.9			10.4			9.6			8.3		55	
60	8.6	7.4			10.7			10.2			9.7			8.7		60	
65	8.2	7			10.4			10			9.5			8.8		65	
70	7.7	6.6			10.2			9.8			9.4			8.7		70	
75	7.2	6.3			9.9			9.6			9.2			8.6		75	
80	6.8	6			9.7	7.3		9.4	7.2		9			8.4		80	
85	6.5	5.7			9.4	7.1		9.2	7		8.8	6.9		8.2		85	
90	6.1	5.5	4.8		9.1	6.9		8.9	6.8		8.6	6.7		8.1	6.4	90	
95	5.8	5.2	4.6		8.8	6.6		8.7	6.6		8.4	6.5		7.9	6.3	95	
100	5.6	5	4.5		8.6	6.4		8.4	6.4		8.2	6.3		7.7	6.2	100	
105	5.3	4.8	4.3		8.3	6.2	4.6	8.2	6.2		7.9	6.1		7.5	6	105	
110	5.1	4.6	4.2		8	6.1	4.5	7.9	6	4.5	7.7	6		7.4	5.8	110	
115	4.9	4.4	4.1		7.7	5.9	4.5	7.7	5.9	4.5	7.5	5.8	4.4	7.2	5.7	115	
120	4.7	4.3	3.9		7.4	5.7	4.4	7.4	5.7	4.4	7.3	5.7	4.3	7	5.6	4.3	120
125	4.5	4.1	3.9		7.1	5.6	4.4	7.2	5.6	4.3	7.1	5.5	4.3	6.8	5.4	4.2	125
130	4.3	4	3.8		6.9	5.4	4.3	6.9	5.4	4.3	6.9	5.4	4.2	6.7	5.3	4.2	130
135	4.2	3.9	3.8		6.6	5.3	4.2	6.7	5.3	4.2	6.7	5.3	4.2	6.5	5.2	4.1	135
140	4	3.8	3.8		6.4	5.1	4.2	6.5	5.2	4.2	6.5	5.1	4.2	6.3	5.1	4.1	140
145	3.9	3.8	3.8		6.2	5	4.2	6.3	5	4.2	6.3	5	4.1	6.2	5	4	145
150	3.8	3.8			6	4.9	4.1	6.1	4.9	4.1	6.1	4.9	4.1	6	4.8	4	150
155	3.7	3.8			5.8	4.8	4.1	5.9	4.8	4	6	4.8	4	5.9	4.7	4	155
160					5.7	4.6	4	5.8	4.7	4	5.8	4.7	4	5.7	4.6	3.9	160
165					5.5	4.6	3.9	5.6	4.6	3.9	5.7	4.6	3.9	5.6	4.6	3.9	165
170					5.3	4.5	3.9	5.5	4.5	3.9	5.5	4.5	3.9	5.5	4.5	3.8	170
175					5.2	4.4	3.9	5.3	4.4	3.8	5.3	4.4	3.8	5.3	4.4	3.8	175
180					5	4.3	3.8	5.2	4.3	3.8	5.2	4.3	3.8	5.2	4.3	3.7	180
185					4.9	4.2	3.8	5	4.2	3.8	5.1	4.3	3.7	5.1	4.2	3.7	185
190					4.8	4.1	3.8	4.9	4.2	3.8	5	4.2	3.7	4.9	4.2	3.7	190
195					4.7	4	3.8	4.8	4.1	3.7	4.9	4.1	3.7	4.8	4.1	3.6	195
200					4.5	4	3.8	4.7	4	3.7	4.7	4	3.7	4.7	4	3.6	200
205					4.4	3.9	3.8	4.6	4	3.7	4.6	4	3.6	4.6	4	3.6	205
210					4.3	3.9	3.8	4.4	3.9	3.7	4.5	3.9	3.6	4.5	3.9	3.6	210
215					4.2	3.8	3.8	4.3	3.9	3.7	4.4	3.9	3.6	4.4	3.8	3.6	215
220					4.1	3.8	3.8	4.2	3.8	3.7	4.3	3.8	3.6	4.3	3.8	3.6	220
225					4	3.8	3.8	4.2	3.8	3.7	4.3	3.8	3.6	4.2	3.8	3.6	225
230					4	3.8	3.8	4.1	3.7	3.7	4.2	3.7	3.6	4.2	3.7	3.6	230
235					3.9	3.8		4	3.7	3.7	4.1	3.7	3.6	4.1	3.7	3.6	235
240					3.8	3.8		3.9	3.7	3.7	4	3.7	3.6	4	3.6	3.6	240
245					3.8	3.8		3.9	3.7		3.9	3.7	3.6	4	3.6	3.6	245
250								3.8	3.7		3.9	3.6	3.6	3.9	3.6	3.6	250
255								3.7	3.7		3.8	3.6	3.6	3.8	3.6	3.6	255
260								3.7	3.7		3.7	3.6	3.6	3.7	3.6	3.6	260
265											3.7	3.6		3.7	3.6	3.6	265
270											3.7	3.6		3.7	3.6	3.6	270
275											2.5	3.6		3.6	3.6		275
280														3.6	3.6		280
285														3.3	3.6		285
290														2.4	3.4		290
295															2.5		295

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# Lifting capacities Forces de levage

TK

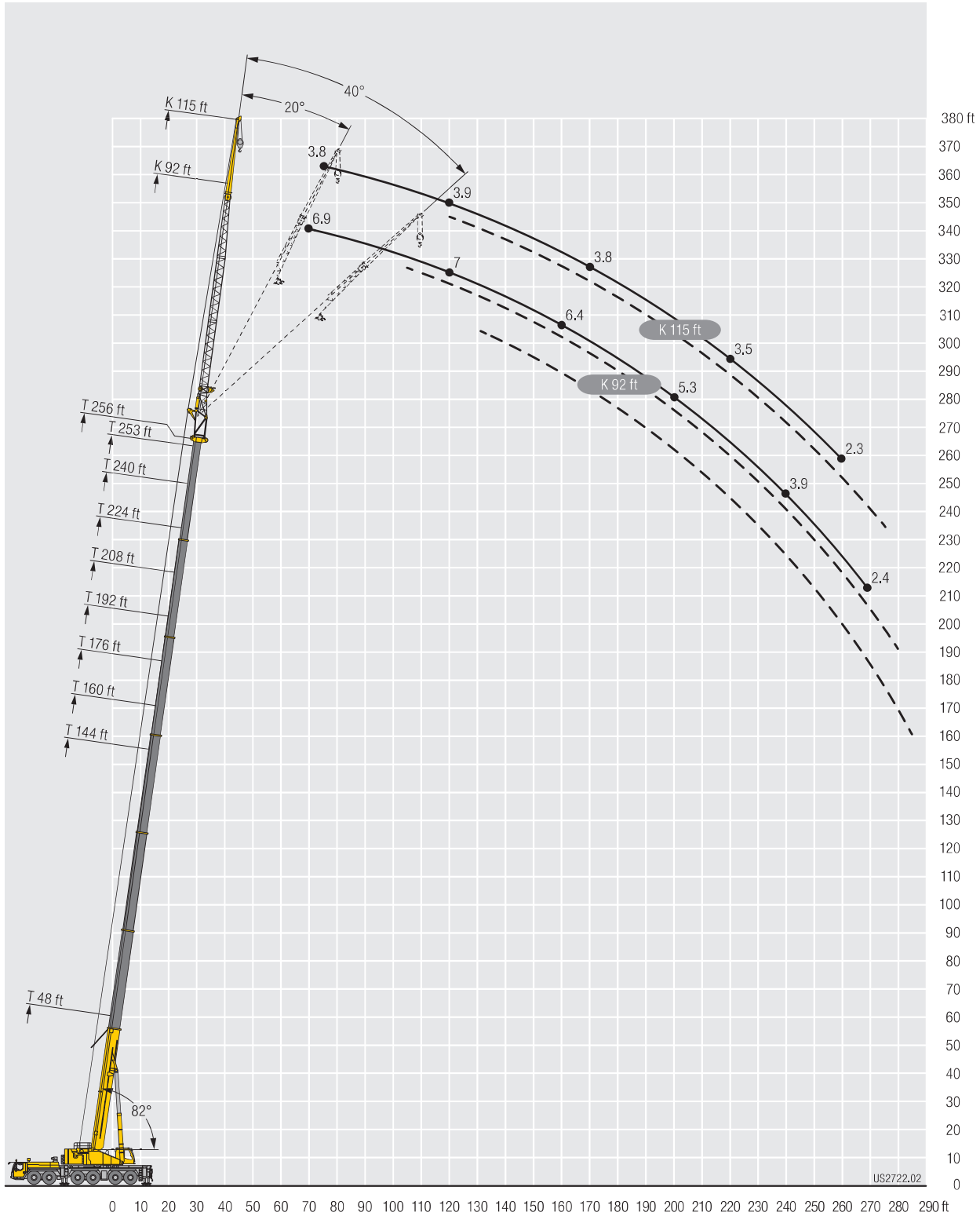


↙ ↘	208 ft			224 ft			240 ft			253 ft			256 ft		↙ ↘
	115 ft			115 ft			115 ft			115 ft			115 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	
55	6.7														55
60	7.1			5.6											60
65	7.5			5.9			4.6								65
70	7.6			6.3			4.8								70
75	7.7			6.5			5.1			4			3.8		75
80	7.6			6.6			5.3			4			3.8		80
85	7.5			6.6			5.4			4.1			3.8		85
90	7.3			6.6			5.5			4.2			3.8		90
95	7.2			6.6			5.6			4.3			3.8		95
100	7.1	5.9		6.5			5.6			4.3			3.9		100
105	7	5.8		6.4	5.4		5.6			4.3			3.9		105
110	6.8	5.6		6.3	5.3		5.6			4.3			3.9		110
115	6.7	5.5		6.2	5.2		5.5	4.7		4.3			3.9		115
120	6.6	5.4		6.1	5.1		5.5	4.7		4.4	4.2		3.9	4.1	120
125	6.5	5.3	4.1	6	5		5.4	4.7		4.4	4.2		3.9	4.1	125
130	6.3	5.1	4	5.9	4.9		5.3	4.6		4.4	4.2		3.9	4.1	130
135	6.2	5	4	5.8	4.8	3.8	5.3	4.5		4.4	4.2		3.9	4.1	135
140	6.1	4.9	4	5.6	4.7	3.8	5.2	4.4	3.6	4.4	4.1		3.9	4	140
145	5.9	4.8	3.9	5.5	4.6	3.8	5.1	4.4	3.6	4.3	4.1		3.9	4	145
150	5.8	4.7	3.9	5.4	4.5	3.8	5	4.3	3.6	4.3	4	3.4	3.9	4	150
155	5.7	4.6	3.9	5.3	4.4	3.7	4.9	4.2	3.6	4.2	4	3.4	3.9	4	155
160	5.5	4.5	3.8	5.2	4.4	3.7	4.8	4.1	3.5	4.2	3.9	3.4	3.9	3.9	160
165	5.4	4.4	3.8	5.1	4.3	3.7	4.8	4.1	3.5	4.2	3.9	3.3	3.9	3.9	165
170	5.3	4.4	3.8	5	4.2	3.6	4.7	4	3.5	4.1	3.8	3.3	3.8	3.8	170
175	5.2	4.3	3.7	4.9	4.2	3.6	4.6	4	3.5	4.1	3.8	3.3	3.8	3.8	175
180	5	4.2	3.7	4.8	4.1	3.6	4.5	3.9	3.5	4	3.7	3.3	3.7	3.7	180
185	4.9	4.1	3.6	4.7	4	3.6	4.5	3.8	3.4	4	3.7	3.3	3.7	3.7	185
190	4.8	4.1	3.6	4.7	3.9	3.5	4.4	3.8	3.4	3.9	3.6	3.3	3.7	3.6	190
195	4.7	4	3.6	4.6	3.9	3.5	4.3	3.7	3.4	3.9	3.6	3.3	3.6	3.6	195
200	4.6	4	3.5	4.5	3.9	3.5	4.2	3.7	3.4	3.8	3.5	3.3	3.6	3.5	200
205	4.5	3.9	3.5	4.4	3.8	3.5	4.2	3.6	3.4	3.7	3.5	3.3	3.6	3.5	205
210	4.4	3.8	3.5	4.3	3.8	3.4	4.1	3.6	3.4	3.7	3.5	3.3	3.5	3.4	210
215	4.4	3.8	3.5	4.3	3.7	3.4	4	3.6	3.3	3.6	3.4	3.2	3.5	3.4	215
220	4.3	3.7	3.5	4.2	3.7	3.4	4	3.5	3.3	3.5	3.4	3.2	3.5	3.4	220
225	4.2	3.7	3.5	4.1	3.6	3.4	3.9	3.5	3.3	3.4	3.3	3.2	3.3	3.4	225
230	4.1	3.7	3.5	4	3.6	3.4	3.9	3.5	3.3	3.2	3.3	3.2	3.2	3.3	230
235	4.1	3.6	3.5	4	3.5	3.4	3.8	3.4	3.3	3.1	3.2	3.2	3.1	3.2	235
240	4	3.6	3.5	3.9	3.5	3.4	3.8	3.4	3.3	2.9	3.1	3.2	2.9	3.1	240
245	3.9	3.6	3.5	3.9	3.5	3.4	3.7	3.4	3.3	2.8	3	3.2	2.8	3	245
250	3.9	3.5	3.5	3.8	3.4	3.4	3.6	3.4	3.3	2.6	2.9	3.1	2.6	2.9	250
255	3.8	3.5	3.5	3.7	3.4	3.4	3.5	3.3	3.3	2.5	2.8	3.1	2.5	2.8	255
260	3.8	3.5	3.5	3.7	3.4	3.4	3.5	3.3	3.3	2.3	2.7	3	2.3	2.6	260
265	3.7	3.5	3.5	3.6	3.4	3.4	3.4	3.3	3.3	2.2	2.5	2.8		2.5	265
270	3.7	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3		2.4	2.7		2.4	270
275	3.6	3.5	3.5	3.4	3.4	3.4	3.2	3.2	3.3		2.2	2.5		2.2	275
280	3.5	3.5	3.5	3.2	3.3	3.4	3	3.1	3.3			2.4			280
285	3.5	3.5		2.9	3.3	3.4		3.1	3.3			2.2			285
290	3.5	3.5		2.8	3.2	3.4		3	3.3						290
295	3.3	3.5		2.6	2.8	3.2		2.8	3.1						295
300	2.2	3.4		2.5	2.7				2.7						300
305		2.6			2.6										305
310					2.4										310

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# Lifting heights Hauteurs de levage

TK







# Lifting capacities Forces de levage

**TNZK**



↙ ↘	48 ft			144 ft			160 ft			176 ft			192 ft			↙ ↘
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	52.4															12
13	52.1															13
14	51.7															14
15	51.2															15
16	50.7															16
17	50.1															17
18	49.5															18
19	48.9	39.2														19
20	48.3	39														20
22	47.1	37.2														22
24	45.8	35.3		52.7												24
26	44.3	33.6		52.8												26
28	42.9	32.1	23.1	52.8			47.4									28
30	41.4	30.8	22.8	52.6			47.4									30
32	40.1	29.5	22.1	52.4			47.4			41.7						32
34	38.8	28.5	21.6	52			47.3			41.6						34
36	37.5	27.4	21.1	51.6			47.1			41.6			35.6			36
38	36.3	26.4	20.6	51.2	38.4		46.7			41.5			35.7			38
40	34.9	25.6	20.2	50.7	37.5		46.3			41.3			35.7			40
45	31.2	23.6	19.2	49.3	35.2	23.1	45.4	36.1		40.7			35.5			45
50	28	22.1	18.4	47.8	33.3	22.3	44.5	34.1	22.5	40.1	34.5		35.2			50
55	25.4	20.8	17.8	46.3	31.6	21.7	43.5	32.3	21.9	39.5	32.9	22	34.8	31.8		55
60	23.4	19.6	17.4	44.6	30	21.1	42.6	30.8	21.3	38.8	31.3	21.4	34.4	31	21.5	60
65	21.6	18.7	17.1	42.8	28.7	20.6	41.4	29.5	20.8	38.2	29.9	20.9	34	30.1	20.9	65
70	20.1	18	17.1	41.1	27.5	20.1	40.1	28.3	20.3	37.5	28.7	20.5	33.6	28.8	20.5	70
75	18.8	17.6	16.3	39.5	26.4	19.6	38.8	27.2	19.9	36.7	27.5	20	33.1	27.7	20.1	75
80	17.8	17.5		38	25.4	19.2	37.6	26.2	19.5	35.8	26.6	19.7	32.7	26.7	19.7	80
85				36.5	24.5	18.9	36.4	25.2	19.1	34.9	25.7	19.3	32	25.8	19.4	85
90				34.8	23.6	18.6	35.2	24.4	18.8	34	24.8	19	31.4	25	19.1	90
95				33	22.9	18.3	34.1	23.6	18.5	33.1	24	18.7	30.7	24.3	18.8	95
100				31.3	22.2	18	32.9	22.9	18.2	32.3	23.3	18.4	29.9	23.5	18.5	100
105				29.6	21.5	17.8	31.4	22.3	18	31.5	22.7	18.1	29	22.9	18.2	105
110				28.2	20.9	17.6	30	21.6	17.8	30.5	22.1	17.9	27.8	22.3	18	110
115				26.9	20.4	17.4	28.6	21	17.6	29.4	21.5	17.7	26.5	21.7	17.8	115
120				25.7	19.9	17.3	27.3	20.6	17.4	28.2	21	17.5	25.4	21.1	17.6	120
125				24.6	19.4	17.2	26.3	20.1	17.3	27	20.5	17.4	24.3	20.7	17.4	125
130				23.7	19	17.1	25.2	19.6	17.1	25.9	20.1	17.2	23.2	20.3	17.3	130
135				22.8	18.6	17.1	24.2	19.2	17.1	24.7	19.7	17.2	22.2	19.9	17.2	135
140				21.9	18.3	17.1	23.3	18.9	17	23.6	19.3	17.1	21.2	19.5	17.1	140
145				21.1	18	15.7	22.6	18.6	17	22.6	18.9	17	20.2	19.1	17.1	145
150				20.4	17.8	10.1	21.8	18.2	17	21.5	18.6	17	19.3	18.7	17	150
155				19.7	17.6	7.2	21	18	16.5	20.4	18.4	17	18.4	18.3	17	155
160				19.1	17.5	5.4	20.4	17.8	12.4	19	18.1	17	17.5	17.8	16.8	160
165				18.6	17.5		19.4	17.6	8.7	17.7	17.8	17	16.7	17.1	16.6	165
170				17.2	16		18.1	17.5	6.6	17	17.1	15.1	16	16.4	16.4	170
175				10.2	6.9		17	17.4	5.1	16.3	16.5	10.5	15	15.6	15.8	175
180							15.9	16.3		15.5	15.8	7.8	14	14.7	15	180
185							13.3	15.2		14.5	15	6.1	13.1	13.6	12.2	185
190							7.7	7.5		13.6	14	4.9	12.6	12.7	9.1	190
195										12.7	13		12.1	12.2	7.2	195
200										10.4	12.1		11.6	11.7	5.8	200
205										6.1	7.8		11	11.3		205
210													10.3	10.6		210
215													8.3	9.8		215
220													7.1	7.2		220

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# Lifting capacities Forces de levage

**TNZK**



48-256 ft T	208 ft 41 ft			224 ft 41 ft			240 ft 41 ft			253 ft 41 ft			256 ft 41 ft			41 ft T
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	30			23.3												45
50	30.1			23.5			19.4									50
55	29.9			23.6			19.4			16.4			15.9			55
60	29.7	28.3		23.8			19.4			16.4			15.9			60
65	29.5	27.8	20.9	23.9	23.9		19.3			16.4			16			65
70	29.3	27.3	22.6	23.8	23.7		19.2	19.2		16.3			15.9			70
75	28.9	26.9	22	23.6	23.3	22.5	19.1	18.8		16.1	16		15.8	15.7		75
80	28.5	26.4	21.5	23.2	22.8	22.1	18.9	18.4	17.8	15.9	15.8		15.6	15.5		80
85	28.1	25.6	21.1	22.6	22.3	21.6	18.7	17.9	17.4	15.7	15.5	15.1	15.4	15.2	15	85
90	27.4	24.8	20.8	22.1	21.7	21.2	18.2	17.5	16.9	15.5	15.1	14.7	15.2	15	14.6	90
95	26.7	24.1	20.5	21.5	21.1	20.7	17.9	17	16.4	15.1	14.8	14.4	14.9	14.6	14.2	95
100	25.8	23.4	20.2	20.8	20.4	20.3	17.4	16.6	16	14.7	14.4	14	14.5	14.3	13.9	100
105	24.9	22.8	19.9	20.2	19.8	19.7	17	16.1	15.6	14.3	14.1	13.7	14.1	13.9	13.6	105
110	24	22.2	19.4	19.5	19.1	19.1	16.5	15.7	15.2	13.9	13.7	13.4	13.8	13.6	13.3	110
115	23.2	21.7	18.8	18.9	18.5	18.5	16.1	15.3	14.9	13.5	13.3	13	13.4	13.2	12.9	115
120	22.4	21.1	18.2	18.2	17.9	17.9	15.6	14.9	14.5	13.1	12.9	12.7	12.9	12.8	12.6	120
125	21.5	20.7	17.6	17.6	17.3	17.3	15.1	14.6	14.2	12.6	12.5	12.4	12.5	12.4	12.3	125
130	20.7	20.1	17.3	17	16.8	16.7	14.6	14.2	13.9	12.2	12.1	12.1	12.1	12	12.1	130
135	19.9	19.6	17.2	16.4	16.2	16.2	14.1	13.8	13.5	11.8	11.7	11.8	11.7	11.6	11.7	135
140	19.1	19	17.1	15.9	15.7	15.7	13.7	13.4	13.2	11.4	11.3	11.4	11.3	11.2	11.4	140
145	18.3	18.3	17.1	15.4	15.2	15.2	13.2	13	12.9	11	10.9	11	10.9	10.9	11	145
150	17.5	17.7	17	14.9	14.7	14.7	12.8	12.7	12.6	10.6	10.6	10.7	10.6	10.5	10.6	150
155	16.7	17.1	16.8	14.4	14.3	14.3	12.4	12.3	12.3	10.3	10.2	10.3	10.2	10.2	10.3	155
160	16	16.4	16.3	13.9	13.8	13.8	12	11.9	12	9.9	9.9	10	9.8	9.8	9.9	160
165	15.3	15.6	15.7	13.5	13.3	13.4	11.6	11.6	11.6	9.6	9.5	9.6	9.5	9.5	9.6	165
170	14.6	14.9	15.2	13	12.9	13	11.2	11.2	11.3	9.2	9.2	9.3	9.2	9.2	9.3	170
175	13.9	14.2	14.5	12.5	12.5	12.6	10.9	10.8	10.9	8.9	8.9	9	8.9	8.9	9	175
180	13.2	13.6	13.9	12.1	12.1	12.2	10.5	10.5	10.6	8.6	8.6	8.7	8.6	8.6	8.7	180
185	12.6	13	13.2	11.6	11.7	11.8	10.2	10.2	10.3	8.3	8.3	8.4	8.3	8.3	8.4	185
190	12	12.3	12.6	11.1	11.3	11.5	9.8	9.8	9.9	8	8	8.1	8	8	8.1	190
195	11.2	11.7	11.9	10.7	10.9	11.1	9.5	9.5	9.6	7.8	7.8	7.9	7.7	7.8	7.9	195
200	10.3	11	10.7	10.2	10.4	10.7	9.2	9.2	9.3	7.5	7.5	7.6	7.4	7.5	7.6	200
205	9.8	10.1	8.3	9.7	10	10.2	8.9	8.9	9	7.3	7.3	7.4	7.1	7.3	7.4	205
210	9.5	9.5	6.7	9.2	9.5	9.7	8.6	8.7	8.8	7.1	7	7.1	6.8	7.1	7.1	210
215	9.1	9.2	5.5	8.7	9	9.2	8.3	8.4	8.5	6.8	6.8	6.9	6.5	6.8	6.8	215
220	8.7	8.8		7.9	8.4	7.6	7.9	8.1	8.2	6.6	6.6	6.7	6.2	6.4	6.5	220
225	8.4	8.5		7.6	7.7	6.3	7.6	7.8	7.9	6.4	6.4	6.5	5.9	6.1	6.2	225
230	7	8.2		7.4	7.4	5.3	7.2	7.5	7.6	6.2	6.2	6.3	5.5	5.7	5.9	230
235	5.6	6.6		7.1	7.2		6.8	7.1	7	6	6	6.1	5.1	5.4	5.5	235
240				6.9	6.9		6.3	6.6	6	5.8	5.8	5.9	4.8	5	5.1	240
245				6.1	6.8		5.8	6.1	5.1	5.5	5.6	5.7	4.4	4.7	4.7	245
250				3.5	4.8		5.1	5.5		5.2	5.4	5.5	4.1	4.3	4.4	250
255							4.6	4.9		4.6	5	5.1	3.8	4	4	255
260							3.2	4.3		4	4.4		3.5	3.7	3.7	260
265										3.4	3.8		3.2	3.4		265
270										2.8	3.2		2.7	3		270
275														2.4		275

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# Lifting capacities Forces de levage

**TNZK**



↙ ↘	48 ft 69 ft			144 ft 69 ft			160 ft 69 ft			176 ft 69 ft			192 ft 69 ft			↙ ↘
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	20.8															12
13	20.8															13
14	20.9															14
15	21															15
16	21															16
17	21															17
18	21															18
19	21															19
20	21															20
22	21															22
24	20.9															24
26	20.7															26
28	20.5			20.8												28
30	20.3			20.9			19.9									30
32	20			21			19.9									32
34	19.7	17.8		21			19.9			18.7						34
36	19.4	17.5		21			19.9			18.7						36
38	19.1	17.2		21			19.9			18.8			17.4			38
40	18.7	16.9		21			19.9			18.8			17.4			40
45	17.9	16.1		21			19.9			18.8			17.5			45
50	17.1	15.4		20.8			19.9			18.8			17.5			50
55	16.3	14.7	13.2	20.5	17.5		19.8	17.2		18.8			17.5			55
60	15.5	14.1	12.8	20.3	17		19.6	16.8		18.7	16.3		17.5			60
65	14.8	13.6	12.4	19.9	16.7		19.3	16.4		18.5	16		17.3	15.2		65
70	14.2	13.1	12	19.5	16.2	13.4	19	16		18.2	15.6		17.1	15		70
75	13.6	12.6	11.8	19	15.8	13.2	18.6	15.6	13.1	17.9	15.3		16.8	14.7		75
80	13.1	12.3	11.6	18.6	15.4	13	18.2	15.3	12.9	17.6	15	12.7	16.6	14.4		80
85	12.6	12	11.4	18.1	15.1	12.8	17.8	15	12.7	17.2	14.7	12.5	16.3	14.2	12.2	85
90	12.1	11.7	11.4	17.7	14.7	12.6	17.4	14.6	12.5	16.9	14.4	12.3	16	13.9	12.1	90
95	11.6	11.5	11.4	17.2	14.4	12.4	17	14.3	12.3	16.5	14.1	12.2	15.7	13.7	11.9	95
100	11.1	11.4	11.4	16.7	14.1	12.2	16.6	14.1	12.2	16.2	13.9	12	15.4	13.4	11.8	100
105	10.6	11.3	4.5	16.3	13.8	12.1	16.2	13.8	12	15.8	13.6	11.9	15.1	13.2	11.7	105
110	9.8			15.9	13.5	11.9	15.8	13.5	11.9	15.5	13.4	11.7	14.9	13	11.5	110
115				15.5	13.3	11.8	15.5	13.3	11.8	15.2	13.1	11.6	14.6	12.8	11.4	115
120				15.1	13.1	11.7	15.1	13	11.6	14.9	12.9	11.5	14.4	12.6	11.3	120
125				14.7	12.8	11.6	14.8	12.8	11.5	14.6	12.7	11.4	14.1	12.4	11.2	125
130				14.4	12.6	11.5	14.4	12.6	11.4	14.3	12.5	11.4	13.9	12.3	11.1	130
135				14.1	12.4	11.4	14.1	12.4	11.4	14	12.3	11.3	13.6	12.1	11.1	135
140				13.7	12.2	11.4	13.8	12.3	11.3	13.8	12.2	11.2	13.4	11.9	11	140
145				13.4	12.1	11.4	13.6	12.1	11.3	13.5	12	11.2	13.2	11.8	11	145
150				13.1	11.9	11.4	13.3	11.9	11.2	13.2	11.9	11.1	13	11.7	10.9	150
155				12.9	11.8	11.4	13	11.8	11.2	13	11.7	11.1	12.8	11.5	10.9	155
160				12.6	11.7	11.4	12.8	11.7	11.2	12.8	11.6	11.1	12.6	11.4	10.8	160
165				12.3	11.6	11.4	12.5	11.6	11.2	12.5	11.5	11.1	12.4	11.3	10.8	165
170				12	11.5	11.4	12.3	11.5	11.2	12.3	11.4	11.1	12.2	11.2	10.8	170
175				11.8	11.5	11.4	12.1	11.4	11.2	12.1	11.3	11.1	12	11.1	10.8	175
180				11.5	11.4	8.6	11.8	11.3	11.2	12	11.2	11.1	11.8	11.1	10.8	180
185				11.2	11.3	6.2	11.6	11.3	11.2	11.8	11.2	11.1	11.7	11	10.8	185
190				10.9	11.3		11.4	11.3	10.3	11.6	11.1	11.1	11.5	10.9	10.8	190
195				10.6	11.3		11.2	11.2	7.6	11.4	11.1	11.1	11.2	10.9	10.8	195
200				10.2	10.7		11	11.2	5.8	11.3	11.1	11.1	11	10.9	10.8	200
205							10.8	11.2		11.1	11	9.1	10.7	10.9	10.8	205
210							10.5	11.2		10.9	11	7	10.1	10.6	10.8	210
215							7.7	10.6		10.7	10.9	5.4	9.4	10.2	10.3	215
220										10.1	10.7		9	9.4	8.2	220
225										8.8	9.9		8.7	8.8	6.4	225
230										6	8.1		8.3	8.5	5.2	230
235										8	3		8	8.2		235
240													7	7.9		240
245													5.2	6.5		245
250														5.2		250

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# Lifting capacities Forces de levage

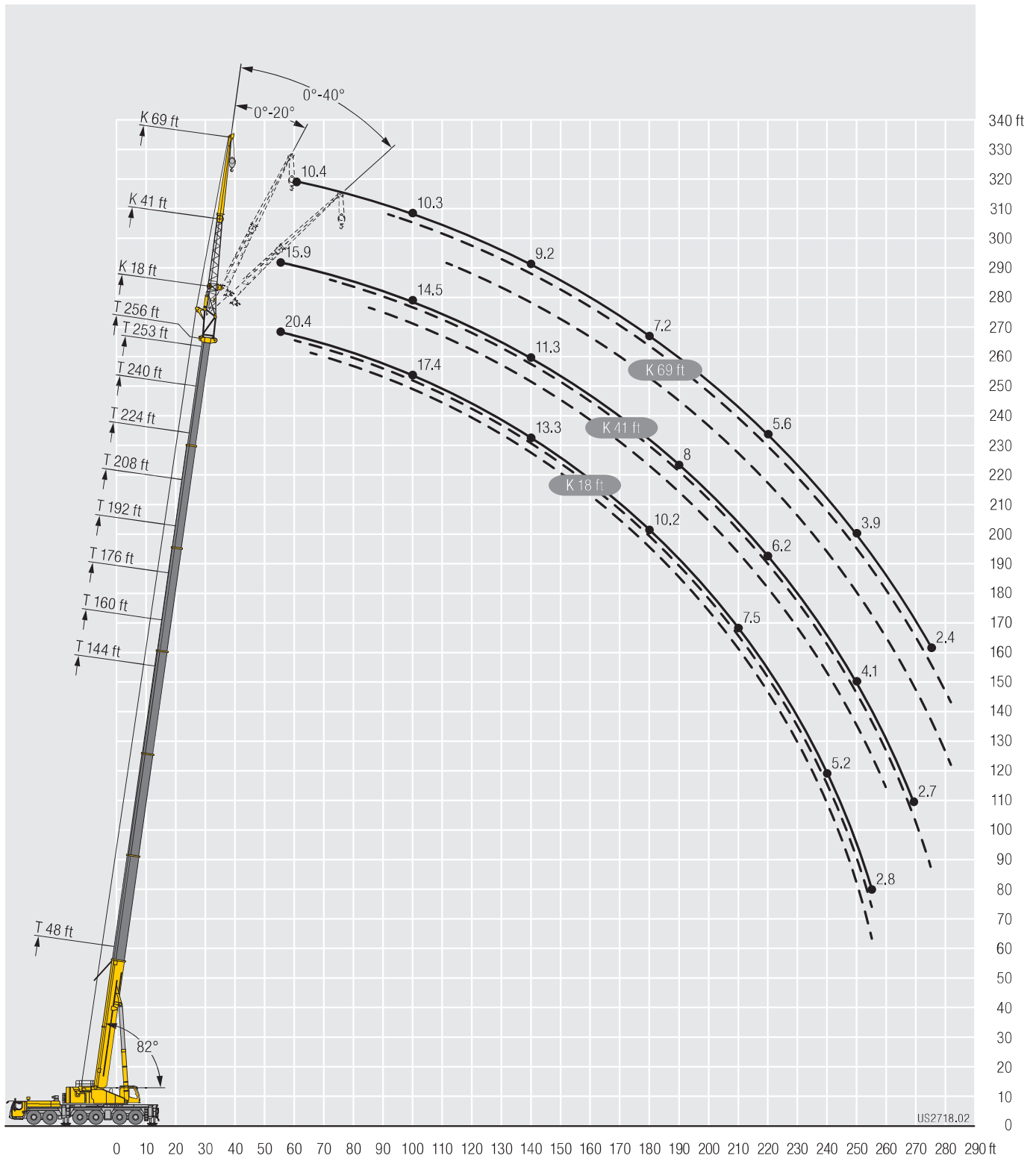
**TNZK**



↙ ↘	208 ft 69 ft			224 ft 69 ft			240 ft 69 ft			253 ft 69 ft			256 ft 69 ft			↙ ↘
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	15.8															45
50	15.9			14												50
55	15.9			14.1			12.2									55
60	15.8			14.1			12.2			10.6			10.4			60
65	15.7			14			12.2			10.6			10.4			65
70	15.6	14.1		14			12.2			10.7			10.4			70
75	15.5	13.9		13.8			12.1			10.7			10.5			75
80	15.2	13.6		13.7	12.6		12.1			10.7			10.4			80
85	15	13.4		13.6	12.5		12	11.3		10.6			10.4			85
90	14.8	13.2	11.7	13.4	12.3		11.9	11.2		10.6	10.2		10.4	10		90
95	14.6	13	11.5	13.2	12.1	11.1	11.8	11.1		10.5	10.1		10.3	9.9		95
100	14.4	12.8	11.4	13.1	12	11	11.7	11		10.4	10.1		10.3	9.9		100
105	14.2	12.6	11.3	13	11.9	10.9	11.6	10.9	10.3	10.4	10		10.2	9.8		105
110	14	12.4	11.2	12.8	11.7	10.8	11.5	10.8	10.3	10.3	9.9	9.6	10.1	9.8	9.5	110
115	13.8	12.3	11.1	12.7	11.6	10.7	11.4	10.7	10.2	10.2	9.8	9.5	10	9.7	9.4	115
120	13.6	12.1	11	12.5	11.5	10.6	11.2	10.6	10.1	10.1	9.6	9.4	10	9.5	9.3	120
125	13.4	12	11	12.4	11.4	10.6	11.1	10.5	10.1	10	9.4	9.2	9.9	9.4	9.1	125
130	13.2	11.8	10.9	12.2	11.2	10.5	10.9	10.4	10	9.8	9.2	8.9	9.7	9.1	8.9	130
135	13	11.7	10.8	12.1	11.1	10.5	10.8	10.2	9.9	9.5	9	8.7	9.4	8.9	8.7	135
140	12.8	11.5	10.8	11.9	11	10.5	10.6	10	9.7	9.2	8.7	8.5	9.2	8.7	8.5	140
145	12.6	11.4	10.7	11.8	10.9	10.4	10.4	9.8	9.5	9	8.5	8.3	8.9	8.5	8.3	145
150	12.4	11.3	10.7	11.6	10.8	10.4	10.2	9.5	9.3	8.7	8.3	8.1	8.7	8.3	8.1	150
155	12.2	11.2	10.7	11.5	10.7	10.4	10	9.3	9.1	8.5	8.1	7.9	8.4	8.1	7.9	155
160	12.1	11.1	10.6	11.3	10.6	10.3	9.7	9.1	8.9	8.2	7.9	7.8	8.2	7.9	7.8	160
165	11.9	11	10.6	11.1	10.5	10.3	9.5	8.9	8.8	8	7.7	7.6	7.9	7.7	7.6	165
170	11.8	10.9	10.6	10.8	10.4	10.3	9.2	8.7	8.6	7.7	7.6	7.5	7.7	7.5	7.5	170
175	11.6	10.9	10.6	10.5	10.2	10.3	8.9	8.5	8.4	7.4	7.4	7.3	7.4	7.4	7.3	175
180	11.4	10.8	10.6	10.2	10	10.2	8.7	8.3	8.2	7.2	7.2	7.2	7.2	7.2	7.2	180
185	11.1	10.7	10.6	9.9	9.8	10	8.5	8.1	8.1	7	7	7	6.9	7	7	185
190	10.8	10.7	10.6	9.6	9.6	9.8	8.2	8	7.9	6.8	6.8	6.9	6.7	6.8	6.9	190
195	10.6	10.6	10.6	9.3	9.3	9.6	7.9	7.8	7.8	6.6	6.7	6.8	6.5	6.6	6.7	195
200	10.3	10.5	10.6	9.1	9.1	9.3	7.7	7.6	7.6	6.4	6.5	6.6	6.3	6.4	6.6	200
205	9.9	10.2	10.5	8.8	8.8	9	7.5	7.5	7.5	6.2	6.3	6.4	6.2	6.2	6.4	205
210	9.5	9.8	10.2	8.5	8.5	8.7	7.3	7.3	7.4	6	6.1	6.2	6	6	6.2	210
215	9.1	9.5	9.9	8.2	8.3	8.5	7.1	7.1	7.2	5.8	5.9	6	5.8	5.9	6	215
220	8.6	9.1	9.4	7.9	8	8.2	6.9	6.9	7.1	5.6	5.7	5.9	5.6	5.7	5.8	220
225	7.9	8.7	8.9	7.6	7.7	8	6.7	6.8	6.9	5.5	5.5	5.7	5.3	5.5	5.7	225
230	7.3	8.1	8.4	7.3	7.5	7.7	6.5	6.6	6.8	5.3	5.4	5.5	5	5.3	5.5	230
235	7	7.5	7.5	6.9	7.2	7.4	6.3	6.4	6.6	5.1	5.2	5.4	4.7	5.2	5.3	235
240	6.8	7	6.1	6.5	6.9	7.1	6.1	6.3	6.4	5	5	5.2	4.5	5	5.1	240
245	6.6	6.7	5	6.1	6.6	6.8	5.9	6.1	6.2	4.8	4.9	5	4.2	4.7	4.8	245
250	6.4	6.5		5.7	6.2	6.3	5.7	5.9	6.1	4.6	4.7	4.9	3.9	4.4	4.5	250
255	5.7	6.2		5.5	5.7	5.7	5.4	5.7	5.9	4.4	4.6	4.7	3.6	4.1	4.2	255
260	4.9	5.4		5.4	5.4		4.9	5.4	5.6	4.2	4.4	4.5	3.3	3.7	3.9	260
265		3.4		5.2	5.3		4.4	5.1	5.3	4	4.2	4.4	3	3.4	3.5	265
270				4.7	5.1		3.9	4.5	4.6	3.7	4	4.1	2.7	3.1	3.2	270
275				2.8	4.5		3.3	3.9		3.3	3.8	3.9	2.4	2.8	2.9	275
280							2.8	3.4		2.5	3.4	3.5		2.5	2.5	280
285								2.8				2.9				285

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# Lifting heights Hauteurs de levage



# Lifting capacities Forces de levage

**TNZK**



Lifting hook icon	48 ft			144 ft			160 ft			176 ft			192 ft			Lifting hook icon
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	31.4															12
13	31.4															13
14	31.4															14
15	31.4															15
16	31.2															16
17	31															17
18	30.7															18
19	30.5															19
20	30.2															20
22	29.6															22
24	29															24
26	28.4															26
27.7				31.4												27.7
30	27.1			31.4			27									30
32	26.4	22.9		31.4			27									32
34	25.8	22.3		31.3			27			24.9						34
36	25.2	21.6		31.1			27			24.9						36
38	24.6	21		30.9			27			24.9			22.1			38
40	24	20.4		30.6			27			25			22.1			40
45	22.6	19.1		29.8			27			25			22.1			45
50	21.2	17.9	15.1	29	22.7		26.9			25			22.2			50
55	19.7	16.9	14.3	28.1	21.8		26.7	22.3		24.7			22.1			55
60	18.2	16	13.7	27.3	21		26.1	21.7		24.3	20.9		21.9			60
65	16.9	15.2	13.1	26.4	20.3	15.4	25.5	21.2		23.9	20.4		21.6	19.3		65
70	15.6	14.5	12.6	25.6	19.6	15	25	20.6	15.9	23.4	19.9		21.3	18.9		70
75	14.5	13.8	12.2	24.8	18.9	14.6	24.3	20.1	15.7	23	19.5	15.5	21	18.6		75
80	13.6	13.2	11.9	24	18.3	14.3	23.7	19.6	15.4	22.5	19.1	15.2	20.7	18.2	14.9	80
85	12.7	12.7	11.7	23.2	17.8	14	23.1	19.1	15.1	22.1	18.7	14.9	20.4	17.9	14.6	85
90	11.9	12.2	11.6	22.4	17.2	13.7	22.5	18.6	14.8	21.6	18.2	14.7	20	17.5	14.4	90
95	11.3	11.8	11.6	21.7	16.7	13.4	21.9	18.1	14.5	21.1	17.8	14.4	19.7	17.2	14.2	95
100	10.7	11.6	5.1	20.9	16.2	13.1	21.4	17.6	14.3	20.7	17.4	14.2	19.4	16.8	14	100
105	10.3			20.1	15.8	12.9	20.8	17.1	14.1	20.2	17	14	19.1	16.5	13.8	105
110				19.3	15.4	12.7	20.3	16.7	13.9	19.8	16.6	13.8	18.8	16.2	13.6	110
115				18.5	15	12.5	19.8	16.3	13.7	19.4	16.2	13.6	18.4	15.9	13.4	115
120				17.7	14.7	12.3	19.3	15.9	13.5	18.9	15.9	13.4	18.1	15.5	13.2	120
125				17	14.3	12.1	18.8	15.6	13.3	18.5	15.6	13.3	17.8	15.2	13.1	125
130				16.3	14	12	18.3	15.3	13.2	18.1	15.2	13.1	17.5	15	13	130
135				15.6	13.7	11.9	17.8	14.9	13	17.7	15	13	17.2	14.7	12.8	135
140				15	13.4	11.8	17.3	14.6	12.9	17.3	14.7	12.9	16.8	14.4	12.8	140
145				14.5	13.1	11.7	16.9	14.3	12.8	16.9	14.4	12.8	16.5	14.2	12.7	145
150				14	12.9	11.7	16.4	14	12.8	16.5	14.1	12.7	16.2	14	12.6	150
155				13.5	12.6	11.6	15.9	13.8	12.7	16.1	13.9	12.7	15.8	13.7	12.5	155
160				13	12.3	11.6	15.4	13.5	12.6	15.7	13.6	12.6	15.5	13.5	12.5	160
165				12.5	12.1	11.6	14.9	13.3	12.6	15.3	13.3	12.6	15.1	13.3	12.4	165
170				12.1	12	11.6	14.4	13	12.6	14.9	13.1	12.5	14.7	13.1	12.4	170
175				11.8	11.8	8.6	13.9	12.8	12.6	14.5	12.9	12.5	14.2	12.9	12.3	175
180				11.4	11.7	6.3	13.5	12.6	12.6	14.1	12.7	12.5	13.8	12.7	12.3	180
185				11.1	11.6		13.1	12.5	10.6	13.7	12.5	12.4	13.3	12.5	12.3	185
190				10.8	11.6		12.7	12.3	7.6	13.3	12.4	12.4	12.7	12.2	12.3	190
195				10.5	11.1		12.3	12.3	5.8	12.8	12.3	11.8	12.2	12	12.3	195
200							12	12.2		12.4	12.2	9.1	11.3	11.8	12	200
205							11.5	12.2		11.9	11.9	7	10.5	11.4	11.6	205
210							8.2	10.9		11.2	11.5	5.5	9.7	10.6	10.6	210
215								3.8		10.5	11		9.4	9.7	8.2	215
220										9.3	10.2		9	9.2	6.5	220
225										6.3	8.4		8.7	8.8	5.2	225
230											3.4		8.3	8.5		230
235													7.4	8.1		235
240													5.4	6.8		240
245													4.1	5.4		245

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# Lifting capacities Forces de levage

**TNZK**



↙ ↘	208 ft			224 ft			240 ft			253 ft			256 ft			↙ ↘
	64 ft			64 ft			64 ft			64 ft			64 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
45	19.2															45
50	19.2			16.4												50
55	19.3			16.4			13.8									55
60	19.2			16.4			13.9			11.9			11.6			60
65	19.1			16.4			13.9			11.9			11.6			65
70	18.9	17.5		16.4			13.9			12			11.7			70
75	18.7	17.2		16.3	15.5		13.9			12			11.7			75
80	18.5	17		16.2	15.4		13.8			11.8			11.6			80
85	18.3	16.7	14.2	16	15.2		13.7	13.2		11.7			11.5			85
90	18.1	16.5	14	15.9	15.1		13.6	13.2		11.6	11.2		11.4	10.9		90
95	17.9	16.2	13.8	15.7	14.9	13.1	13.5	13.1		11.5	11.2		11.3	10.9		95
100	17.7	15.9	13.6	15.6	14.8	13	13.3	12.9	12.1	11.4	11.1		11.2	10.8		100
105	17.4	15.7	13.4	15.4	14.6	12.9	13.2	12.6	12	11.2	10.9	10.5	11.1	10.7	10.4	105
110	17.2	15.4	13.2	15.2	14.4	12.7	13	12.2	11.7	11.1	10.6	10.2	10.9	10.5	10.2	110
115	17	15.2	13.1	15	14.2	12.6	12.8	11.9	11.4	10.9	10.3	10	10.7	10.2	9.9	115
120	16.8	14.9	13	14.8	14	12.5	12.5	11.6	11.2	10.7	10.1	9.7	10.6	10	9.7	120
125	16.6	14.7	12.8	14.6	13.8	12.4	12.2	11.3	10.9	10.5	9.8	9.5	10.4	9.7	9.4	125
130	16.3	14.4	12.7	14.3	13.6	12.3	11.8	11	10.6	10.2	9.6	9.3	10.1	9.5	9.2	130
135	16.1	14.2	12.6	14	13.4	12.2	11.5	10.7	10.4	9.9	9.3	9	9.8	9.2	9	135
140	15.9	14	12.5	13.7	13.2	12.2	11.2	10.5	10.1	9.6	9.1	8.8	9.5	9	8.8	140
145	15.6	13.8	12.4	13.2	12.9	12.1	10.9	10.2	9.9	9.3	8.9	8.6	9.2	8.8	8.6	145
150	15.2	13.6	12.4	12.8	12.6	12	10.6	9.9	9.7	9	8.6	8.4	8.9	8.6	8.4	150
155	14.8	13.4	12.3	12.4	12.2	11.9	10.4	9.7	9.5	8.7	8.4	8.2	8.6	8.4	8.2	155
160	14.3	13.1	12.2	12	11.8	11.7	10.1	9.5	9.2	8.4	8.2	8	8.3	8.2	8	160
165	13.9	12.9	12.2	11.6	11.5	11.5	9.8	9.2	9	8.1	8	7.8	8.1	7.9	7.8	165
170	13.4	12.7	12.1	11.2	11.1	11.2	9.5	9	8.9	7.8	7.8	7.7	7.8	7.7	7.7	170
175	13	12.5	12.1	10.9	10.8	10.9	9.2	8.8	8.7	7.5	7.5	7.5	7.5	7.5	7.5	175
180	12.5	12.2	12	10.5	10.5	10.6	9	8.6	8.5	7.2	7.3	7.3	7.2	7.3	7.3	180
185	12	11.9	11.9	10.1	10.1	10.3	8.7	8.4	8.3	7	7.1	7.2	7	7.1	7.1	185
190	11.4	11.6	11.7	9.8	9.8	10	8.4	8.2	8.2	6.8	6.9	7	6.8	6.9	7	190
195	10.9	11.3	11.6	9.5	9.5	9.7	8.1	8	8	6.6	6.7	6.8	6.6	6.7	6.8	195
200	10.4	10.9	11.1	9.2	9.2	9.4	7.8	7.9	7.9	6.4	6.5	6.6	6.4	6.5	6.6	200
205	10	10.4	10.7	8.9	8.9	9.1	7.6	7.6	7.7	6.2	6.3	6.4	6.2	6.3	6.4	205
210	9.5	9.9	10.2	8.6	8.6	8.8	7.4	7.4	7.5	6	6.1	6.2	6	6.1	6.2	210
215	8.9	9.5	9.7	8.3	8.3	8.6	7.2	7.2	7.3	5.8	5.9	6	5.8	5.9	6	215
220	8.3	9	9.2	7.9	8	8.3	7	7	7.1	5.7	5.7	5.9	5.5	5.7	5.9	220
225	7.6	8.4	8.6	7.6	7.7	8	6.7	6.8	6.9	5.5	5.5	5.7	5.2	5.5	5.7	225
230	7.3	7.7	7.5	7.2	7.4	7.7	6.5	6.6	6.8	5.3	5.4	5.5	4.9	5.3	5.5	230
235	7	7.1	6.1	6.8	7.1	7.3	6.3	6.4	6.6	5.2	5.2	5.3	4.6	5.1	5.3	235
240	6.8	6.9	5	6.3	6.8	7	6.1	6.3	6.4	5	5	5.2	4.3	4.8	5	240
245	6.6	6.6		5.9	6.3	6.5	5.8	6.1	6.2	4.8	4.9	5	4.1	4.5	4.7	245
250	6	6.4		5.7	5.8	5.8	5.6	5.9	6.1	4.6	4.7	4.9	3.8	4.2	4.4	250
255	5	5.6		5.5	5.6		5.1	5.6	5.8	4.4	4.6	4.7	3.5	3.8	4	255
260		3.6		5.4	5.4		4.6	5.3	5.4	4.1	4.4	4.5	3.2	3.5	3.7	260
265				4.9	5.3		4	4.7	4.8	3.8	4.1	4.3	2.9	3.2	3.3	265
270				3	4.6		3.5	4.1		3.3	3.9	4	2.6	2.9	3	270
275							3	3.5			3.5	3.6		2.6	2.6	275
280								2.9			2.5	2.6				280

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# Lifting capacities Forces de levage

**TNZK**



48 ft 87 ft	48 ft 87 ft			144 ft 87 ft			160 ft 87 ft			176 ft 87 ft			192 ft 87 ft			48 ft 87 ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	19.4															14
15	19.4															15
16	19.4															16
17	19.4															17
18	19.4															18
19	19.5															19
20	19.4															20
22	19.3															22
24	19.1															24
26	18.9															26
28	18.5															28
30	18.2															30
32	17.8			19.4												32
34	17.5			19.4			18									34
36	17.1			19.5			18.1									36
38	16.8			19.5			18.1			16.5						38
40	16.4			19.4			18.1			16.6						40
45	15.6	13.5		19.2			18.1			16.6			14.9			45
50	14.8	12.7		18.8			17.8			16.5			15			50
55	14	11.9		18.3			17.5			16.4			14.9			55
60	13.1	11.2		17.8			17			16.1			14.7			60
65	12.4	10.6	8.9	17.2	13.4		16.6	13.1		15.7			14.5			65
70	11.6	10	8.5	16.7	12.9		16.2	12.7		15.4	12.4		14.3			70
75	10.9	9.5	8.1	16.2	12.4		15.8	12.3		15	12		14	11.6		75
80	10.3	9	7.8	15.7	12		15.3	11.9		14.7	11.7		13.7	11.3		80
85	9.7	8.5	7.5	15.2	11.5	8.7	14.9	11.5		14.3	11.3		13.4	11		85
90	9.1	8.2	7.3	14.8	11.1	8.5	14.5	11.1	8.5	14	11	8.4	13.2	10.7		90
95	8.6	7.8	7.1	14.3	10.8	8.3	14.1	10.8	8.3	13.6	10.7	8.2	12.9	10.4	8	95
100	8.2	7.5	6.9	13.8	10.5	8.1	13.7	10.5	8.1	13.3	10.4	8	12.6	10.1	7.9	100
105	7.8	7.3	6.8	13.3	10.1	8	13.3	10.2	7.9	13	10.1	7.9	12.3	9.8	7.8	105
110	7.3	7	6.8	12.9	9.8	7.8	12.9	9.9	7.8	12.6	9.8	7.7	12.1	9.6	7.6	110
115	7	6.9	6.8	12.4	9.5	7.6	12.5	9.6	7.6	12.3	9.6	7.6	11.8	9.3	7.5	115
120	6.7	6.8	6.8	12	9.3	7.5	12.1	9.3	7.5	12	9.3	7.5	11.5	9.1	7.4	120
125	6.5	6.8		11.5	9	7.4	11.7	9.1	7.4	11.6	9	7.3	11.3	8.9	7.3	125
130				11.1	8.8	7.3	11.4	8.8	7.3	11.3	8.8	7.2	11	8.7	7.2	130
135				10.7	8.5	7.2	11	8.6	7.2	11	8.6	7.1	10.7	8.5	7.1	135
140				10.3	8.3	7.1	10.6	8.4	7.1	10.7	8.4	7	10.4	8.3	7	140
145				10	8.1	7	10.2	8.2	7	10.4	8.2	7	10.2	8.2	6.9	145
150				9.6	7.9	6.9	9.9	8	6.9	10.1	8.1	6.9	9.9	8	6.8	150
155				9.3	7.8	6.9	9.6	7.9	6.9	9.8	7.9	6.8	9.7	7.8	6.8	155
160				9	7.6	6.8	9.3	7.7	6.8	9.5	7.7	6.8	9.4	7.7	6.7	160
165				8.8	7.4	6.8	9	7.6	6.8	9.2	7.6	6.7	9.2	7.5	6.7	165
170				8.5	7.3	6.8	8.8	7.4	6.8	9	7.4	6.7	8.9	7.4	6.6	170
175				8.2	7.2	6.8	8.5	7.3	6.7	8.7	7.3	6.7	8.7	7.3	6.6	175
180				7.9	7.1	6.8	8.3	7.2	6.7	8.5	7.2	6.6	8.5	7.2	6.6	180
185				7.7	7	6.8	8.1	7.1	6.7	8.2	7.1	6.6	8.3	7.1	6.6	185
190				7.5	6.9	6.8	7.9	7	6.7	8	7	6.6	8.1	7	6.5	190
195				7.2	6.9	6.8	7.6	6.9	6.7	7.9	6.9	6.6	7.9	6.9	6.5	195
200				7	6.8	6.8	7.4	6.8	6.7	7.7	6.9	6.6	7.7	6.8	6.5	200
205				6.9	6.8	5.4	7.3	6.8	6.7	7.5	6.8	6.6	7.6	6.8	6.5	205
210				6.7	6.8		7.1	6.8	6.7	7.4	6.7	6.6	7.5	6.7	6.5	210
215				6.6	6.8		6.9	6.8	6.5	7.2	6.7	6.6	7.3	6.7	6.5	215
220				6.1	6.8		6.8	6.8	5.1	7.1	6.7	6.6	7.2	6.6	6.5	220
225							6.6	6.8		6.9	6.7	6.6	7.1	6.6	6.5	225
230							6.5	6.8		6.8	6.6	6.2	6.9	6.6	6.5	230
235							4.4	6.6		6.6	6.6		6.8	6.6	6.5	235
240										6.6	6.6		6.7	6.6	6.5	240
245										5.7	6.6		6.6	6.6	5.9	245
250										2.8	5.1		6.5	6.5		250
255													6.2	6.4		255
260													4.4	6.2		260
265													3.9	4		265

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# Lifting capacities Forces de levage

**TNZK**



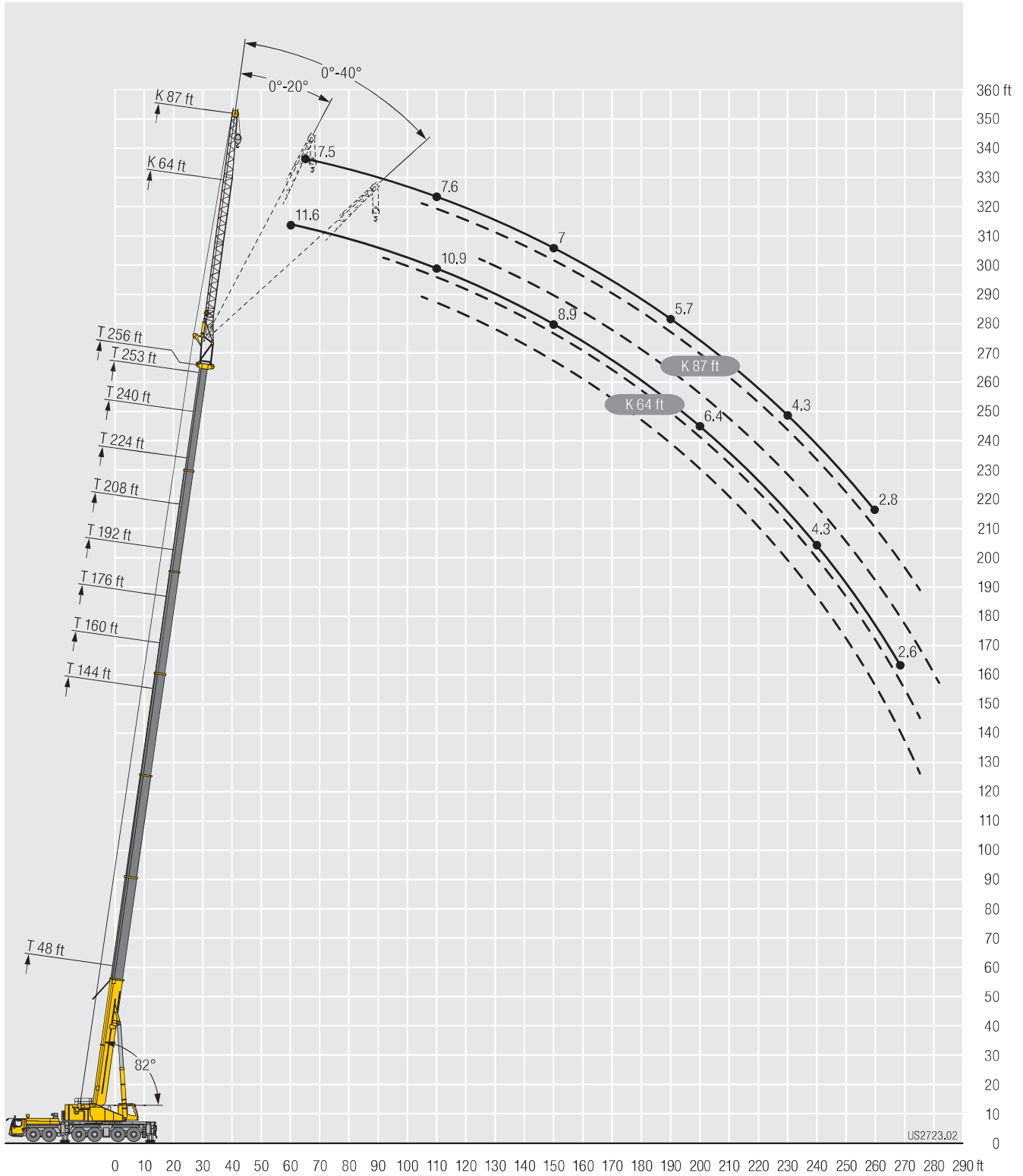
Lifting hook icon	208 ft			224 ft			240 ft			253 ft			256 ft			Lifting hook icon
	87 ft			87 ft			87 ft			87 ft			87 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	13.1															50
55	13.1			11.2												55
60	13.1			11.3			9.4									60
65	13			11.3			9.5			7.8			7.5			65
70	12.9			11.2			9.5			8.1			7.8			70
75	12.7			11.1			9.5			8.2			7.9			75
80	12.5	10.6		11			9.5			8.2			7.9			80
85	12.3	10.4		10.9			9.4			8.1			7.9			85
90	12.1	10.1		10.8	9.4		9.3			8			7.8			90
95	11.9	9.9		10.6	9.2		9.2	8.4		7.9			7.7			95
100	11.7	9.7		10.5	9		9.1	8.3		7.8	7.4		7.7			100
105	11.4	9.4	7.6	10.3	8.8		9	8.1		7.8	7.3		7.6	7.3		105
110	11.2	9.2	7.4	10.2	8.7	7.1	8.9	8		7.7	7.3		7.6	7.3		110
115	11	9	7.3	10	8.5	7.1	8.8	7.9	6.7	7.7	7.3		7.5	7.2		115
120	10.8	8.8	7.2	9.9	8.4	7	8.7	7.7	6.7	7.6	7.2		7.5	7.1		120
125	10.6	8.6	7.1	9.7	8.2	6.9	8.6	7.6	6.7	7.6	7.1	6.4	7.5	7	6.4	125
130	10.4	8.5	7	9.6	8	6.8	8.5	7.5	6.6	7.6	7	6.4	7.4	6.9	6.3	130
135	10.2	8.3	7	9.4	7.9	6.8	8.4	7.4	6.5	7.5	6.9	6.3	7.4	6.9	6.3	135
140	10	8.1	6.9	9.3	7.8	6.7	8.3	7.3	6.5	7.4	6.8	6.3	7.2	6.8	6.2	140
145	9.8	8	6.8	9.1	7.6	6.7	8.2	7.2	6.4	7.2	6.8	6.2	7.1	6.7	6.2	145
150	9.5	7.8	6.7	9	7.5	6.6	8.1	7.1	6.4	7.1	6.7	6.2	7	6.6	6.2	150
155	9.3	7.7	6.7	8.8	7.4	6.5	8	7	6.4	6.9	6.6	6.1	6.9	6.5	6.1	155
160	9.1	7.5	6.6	8.6	7.3	6.5	7.8	6.9	6.3	6.8	6.4	6.1	6.7	6.4	6.1	160
165	8.9	7.4	6.6	8.5	7.2	6.5	7.6	6.8	6.3	6.7	6.3	6	6.6	6.3	6	165
170	8.7	7.3	6.5	8.3	7.1	6.4	7.4	6.7	6.2	6.5	6.2	6	6.4	6.1	5.9	170
175	8.5	7.2	6.5	8.1	7	6.4	7.3	6.7	6.2	6.3	6	5.9	6.3	6	5.9	175
180	8.3	7.1	6.5	8	6.9	6.4	7.1	6.6	6.2	6.1	5.9	5.8	6.1	5.9	5.8	180
185	8.1	7	6.4	7.8	6.8	6.3	6.9	6.5	6.2	6	5.7	5.7	5.9	5.7	5.7	185
190	8	6.9	6.4	7.7	6.7	6.3	6.8	6.4	6.2	5.8	5.6	5.6	5.7	5.6	5.5	190
195	7.8	6.8	6.4	7.5	6.7	6.3	6.6	6.3	6.1	5.6	5.5	5.5	5.5	5.5	5.4	195
200	7.7	6.7	6.4	7.4	6.6	6.3	6.5	6.2	6.1	5.4	5.4	5.4	5.3	5.4	5.3	200
205	7.5	6.7	6.4	7.2	6.5	6.3	6.3	6	6	5.2	5.3	5.3	5.2	5.3	5.2	205
210	7.4	6.6	6.4	7.1	6.5	6.3	6.2	5.9	5.9	5	5.1	5.2	5	5.1	5.2	210
215	7.2	6.6	6.4	6.9	6.5	6.3	6.1	5.8	5.8	4.8	5	5.1	4.8	5	5.1	215
220	7.1	6.5	6.4	6.8	6.4	6.3	5.9	5.7	5.7	4.6	4.8	5	4.6	4.8	4.9	220
225	6.9	6.5	6.4	6.6	6.4	6.3	5.8	5.6	5.6	4.5	4.7	4.8	4.5	4.7	4.8	225
230	6.8	6.5	6.4	6.5	6.3	6.3	5.6	5.5	5.6	4.3	4.5	4.7	4.3	4.5	4.7	230
235	6.7	6.4	6.4	6.3	6.2	6.3	5.4	5.4	5.5	4.1	4.3	4.6	4.1	4.3	4.6	235
240	6.4	6.4	6.4	6	6.1	6.3	5.3	5.3	5.4	3.9	4.2	4.4	3.8	4.1	4.4	240
245	6	6.3	6.4	5.8	6	6.2	5.1	5.2	5.3	3.8	4	4.3	3.6	4	4.3	245
250	5.6	6.1	6.4	5.5	5.8	6.1	4.9	5	5.2	3.6	3.9	4.1	3.3	3.8	4.1	250
255	5.4	5.8	6	5.1	5.6	5.8	4.7	4.9	5.1	3.5	3.7	3.9	3	3.6	3.9	255
260	5.2	5.4	5.5	4.6	5.4	5.5	4.5	4.8	4.9	3.3	3.6	3.8	2.8	3.3	3.7	260
265	5.1	5.2		4.4	5	5.2	4.2	4.6	4.8	3.1	3.4	3.6		3.1	3.3	265
270	4.9	5		4.2	4.4	4.6	3.9	4.5	4.6		3.2	3.4		2.8	3	270
275	3.7	4.8		4.1	4.2	4.4	3.4	4.2	4.4		3	3.2		2.5	2.7	275
280		3.6		4	4.1		2.8	3.8	4		2.8	3			2.3	280
285				3.8	3.9			3.3	3.4			2.6				285
290				2.3	3.8			2.4	2.5							290

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# Lifting heights Hauteurs de levage

TNZK



# Lifting capacities Forces de levage

**TNZK**



Height (ft)	48 ft			144 ft			160 ft			176 ft			192 ft			Height (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
15	15.9															15
16	15.9															16
17	15.9															17
18	15.9															18
19	15.9															19
20	16															20
22	15.9															22
24	15.9															24
26	15.8															26
28	15.6															28
30	15.4															30
32	15.2			15.4												32
34	15			15.8												34
36	14.8			15.9			14.9									36
38	14.5			16			15.1									38
40	14.3			15.9			15.2			14.1						40
45	13.7			15.9			15.2			14.2			12.9			45
50	13.1	11.6		15.7			15			14.2			13			50
55	12.5	10.9		15.4			14.8			14			13			55
60	11.9	10.3		15.1			14.6			13.8			12.9			60
65	11.2	9.7		14.8	12		14.3			13.6			12.7			65
70	10.6	9.2	7.8	14.4	11.6		14	11.5		13.3			12.5			70
75	10.1	8.8	7.5	14.1	11.2		13.7	11.1		13.1	10.9		12.3			75
80	9.5	8.3	7.2	13.7	10.8		13.4	10.7		12.8	10.5		12.1	10.2		80
85	9	8	7	13.4	10.5		13.1	10.4		12.6	10.2		11.9	9.9		85
90	8.5	7.6	6.8	13	10.1	7.8	12.8	10.1	7.8	12.3	9.9		11.6	9.7		90
95	8.1	7.3	6.7	12.6	9.8	7.6	12.5	9.8	7.6	12.1	9.7	7.5	11.4	9.4		95
100	7.7	7	6.5	12.3	9.5	7.5	12.2	9.5	7.4	11.8	9.4	7.4	11.2	9.2	7.2	100
105	7.3	6.8	6.4	11.9	9.2	7.3	11.9	9.3	7.3	11.5	9.1	7.2	11	8.9	7.1	105
110	7	6.6	6.3	11.5	9	7.2	11.5	9	7.2	11.3	8.9	7.1	10.8	8.7	7	110
115	6.7	6.5	6.3	11.2	8.7	7.1	11.2	8.8	7.1	11	8.7	7	10.6	8.5	6.9	115
120	6.5	6.4	6.3	10.8	8.5	7	10.9	8.5	6.9	10.7	8.5	6.9	10.4	8.3	6.8	120
125	6.2	6.3	6.3	10.5	8.2	6.9	10.6	8.3	6.8	10.4	8.3	6.8	10.1	8.1	6.7	125
130	6	6.3		10.1	8	6.8	10.3	8.1	6.7	10.2	8.1	6.7	9.9	8	6.6	130
135				9.8	7.8	6.7	9.9	7.9	6.7	9.9	7.9	6.6	9.7	7.8	6.6	135
140				9.4	7.6	6.6	9.7	7.7	6.6	9.7	7.7	6.6	9.4	7.6	6.5	140
145				9.1	7.4	6.5	9.3	7.5	6.5	9.4	7.5	6.5	9.2	7.5	6.4	145
150				8.8	7.3	6.5	9.1	7.4	6.4	9.1	7.4	6.4	9	7.3	6.4	150
155				8.5	7.2	6.4	8.8	7.2	6.4	8.9	7.3	6.4	8.8	7.2	6.3	155
160				8.3	7	6.4	8.6	7.1	6.3	8.6	7.1	6.3	8.6	7	6.3	160
165				8	6.9	6.3	8.3	7	6.3	8.4	7	6.2	8.4	6.9	6.2	165
170				7.8	6.8	6.3	8.1	6.9	6.3	8.2	6.9	6.2	8.2	6.8	6.1	170
175				7.6	6.7	6.3	7.8	6.7	6.2	8	6.8	6.2	7.9	6.7	6.1	175
180				7.4	6.6	6.3	7.6	6.7	6.2	7.8	6.7	6.1	7.8	6.6	6.1	180
185				7.2	6.5	6.3	7.5	6.6	6.2	7.6	6.6	6.1	7.6	6.6	6.1	185
190				7	6.4	6.3	7.3	6.5	6.2	7.4	6.5	6.1	7.4	6.5	6	190
195				6.8	6.4	6.3	7.1	6.4	6.2	7.2	6.4	6.1	7.3	6.4	6	195
200				6.7	6.3	6.3	7	6.4	6.2	7.1	6.4	6.1	7.1	6.4	6	200
205				6.5	6.3	6.3	6.8	6.3	6.2	7	6.3	6.1	7	6.3	6	205
210				6.4	6.3	5.4	6.7	6.3	6.2	6.8	6.3	6.1	6.9	6.2	6	210
215				6.2	6.3		6.6	6.2	6.2	6.7	6.2	6.1	6.8	6.2	6	215
220				6.1	6.3		6.4	6.2	6.2	6.6	6.2	6.1	6.7	6.1	6	220
225				5.7	6.3		6.3	6.2	5.1	6.5	6.2	6.1	6.6	6.1	6	225
230							6.2	6.2		6.4	6.2	6.1	6.5	6.1	6	230
235							6.1	6.2		6.3	6.2	6	6.4	6.1	6	235
240							4.1	6.2		6.2	6.2		6.3	6.1	6	240
245										6.1	6.2		6.2	6.1	6	245
250										5.4	6.2		6.1	6.1	5.7	250
255										2.6	4.9		6	6		255
260													5.9	6		260
265													4.1	6		265
270													3.8	3.9		270

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# Lifting capacities Forces de levage

**TNZK**



↙ ↘	208 ft			224 ft			240 ft			253 ft			256 ft			↙ ↘
	92 ft			92 ft			92 ft			92 ft			92 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	11.5															50
55	11.5			9.9												55
60	11.5			10.1			8.2									60
65	11.5			10.2			8.5			6.9						65
70	11.4			10.1			8.7			7.2			6.9			70
75	11.2			10			8.7			7.4			7.2			75
80	11.1			9.9			8.6			7.5			7.3			80
85	10.9	9.4		9.8			8.5			7.5			7.4			85
90	10.7	9.2		9.7	8.5		8.4			7.5			7.3			90
95	10.6	9		9.6	8.4		8.4			7.4			7.3			95
100	10.4	8.8		9.4	8.2		8.3	7.5		7.4			7.3			100
105	10.3	8.6		9.3	8.1		8.2	7.4		7.3	6.9		7.2	6.8		105
110	10.1	8.4	6.9	9.2	7.9		8.1	7.3		7.3	6.8		7.2	6.8		110
115	9.9	8.2	6.8	9.1	7.7	6.6	8	7.2		7.2	6.8		7.1	6.7		115
120	9.7	8	6.7	8.9	7.6	6.5	7.9	7.1	6.2	7.2	6.7		7	6.6		120
125	9.6	7.9	6.6	8.8	7.5	6.4	7.8	7	6.2	7.1	6.6		7	6.5		125
130	9.4	7.7	6.5	8.7	7.3	6.3	7.7	6.9	6.1	7	6.5	5.9	6.9	6.5	5.8	130
135	9.2	7.6	6.4	8.6	7.2	6.3	7.7	6.8	6.1	7	6.4	5.9	6.9	6.4	5.8	135
140	9	7.4	6.4	8.4	7.1	6.2	7.6	6.7	6	6.9	6.4	5.8	6.8	6.3	5.8	140
145	8.8	7.3	6.3	8.3	7	6.2	7.5	6.6	6	6.8	6.3	5.8	6.7	6.2	5.8	145
150	8.7	7.1	6.3	8.1	6.9	6.1	7.4	6.6	5.9	6.7	6.2	5.7	6.6	6.2	5.7	150
155	8.5	7	6.2	8	6.8	6.1	7.3	6.5	5.9	6.6	6.2	5.7	6.5	6.1	5.7	155
160	8.3	6.9	6.2	7.9	6.7	6	7.2	6.4	5.9	6.5	6.1	5.7	6.4	6.1	5.7	160
165	8.1	6.8	6.1	7.7	6.6	6	7.1	6.3	5.8	6.4	6	5.7	6.4	6	5.6	165
170	7.9	6.7	6.1	7.6	6.5	5.9	7	6.3	5.8	6.3	5.9	5.6	6.2	5.9	5.6	170
175	7.8	6.7	6	7.4	6.4	5.9	6.9	6.2	5.8	6.2	5.8	5.6	6.1	5.8	5.6	175
180	7.6	6.6	6	7.3	6.4	5.9	6.8	6.1	5.7	6	5.7	5.6	6	5.7	5.6	180
185	7.4	6.5	6	7.2	6.3	5.9	6.7	6.1	5.7	5.8	5.6	5.5	5.8	5.6	5.5	185
190	7.3	6.4	5.9	7.1	6.2	5.8	6.6	6	5.7	5.7	5.5	5.4	5.6	5.5	5.4	190
195	7.1	6.3	5.9	7	6.2	5.8	6.5	6	5.7	5.5	5.4	5.3	5.5	5.4	5.3	195
200	7	6.3	5.9	6.8	6.1	5.8	6.3	5.9	5.7	5.3	5.3	5.3	5.3	5.3	5.2	200
205	6.9	6.2	5.9	6.7	6.1	5.8	6.2	5.8	5.7	5.1	5.2	5.2	5.1	5.1	5.2	205
210	6.8	6.2	5.9	6.6	6	5.8	6.1	5.7	5.7	5	5	5.1	4.9	5	5.1	210
215	6.7	6.1	5.9	6.5	6	5.8	5.9	5.6	5.6	4.8	4.9	5	4.8	4.9	5	215
220	6.6	6	5.9	6.5	5.9	5.8	5.8	5.5	5.6	4.6	4.8	4.9	4.6	4.7	4.9	220
225	6.5	6	5.9	6.4	5.9	5.8	5.7	5.5	5.5	4.5	4.6	4.8	4.4	4.6	4.8	225
230	6.4	6	5.9	6.3	5.9	5.8	5.5	5.4	5.4	4.3	4.5	4.7	4.3	4.5	4.7	230
235	6.4	6	5.9	6.2	5.8	5.8	5.4	5.3	5.4	4.1	4.3	4.6	4.1	4.3	4.6	235
240	6.3	5.9	5.9	6	5.8	5.8	5.2	5.2	5.3	4	4.2	4.5	3.9	4.1	4.4	240
245	6.1	5.9	5.9	5.8	5.7	5.8	5.1	5.1	5.2	3.8	4	4.3	3.7	4	4.3	245
250	5.8	5.9	5.9	5.6	5.7	5.8	4.9	5	5.1	3.7	3.9	4.1	3.4	3.8	4.1	250
255	5.4	5.8	5.9	5.3	5.6	5.8	4.7	4.9	5	3.5	3.7	4	3.2	3.6	4	255
260	5.3	5.6	5.8	4.9	5.5	5.7	4.5	4.7	4.9	3.3	3.6	3.8	2.9	3.4	3.8	260
265	5.1	5.2	5.3	4.4	5.2	5.4	4.3	4.6	4.8	3.2	3.4	3.6	2.6	3.2	3.5	265
270	4.9	5.1		4.2	4.8	5	4.1	4.5	4.6	3	3.3	3.5	2.4	3	3.2	270
275	4.7	4.9		4.1	4.2	4.4	3.7	4.3	4.4	2.7	3.1	3.3		2.7	2.9	275
280	3.6	4.7		3.9	4.1	4.2	3.2	4.1	4.2		2.9	3.1		2.4	2.5	280
285		3.5		3.8	4		2.8	3.7	3.8		2.8	3			2.2	285
290				3.6	3.8		2.1	3.1	3.3			2.7				290
295					3.6			2.6	2.7							295

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# Lifting capacities Forces de levage

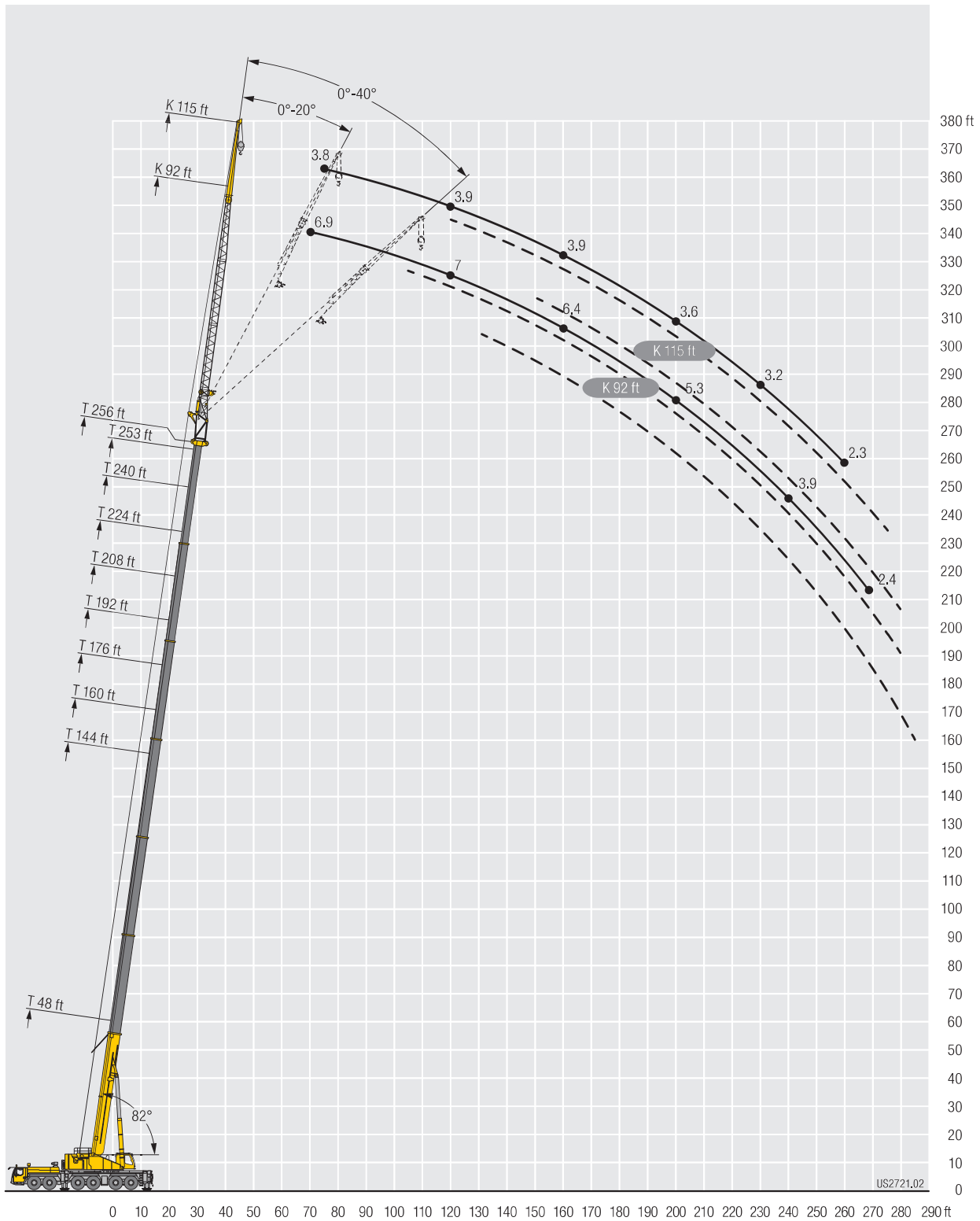
**TNZK**



↙	208 ft			224 ft			240 ft			253 ft			256 ft			↘
	115 ft			115 ft			115 ft			115 ft			115 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
55	6.7															55
60	7.1			5.6												60
65	7.5			5.9			4.6									65
70	7.6			6.3			4.8									70
75	7.7			6.5			5.1			4			3.8			75
80	7.6			6.6			5.3			4			3.8			80
85	7.5			6.6			5.4			4.1			3.8			85
90	7.3			6.6			5.5			4.2			3.8			90
95	7.2			6.6			5.6			4.3			3.8			95
100	7.1	5.9		6.5			5.6			4.3			3.9			100
105	7	5.8		6.4	5.4		5.6			4.3			3.9			105
110	6.8	5.6		6.3	5.3		5.6			4.3			3.9			110
115	6.7	5.5		6.2	5.2		5.5	4.7		4.3			3.9			115
120	6.6	5.4		6.1	5.1		5.5	4.7		4.4	4.2		3.9	4.1		120
125	6.5	5.3	4.1	6	5		5.4	4.7		4.4	4.2		3.9	4.1		125
130	6.3	5.1	4	5.9	4.9		5.3	4.6		4.4	4.2		3.9	4.1		130
135	6.2	5	4	5.8	4.8	3.8	5.3	4.5		4.4	4.2		3.9	4.1		135
140	6.1	4.9	4	5.6	4.7	3.8	5.2	4.4	3.6	4.4	4.1		3.9	4		140
145	5.9	4.8	3.9	5.5	4.6	3.8	5.1	4.4	3.6	4.3	4.1		3.9	4		145
150	5.8	4.7	3.9	5.4	4.5	3.8	5	4.3	3.6	4.3	4	3.4	3.9	4	3.3	150
155	5.7	4.6	3.9	5.3	4.4	3.7	4.9	4.2	3.6	4.2	4	3.4	3.9	4	3.3	155
160	5.5	4.5	3.8	5.2	4.4	3.7	4.8	4.1	3.5	4.2	3.9	3.4	3.9	3.9	3.3	160
165	5.4	4.4	3.8	5.1	4.3	3.7	4.8	4.1	3.5	4.2	3.9	3.3	3.9	3.9	3.3	165
170	5.3	4.4	3.8	5	4.2	3.6	4.7	4	3.5	4.1	3.8	3.3	3.8	3.8	3.3	170
175	5.2	4.3	3.7	4.9	4.2	3.6	4.6	4	3.5	4.1	3.8	3.3	3.8	3.8	3.3	175
180	5	4.2	3.7	4.8	4.1	3.6	4.5	3.9	3.5	4	3.7	3.3	3.7	3.7	3.3	180
185	4.9	4.1	3.6	4.7	4	3.6	4.5	3.8	3.4	4	3.7	3.3	3.7	3.7	3.3	185
190	4.8	4.1	3.6	4.7	3.9	3.5	4.4	3.8	3.4	3.9	3.6	3.3	3.7	3.6	3.3	190
195	4.7	4	3.6	4.6	3.9	3.5	4.3	3.7	3.4	3.9	3.6	3.3	3.6	3.6	3.3	195
200	4.6	4	3.5	4.5	3.9	3.5	4.2	3.7	3.4	3.8	3.5	3.3	3.6	3.5	3.3	200
205	4.5	3.9	3.5	4.4	3.8	3.5	4.2	3.6	3.4	3.7	3.5	3.3	3.6	3.5	3.2	205
210	4.4	3.8	3.5	4.3	3.8	3.4	4.1	3.6	3.4	3.7	3.5	3.3	3.5	3.4	3.2	210
215	4.4	3.8	3.5	4.3	3.7	3.4	4	3.6	3.3	3.6	3.4	3.2	3.5	3.4	3.2	215
220	4.3	3.7	3.5	4.2	3.7	3.4	4	3.5	3.3	3.5	3.4	3.2	3.5	3.4	3.2	220
225	4.2	3.7	3.5	4.1	3.6	3.4	3.9	3.5	3.3	3.4	3.3	3.2	3.3	3.4	3.2	225
230	4.1	3.7	3.5	4	3.6	3.4	3.9	3.5	3.3	3.2	3.3	3.2	3.2	3.3	3.2	230
235	4.1	3.6	3.5	4	3.5	3.4	3.8	3.4	3.3	3.1	3.2	3.2	3.1	3.2	3.2	235
240	4	3.6	3.5	3.9	3.5	3.4	3.8	3.4	3.3	2.9	3.1	3.2	2.9	3.1	3.2	240
245	3.9	3.6	3.5	3.9	3.5	3.4	3.7	3.4	3.3	2.8	3	3.2	2.8	3	3.2	245
250	3.9	3.5	3.5	3.8	3.4	3.4	3.6	3.4	3.3	2.6	2.9	3.1	2.6	2.9	3.1	250
255	3.8	3.5	3.5	3.7	3.4	3.4	3.5	3.3	3.3	2.5	2.8	3.1	2.5	2.8	3	255
260	3.8	3.5	3.5	3.7	3.4	3.4	3.5	3.3	3.3	2.3	2.7	3	2.3	2.6	3	260
265	3.7	3.5	3.5	3.6	3.4	3.4	3.4	3.3	3.3	2.2	2.5	2.8		2.5	2.8	265
270	3.7	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3		2.4	2.7		2.4	2.7	270
275	3.6	3.5	3.5	3.4	3.4	3.4	3.2	3.2	3.3		2.2	2.5		2.2	2.5	275
280	3.5	3.5	3.5	3.2	3.3	3.4	3	3.1	3.3			2.4			2.4	280
285	3.5	3.5		2.9	3.3	3.4		3.1	3.3			2.2				285
290	3.5	3.5		2.8	3.2	3.4		3	3.3							290
295	3.3	3.5		2.6	2.8	3.2		2.8	3.1							295
300	2.2	3.4		2.5	2.7				2.7							300
305		2.6			2.6											305
310					2.4											310

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# Lifting heights Hauteurs de levage









# Lifting capacities Forces de levage

TF



Lifting hook icon	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*			Lifting hook icon	
	69 ft			69 ft			69 ft			69 ft			69 ft			69 ft			69 ft			69 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
16	38.6																								16	
17	38.6																									17
18	38.3																									18
19	37.8																									19
20	37.3																									20
22	36.1																									22
24	34.8																									24
26	33.6																									26
28	32.4																									28
30	31.3																									30
32	30.3																									32
34	29.3																									34
36	28.3																									36
38	27.3																									38
40	26.4	23.8																								40
45	24.2	22.8																								45
50	22.2	21.4																								50
55	20.5	19.9																								55
60	18.9	18.5	17																							60
65	17.6	17.3	16.1																							65
70	16.3	16.1	15.3																							70
75	15.3	15.2	14.6																							75
80	14.3	14.3	13.9																							80
85	13.4	13.5	13.3																							85
90	12.7	12.7	12.6																							90
95	12	12.1	12.1																							95
100	11.4	11.5	11.6																							100
105	10.8	11	11.2																							105
110	10.4	10.6	10.4																							110
115	10.1	10.5																								115
120																										120
125																										125
130																										130
135																										135
140																										140
145																										145
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265																										265
270																										270
275																										275
280																										280

\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TF



Reach	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*			Reach			
	80 ft	80 ft		80 ft		80 ft		80 ft		80 ft		80 ft		80 ft		80 ft		80 ft		80 ft		80 ft						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
18	31.8																								18			
19	31.8																									19		
20	31.5																									20		
22	30.7																									22		
24	29.8																									24		
26	29																									26		
28	28.2																									28		
30	27.4																									30		
32	26.6																									32		
34	25.9																									34		
36	25.1																									36		
38	24.4																									38		
40	23.6				31.3																					40		
45	21.9				30.9				27				26.1													45		
50	20.3	18.2			29.6				28.4				25.6													50		
55	18.8	17.2			28.4				27.3				22.2													55		
60	17.5	16.3			27.2				26.4				22													60		
65	16.2	15.5			26.1				25.8				21.7					18.5								65		
70	15.1	14.7	13.1		25				24.9				21.3					18.3				15				70		
75	14	13.9	12.6		23.9	18.2			24	17.9			20.9					18.1				14.7			11.4	75		
80	13.1	13	12.1		22.9	17.6			23.1	17.5			20.5					17.8				14.4			11.2	80		
85	12.3	12.3	11.7		21	16.6			22.2	17			19.9					17.5				14.2			11	85		
90	11.5	11.6	11.2		21.4	16.5			21.4	16.5			19.4	15.6				17.2				14			10.9	90		
95	10.9	11	10.8		20.6	16.1	13.1		20.2	15.8			18.9	15.3				16.8	14.2			13.9			10.7	95		
100	10.3	10.4	10.3		19.8	15.7	12.8		19.5	15.4			18.3	14.9				16.5	13.9			13.7	10.4		10.6	100		
105	9.7	9.9	9.9		18.4	15.2	12.5		18.9	15.3	12.5		17.8	14.6				16.1	13.6			13.5	12.4		10.5	105		
110	9.2	9.4	9.5		17.6	14.8	12.3		18.2	14.8	12.3		17.2	14.2	12.1			15.7	13.3			13.3	12.2		10.3	9.4	110	
115	8.8	9	9.2		16.8	14.3	12		17.5	14.4	12.1		16.7	13.8	11.8			15.4	13	11.5		13.1	11.9		10.1	9.1	115	
120	8.4	8.6	9.1		16.1	13.9	11.8		16.8	14	11.8		16.2	13.5	11.6			15	12.8	11.2		12.9	11.7		9.8	8.8	120	
125	8.2	8.4			15.4	13.4	11.6		16.1	13.5	11.6		15.7	13.1	11.4			14.6	12.5	11	10.5	12.7	11.5	10.5	9.5	8.6	125	
130					14.8	12.9	11.4		15.5	13.1	11.4		15.1	12.8	11.2			14.2	12.2	10.9		12.3	11.3	10.4	9.2	8.3	7.9	130
135					14.2	12.5	11.2		15	12.7	11.2		15.1	12.7	11.1			14.7	12.4	11		12	11	10.2	8.9	8.1	7.7	135
140					13.6	12.2	10.9		14.4	12.3	11		14.6	12.3	10.9			14.2	12.1	10.8		11.6	10.8	10	8.6	7.8	7.5	140
145					13.1	11.8	10.7		13.9	12	10.8		14.1	12	10.8			13.8	11.8	10.6		11.2	10.6	9.8	8.4	7.6	7.3	145
150					12.6	11.4	10.5		13.4	11.7	10.6		13.7	11.7	10.6			13.4	11.5	10.4		10.8	10.3	9.7	8.1	7.4	7.1	150
155					12.2	11.1	10.3		12.9	11.3	10.4		13.2	11.4	10.4			13	11.2	10.2		10.5	10	9.5	7.8	7.2	7	155
160					11.7	10.8	10.1		12.5	11	10.2		12.8	11.1	10.2			12.6	10.9	10.1		10.1	9.8	9.4	7.6	7	6.8	160
165					11.3	10.5	9.9		12.1	10.7	10		12.4	10.8	10			12.3	10.7	9.9		9.8	9.5	9.2	7.4	6.9	6.7	165
170					10.9	10.2	9.7		11.7	10.4	9.8		12	10.5	9.8			11.9	10.4	9.7		9.4	9.2	9.1	7.2	6.7	6.5	170
175					10.6	9.9	9.5		11.4	10.1	9.6		11.6	10.3	9.6			11.6	10.2	9.6		9.1	9	8.9	7	6.5	6.4	175
180					10.2	9.7	9.4		11	9.9	9.5		11.3	10	9.5			11.3	10	9.4		8.7	8.7	8.7	6.8	6.4	6.3	180
185					9.9	9.4	9.2		10.7	9.7	9.3		11	9.8	9.4			11	9.7	9.3		8.4	8.4	8.5	6.6	6.2	6.1	185
190					9.6	9.2	9.1		10.4	9.5	9.2		10.7	9.6	9.2			10.7	9.5	9.2		10	9.4	9	6.5	6.1	6	190
195					9.3	9	9.1		10.1	9.3	9.1		10.4	9.4	9.1			10.4	9.4	9.1		9.6	9.2	8.9	8.2	8.2	8.3	195
200					9	8.8	9.1		9.8	9.1	9		10.1	9.2	9			10.2	9.2	9		9.3	9	8.8	7.6	7.7	7.8	200
205					8.8	8.7	9.1		9.5	8.9	9		9.9	9	8.9			9.9	9	8.9		8.9	8.8	8.7	7.4	7.4	7.6	205
210					8.6	8.5			9.3	8.7	9		9.6	8.9	8.9			9.6	8.9	8.8		8.6	8.5	8.6	7.1	7.1	7.3	210
215					8.4	8.5			9	8.6	9		9.4	8.7	8.8			9.2	8.7	8.7		8.2	8.3	8.5	6.8	6.9	7.1	215
220					8.2	8.4			8.8	8.5	9		9.1	8.6	8.8			8.9	8.6	8.7		7.9	8.1	8.3	6.6	6.7	6.9	220
225					5.8	7.9			8.6	8.4			8.8	8.5	8.8			8.4	8.4	8.7		7.5	7.8	8.1	6.4	6.5	6.7	225
230									8.4	8.4			8.6	8.4	8.8			7.7	8.2	8.6		7.2	7.5	7.8	6.2	6.3	6.5	230
235									7.4	8.4			8.3	8.2				7.1	7.9	8.3		6.9	7.2	7.6	6	6.1	6.3	235
240									7.9	8.2			7.9	8.2				6.7	7.4	7.7		6.5	7	7.2	5.8	5.9	6.2	240
245									4.1	5.9			7.3	7.8				6.5	6.8	7		6	6.6	6.9	5.5	5.8	6	245
250													5.5	7.2				6.2	6.4			5.4	6.3	6.5	5.2	5.6	5.8	250
255													2.4	4.4				6	6.2			5.1	5.8	6	4.9	5.4	5.6	255
260																		5.7	5.9			4.9	5.2	5.4	4.4	5.1	5.3	260
265																		5.7	5.9			4.7	4.9		4	4.8	4.9	265
270																		5.7	5.9			4.6	4.7		3.8	4.3	4.5	270
275																		4.3	4.5			4.3	4.3		3.7	3.8	4	275
280																		3.1	4.3			4.3	4.3		3.5	3.6		280
285																						2.9			3.3	3.5		285
290																									3.1	3.3		290

\* adapter - pièce d'adaptateur

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# Lifting capacities

## Forces de levage

TF



	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*							
	92 ft			92 ft			92 ft			92 ft			92 ft			92 ft			92 ft			92 ft							
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°					
19	26.8																								19				
20	27																									20			
22	26.8																									22			
24	26.2																									24			
26	25.6																									26			
28	24.9																									28			
30	24.3																									30			
32	23.6																									32			
34	23																									34			
36	22.4																									36			
38	21.8																									38			
40	21.2				26.6																					40			
45	19.7				25.7			24.7																		45			
50	18.5				24.8			23.8			22.4															50			
55	17.3	14.8			23.8			22.9			21.7			19.3												55			
60	16.2	14			22.8			22.1			21			19.1			16.3									60			
65	15.3	13.3			21.9			21.4			20.4			18.7			16.1			13.1						65			
70	14.4	12.7			21			20.6			19.7			18.2			15.9			12.9			9.8			70			
75	13.5	12.1			20.1	14.7		19.9			19.1			17.7			15.6			12.7			9.7			75			
80	12.7	11.5	9.9		19.3	14.3		19.1	14.1		18.4			17.2			15.3			12.5			9.5			80			
85	11.8	11	9.5		18.6	13.8		18.4	13.7		17.8	13.5				16.7			15.1			12.4		9.4		85			
90	11.1	10.5	9.2		17.9	13.4		17.8	13.4		17.3	13.1				16.3	12.7		14.7			12.2		9.3		90			
95	10.5	10	8.9		17.1	13		17.1	13		16.7	12.8				15.8	12.4		14.4	11.7		12		9.2		95			
100	9.8	9.5	8.6		16.5	12.7	9.9		16.5	12.6	9.9	16.2	12.4			15.4	12.1		14.1	11.5		11.9		9.1		100			
105	9.3	9.1	8.4		15.9	12.3	9.7		15.9	12.3	9.7	15.7	12.1			14.9	11.8		13.8	11.3		11.8	10.5	9		105			
110	8.8	8.6	8.2		15.3	12	9.5		15.4	12	9.5	15.2	11.9	9.5			14.5	11.6		13.4	11.1		11.6	10.2	8.9	8.1	110		
115	8.3	8.2	8		14.8	11.7	9.3		14.9	11.7	9.3	14.7	11.6	9.3			14.2	11.3	9.2	13.1	10.8		11.4	10.1	8.7	7.9	115		
120	7.9	7.8	7.9		14.3	11.4	9.1		14.4	11.4	9.2	14.3	11.3	9.1			13.8	11.1	9	12.8	10.6	8.9	11.2	9.9	8.4	7.7	120		
125	7.5	7.5	7.6		13.7	11.1	9		13.9	11.1	9	13.8	11.1	9			13.4	10.8	8.9	12.5	10.5	8.7	11.1	9.7	8.2	7.5	125		
130	7.2	7.2	7.5		13.2	10.8	8.8		13.4	10.9	8.9	13.4	10.8	8.9			13	10.6	8.8	12.2	10.2	8.6	10.8	9.5	8.4	7.9	7.3	130	
135	7	7.1			12.7	10.5	8.7		13	10.6	8.7	12.9	10.6	8.7			12.6	10.4	8.6	11.9	10	8.5	10.5	9.3	8.3	7.7	7.1	6.8	135
140					12.2	10.2	8.5		12.5	10.4	8.6	12.5	10.4	8.6			12.2	10.2	8.5	11.6	9.8	8.4	10.3	9.2	8.2	7.5	6.9	6.6	140
145					11.7	10	8.4		12.1	10.1	8.5	12.1	10.1	8.5			11.9	10	8.4	11.3	9.6	8.3	10	9	8.1	7.3	6.7	6.5	145
150					11.3	9.7	8.3		11.7	9.9	8.4	11.7	9.9	8.4			11.5	9.8	8.3	11	9.4	8.2	9.7	8.8	8	7.1	6.5	6.3	150
155					10.9	9.4	8.2		11.2	9.6	8.3	11.4	9.7	8.3			11.1	9.6	8.2	10.7	9.2	8.2	9.4	8.7	8	6.9	6.4	6.1	155
160					10.5	9.2	8.2		10.9	9.3	8.2	11	9.4	8.2			10.8	9.3	8.1	10.4	9	8.1	9.1	8.5	7.9	6.7	6.2	6	160
165					10.1	8.9	8.1		10.5	9.1	8.1	10.7	9.2	8.1			10.5	9.1	8.1	10.1	8.8	8	8.8	8.3	7.8	6.5	6.1	5.9	165
170					9.7	8.7	8		10.2	8.9	8	10.3	9	8			10.3	8.9	8	9.9	8.6	7.9	8.5	8.1	7.7	6.4	5.9	5.7	170
175					9.4	8.4	8		9.8	8.6	8	10	8.7	8			10	8.7	8	9.6	8.4	7.8	8.2	7.9	7.6	6.2	5.8	5.6	175
180					9.1	8.2	7.9		9.5	8.4	7.9	9.7	8.5	7.9			9.7	8.5	7.9	9.4	8.2	7.8	7.9	7.7	7.5	6	5.6	5.5	180
185					8.8	8	7.8		9.2	8.2	7.8	9.4	8.3	7.9			9.4	8.3	7.8	9.1	8.1	7.7	7.6	7.5	7.4	5.9	5.5	5.4	185
190					8.5	7.8	7.7		8.9	8	7.7	9.2	8.1	7.7			9.1	8.1	7.7	8.9	7.9	7.6	7.3	7.4	7.3	5.7	5.4	5.2	190
195					8.3	7.6	7.6		8.7	7.8	7.6	8.9	8	7.6			8.9	7.9	7.6	8.6	7.8	7.5	7.1	7.2	7.2	5.6	5.3	5.1	195
200					8	7.5	7.5		8.4	7.7	7.6	8.6	7.8	7.6			8.7	7.8	7.5	8.4	7.6	7.4	6.9	7	7	5.4	5.1	5	200
205					7.8	7.3	7.5		8.2	7.5	7.5	8.4	7.6	7.5			8.5	7.6	7.4	8.1	7.5	7.3	6.7	6.8	6.9	5.3	5	4.9	205
210					7.5	7.2	7.5		7.9	7.4	7.5	8.2	7.5	7.4			8.3	7.5	7.3	7.8	7.4	7.3	6.5	6.6	6.7	5.2	4.9	4.9	210
215					7.4	7.1			7.7	7.3	7.4	8	7.3	7.4			8	7.4	7.3	7.6	7.3	7.2	6.3	6.4	6.5	5	4.8	4.8	215
220					7.2	7.1			7.5	7.2	7.4	7.8	7.2	7.4			7.8	7.3	7.3	7.3	7.2	7.2	6.1	6.2	6.3	4.9	4.7	4.7	220
225					7	7.1			7.3	7.1	7.4	7.6	7.1	7.3			7.6	7.2	7.2	7	7	7.1	5.9	6	6.2	4.8	4.6	4.6	225
230					6.3	7.1			7.2	7		7.4	7	7.3			7.3	7.1	7.2	6.7	6.9	7	5.7	5.8	6	4.7	4.5	4.5	230
235					7	7			7	7		7.2	7	7.3			6.9	7	7.2	6.4	6.7	7	5.5	5.6	5.8	4.5	4.4	4.4	235
240					6.8	7			6.8	7		7.1	6.9	7.3			6.4	6.9	7.2	6.1	6.5	6.8	5.3	5.4	5.6	4.4	4.3	4.4	240
245					4.3	6.5			6.9	6.9		6.7	6.9				6	6.7	7.1	5.7	6.3	6.5	5.1	5.2	5.5	4.2	4.2	4.3	245
250									6.7	6.9		5.8	6.3				5.8	6.3	6.5	5.2	6	6.3	4.8	5.1	5.3	4	4.1	4.2	250
255									5.3	6.7		5.6	5.8				5.6	5.8	5.4	4.7	5.7	5.9	4.5	4.9	5.1	3.9	4	4.2	255
260										4.9		5.4	5.6				5.4	5.6	4.5	4.5	5.2	5.5	4.2	4.7	4.9	3.7	3.9	4.1	260
265																	5.1	5.3	4.3	4.6	4.9		3.7	4.5	4.7	3.5	3.7	4	265
270																	3.7	5.1	4.1	4.3			3.3	4.2	4.4	3.2	3.6	3.9	270
275																	2.8	3.4		3.9	4.1		3.2	3.7	3.9		3.5	3.7	275
280																			3.7	3.9			3	3.2	3.4		3.3	3.4	280
285																			2.5	3.7			2.9	3			2.7	3.1	285
290																					2.4		2.7	2.9				2.1	290
295																							2.1	2.7					295
300																								2.2					300

\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TF



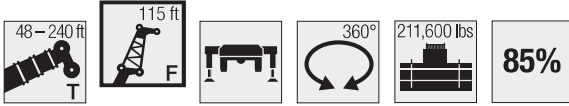
	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*								
	103 ft			103 ft			103 ft			103 ft			103 ft			103 ft			103 ft											
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°						
22	23.1																							22						
24	22.9																								24					
26	22.4																								26					
28	21.8																								28					
30	21.2																								30					
32	20.7																								32					
34	20.1																								34					
36	19.6																								36					
38	19.1																								38					
40	18.6																								40					
45	17.4				22.3			21.1																	45					
50	16.3				21.3			20.5			19.2														50					
55	15.3				20.5			19.7			18.6														55					
60	14.3	12.2			19.7			19			18			16.7											60					
65	13.3	11.5			18.9			18.4			17.5			16.3			14.1								65					
70	12.6	10.9			18.2			17.7			16.9			15.8			13.9			11.2					70					
75	11.9	10.3			17.4			17.1			16.4			15.3			13.6			11			8.3		75					
80	11.2	9.8			16.7	12.1		16.5			15.9			14.9			13.4			10.8			8.1		80					
85	10.6	9.3			16	11.6		15.9	11.6		15.4			14.4			13.1			10.6			8		85					
90	10	8.8	7.6		15.4	11.3		15.3	11.2		14.9	11		14			12.8			10.5			7.9		90					
95	9.5	8.4	7.3		14.8	10.9		14.7	10.9		14.3	10.7		13.6	10.3				12.4			7.7			95					
100	8.9	8	7.1		14.2	10.6		14.2	10.5		13.9	10.4		13.2	10.1				12.1			7.6			100					
105	8.3	7.7	6.8		13.6	10.3		13.7	10.2		13.4	10.1		12.8	9.8				11.8	9.4		7.5			105					
110	7.9	7.3	6.6		13.1	10	7.6		13.2	10	7.6	13	9.8		12.4	9.6			11.5	9.2		10	8.5		7.5	110				
115	7.5	7.1	6.5		12.6	9.7	7.4		12.7	9.7	7.4	12.6	9.6	7.4		12.1	9.3		11.2	8.9		9.8	8.4		7.4	115				
120	7.1	6.9	6.4		12.1	9.4	7.3		12.3	9.4	7.3	12.1	9.3	7.3		11.7	9.1	7.2	11	8.7		9.7	8.2		7.3	6.8	120			
125	6.8	6.7	6.3		11.7	9.1	7.2		11.9	9.2	7.2	11.8	9.1	7.1		11.4	8.9	7.1	10.7	8.5		9.5	8		7.1	6.7	125			
130	6.5	6.5	6.2		11.3	8.8	7		11.5	8.9	7	11.4	8.9	7		11.1	8.7	7	10.5	8.4	6.9	9.3	7.9		7	6.5	130			
135	6.2	6.2	6.2		10.9	8.5	6.9		11.1	8.7	6.9	11.1	8.7	6.9		10.8	8.5	6.9	10.2	8.2	6.8	9.1	7.7		6.9	6.3	135			
140	6	6	6.2		10.6	8.3	6.8		10.7	8.4	6.9	10.7	8.4	6.8		10.5	8.3	6.8	10	8	6.7	8.9	7.6	6.5	6.7	6.1		140		
145	5.8	5.9			10.2	8.1	6.7		10.4	8.2	6.7	10.4	8.2	6.7		10.2	8.1	6.7	9.7	7.9	6.6	8.7	7.5	6.4	6.5	6	5.7	145		
150	5.7				9.8	7.9	6.6		10.1	8	6.7	10.1	8	6.7		9.9	8	6.6	9.5	7.8	6.5	8.5	7.4	6.4	6.3	5.8	5.6	150		
155					9.5	7.7	6.5		9.8	7.8	6.6	9.8	7.8	6.6		9.7	7.8	6.5	9.2	7.6	6.5	8.4	7.3	6.3	6.2	5.6	5.4	155		
160					9.1	7.5	6.5		9.5	7.6	6.5	9.5	7.7	6.5		9.4	7.6	6.5	9	7.5	6.4	8.2	7.1	6.3	6	5.5	5.3	160		
165					8.8	7.3	6.4		9.2	7.5	6.4	9.3	7.5	6.4		9.2	7.5	6.4	8.8	7.3	6.3	7.9	7	6.2	5.8	5.3	5.2	165		
170					8.5	7.2	6.3		8.9	7.3	6.4	9	7.3	6.4		8.9	7.3	6.3	8.6	7.2	6.3	7.7	6.9	6.2	5.6	5.2	5	170		
175					8.1	7	6.3		8.6	7.2	6.3	8.7	7.2	6.3		8.7	7.2	6.3	8.3	7.1	6.2	7.5	6.8	6.1	5.5	5.1	4.9	175		
180					7.9	6.9	6.3		8.3	7	6.3	8.4	7.1	6.3		8.4	7.1	6.2	8.1	7	6.2	7.2	6.7	6.1	5.3	4.9	4.8	180		
185					7.6	6.8	6.2		8	6.9	6.2	8.2	7	6.2		8.2	7	6.2	7.9	6.9	6.1	7	6.6	6.1	5.2	4.8	4.7	185		
190					7.4	6.7	6.2		7.7	6.8	6.2	7.9	6.9	6.2		7.9	6.9	6.2	7.7	6.8	6.1	6.7	6.5	6	5.1	4.7	4.6	190		
195					7.1	6.6	6.2		7.5	6.7	6.2	7.7	6.8	6.2		7.7	6.8	6.1	7.5	6.7	6.1	6.5	6.4	6	4.9	4.6	4.5	195		
200					6.9	6.5	6.2		7.3	6.6	6.2	7.5	6.7	6.2		7.5	6.7	6.1	7.4	6.6	6	6.3	6.3	6	4.8	4.5	4.4	200		
205					6.7	6.4	6.2		7.1	6.5	6.2	7.3	6.5	6.1		7.3	6.6	6.1	7.2	6.5	6	6.1	6.2	6	4.6	4.3	4.3	205		
210					6.6	6.2	6.2		6.9	6.4	6.2	7.1	6.4	6.1		7.1	6.4	6.1	7	6.4	6	5.9	6	6	4.5	4.2	4.2	210		
215					6.4	6.1	6.2		6.7	6.2	6.2	6.9	6.3	6.1		6.9	6.3	6.1	6.8	6.2	6	5.7	5.8	5.9	4.4	4.1	4.1	215		
220					6.2	6	6.2		6.6	6.1	6.2	6.8	6.2	6.1		6.8	6.2	6.1	6.6	6.2	6	5.6	5.7	5.8	4.2	4	4	220		
225					6.1	5.9	6.2		6.4	6.1	6.2	6.6	6.1	6.1		6.6	6.1	6.1	6.4	6.1	6	5.4	5.5	5.7	4.1	3.9	3.9	225		
230					6	5.9			6.3	6	6.2	6.4	6	6.1		6.5	6	6	6.2	6	6	5.2	5.3	5.5	4	3.8	3.8	230		
235					5.8	5.8			6.1	5.9	6.2	6.3	5.9	6.1		6.4	6	6	6	5.9	5.9	5	5.1	5.4	3.9	3.7	3.7	235		
240					5.7	5.8			6	5.8		6.2	5.9	6.1		6.2	5.9	6	5.8	5.8	5.9	4.8	5	5.2	3.7	3.6	3.7	240		
245									5.9	5.8		6.1	5.8	6.1		6	5.8	6	5.5	5.6	5.9	4.6	4.8	5	3.6	3.5	3.6	245		
250									5.8	5.8		5.9	5.7	6.1		5.5	5.7	6	5.2	5.5	5.8	4.4	4.6	4.9	3.4	3.5	3.5	250		
255									4.2	5.8		5.8	5.7			5.2	5.7	6	4.7	5.4	5.7	4.2	4.4	4.7	3.3	3.4	3.5	255		
260									5.7	5.7		5.7	5.7			5	5.6	5.8	4.2	5.2	5.5	3.9	4.3	4.5	3.1	3.3	3.4	260		
265									4.8	5.7		4.8	5	5.2		4.8	5	5.2	3.8	4.8	5.2	3.6	4.1	4.4	3	3.2	3.3	265		
270									2.3	5		4.6	4.8			4.6	4.8		3.7	4.4	4.7	3.3	3.9	4.1	2.8	3.1	3.3	270		
275																4.3	4.6		3.5	3.8		4.1				2.9	3.2	275		
280																3.1	4.4		3.3	3.5						2.8	3	280		
285																	3.4		3.1	3.3						2.5	2.9	285		
290																			2.8	3.1							2.4	2.7	290	
295																				2.9							2.3		295	
300																												2.1		300

\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TF



↙ ↘	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*			↙ ↘	
	115 ft			115 ft			115 ft			115 ft			115 ft			115 ft			115 ft			115 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
24	19.6																							24		
26	19.5																								26	
28	19.2																								28	
30	18.7																								30	
32	18.2																								32	
34	17.7																								34	
36	17.2																								36	
38	16.8																								38	
40	16.4																								40	
45	15.4				19.3																				45	
50	14.5				18.6			17.8																	50	
55	13.5				17.8			17.1			16.2														55	
60	12.7				17.1			16.5			15.6			14.4											60	
65	11.9	10			16.4			15.9			15.1			14			12.4								65	
70	11.1	9.5			15.8			15.3			14.6			13.6			12.2								70	
75	10.5	9			15.2			14.8			14.2			13.3			11.9			9.6					75	
80	9.8	8.5			14.6			14.3			13.7			12.9			11.6			9.4			6.9		80	
85	9.3	8			13.9			13.7			13.3			12.5			11.3			9.3			6.9		85	
90	8.8	7.6			13.4	9.6		13.2	9.5		12.8			12.1			11			9.1			6.8		90	
95	8.3	7.2	6.2		12.8	9.2		12.8	9.2		12.4	9		11.7			10.7			9			6.7		95	
100	7.8	6.8	6		12.3	8.9		12.3	8.9		12	8.7		11.4			10.4			8.8			6.7		100	
105	7.4	6.5	5.8		11.8	8.6		11.8	8.6		11.5	8.5		11	8.2		10.2			8.7			6.6		105	
110	7	6.3	5.6		11.3	8.3		11.4	8.3		11.2	8.2		10.7	8		9.9	7.6		8.6			6.5		110	
115	6.6	6	5.4		10.9	8	6.2	11	8		10.8	8		10.3	7.7		9.6	7.4		8.5			6.4		115	
120	6.3	5.8	5.2		10.5	7.7	6	10.5	7.8	6	10.4	7.7		10	7.5		9.4	7.2		8.3	6.8		6.4		120	
125	6	5.6	5.1		10.1	7.5	5.9	10.2	7.5	5.9	10.1	7.5	5.8	9.7	7.4		9.1	7.1		8.1	6.7		6.2		125	
130	5.7	5.4	5		9.7	7.3	5.8	9.8	7.3	5.8	9.7	7.3	5.8	9.4	7.2	5.6	8.9	6.9		7.9	6.6		6.1	5.7	130	
135	5.5	5.3	4.9		9.3	7.1	5.7	9.5	7.1	5.7	9.4	7.1	5.7	9.2	7	5.6	8.6	6.8		7.8	6.5		5.9	5.6	135	
140	5.2	5.1	4.9		9	6.9	5.6	9.1	6.9	5.6	9.1	7	5.6	8.9	6.9	5.5	8.4	6.7	5.4	7.6	6.4		5.8	5.4	140	
145	5	5	4.8		8.7	6.7	5.5	8.8	6.8	5.5	8.8	6.8	5.5	8.6	6.7	5.4	8.2	6.6	5.3	7.5	6.3		5.6	5.3	145	
150	4.8	4.9	4.8		8.4	6.5	5.4	8.5	6.6	5.4	8.5	6.6	5.4	8.4	6.6	5.3	8	6.4	5.3	7.3	6.2	5.1	5.5	5.1	150	
155	4.7	4.9	4.8		8.1	6.3	5.3	8.3	6.5	5.3	8.3	6.5	5.3	8.1	6.5	5.3	7.8	6.3	5.2	7.2	6.1	5.1	5.3	5	4.8	155
160	4.6	4.8			7.8	6.2	5.2	8	6.3	5.2	8	6.3	5.2	7.9	6.3	5.2	7.6	6.2	5.1	7.1	5.9	5	5.2	4.8	4.7	160
165					7.5	6.1	5.1	7.8	6.2	5.2	7.8	6.2	5.2	7.7	6.2	5.1	7.4	6.1	5.1	6.9	5.9	5	5	4.7	4.5	165
170					7.3	5.9	5.1	7.5	6	5.1	7.6	6.1	5.1	7.4	6.1	5.1	7.2	5.9	5	6.8	5.8	4.9	4.8	4.6	4.4	170
175					7	5.8	5	7.3	5.9	5	7.4	5.9	5	7.3	5.9	5	7.1	5.8	5	6.6	5.7	4.9	4.7	4.4	4.3	175
180					6.8	5.7	5	7	5.8	5	7.2	5.8	5	7.1	5.8	5	6.9	5.7	4.9	6.4	5.6	4.8	4.5	4.3	4.2	180
185					6.5	5.6	4.9	6.8	5.7	4.9	7	5.7	4.9	7	5.7	4.9	6.8	5.6	4.9	6.3	5.5	4.8	4.4	4.2	4.1	185
190					6.3	5.4	4.9	6.6	5.6	4.9	6.8	5.6	4.9	6.8	5.6	4.9	6.6	5.5	4.8	6.1	5.4	4.8	4.3	4	4	190
195					6.2	5.3	4.9	6.4	5.5	4.9	6.6	5.5	4.9	6.6	5.5	4.8	6.5	5.5	4.8	5.9	5.3	4.7	4.1	3.9	3.9	195
200					6	5.3	4.9	6.2	5.4	4.8	6.4	5.4	4.8	6.5	5.4	4.8	6.4	5.4	4.8	5.7	5.3	4.7	4	3.8	3.8	200
205					5.8	5.2	4.8	6	5.3	4.8	6.3	5.3	4.8	6.3	5.3	4.8	6.2	5.3	4.7	5.5	5.2	4.7	3.9	3.7	3.7	205
210					5.6	5.1	4.8	5.9	5.2	4.8	6.1	5.3	4.8	6.2	5.3	4.8	6.1	5.2	4.7	5.4	5.1	4.7	3.8	3.6	3.6	210
215					5.4	5	4.8	5.7	5.1	4.8	5.9	5.2	4.8	6	5.2	4.7	6	5.2	4.7	5.2	5	4.7	3.6	3.5	3.5	215
220					5.3	5	4.8	5.6	5.1	4.8	5.8	5.1	4.8	5.9	5.1	4.7	5.8	5.1	4.7	5	4.9	4.6	3.5	3.4	3.4	220
225					5.2	4.9	4.8	5.4	5	4.8	5.6	5.1	4.8	5.8	5.1	4.7	5.7	5	4.7	4.8	4.8	4.6	3.4	3.3	3.3	225
230					5	4.9	4.8	5.3	5	4.8	5.5	5	4.8	5.6	5	4.7	5.5	5	4.7	4.6	4.7	4.6	3.3	3.2	3.3	230
235					4.9	4.9	4.8	5.2	4.9	4.8	5.4	4.9	4.8	5.5	5	4.7	5.4	4.9	4.7	4.4	4.6	4.6	3.2	3.1	3.2	235
240					4.8	4.9		5	4.9	4.8	5.2	4.9	4.8	5.4	4.9	4.7	5.2	4.9	4.7	4.2	4.5	4.6	3.1	3	3.1	240
245					4.7	4.8		4.9	4.8	4.8	5.1	4.9	4.8	5.3	4.9	4.7	5.1	4.9	4.7	4.1	4.3	4.6	3	2.9	3	245
250					4.6	4.8		4.8	4.8	4.8	5	4.8	4.8	5.2	4.8	4.7	4.9	4.8	4.7	3.9	4.1	4.4	2.9	2.8	3	250
255					4.7	4.8		4.7	4.8		4.9	4.8	4.8	5	4.8	4.7	4.6	4.7	4.7	3.7	4	4.3	2.8	2.7	2.9	255
260					4.6	4.8		4.8	4.7	4.8	4.7	4.7	4.8	4.7	4.7	4.7	4.2	4.6	4.7	3.5	3.8	4.1	2.6	2.6	2.8	260
265					4	4.8		4.7	4.7		4.5	4.7	4.7	4.5	4.7	4.7	3.8	4.5	4.7	3.3	3.6	4	2.6	2.8	265	
270								4.6	4.7		4.2	4.7	4.7	4.2	4.7	4.7	3.4	4.3	4.6	3.1	3.5	3.8	2.5	2.7	2.7	270
275								4.1	4.7		4.1	4.7		4	4.4	4.5	3	4	4.4	2.8	3.3	3.6	2.4	2.6	2.6	275
280									4.7			4.7		3.8	4.1		2.9	3.6	4	2.4	3.1	3.4	2.3	2.5	2.8	280
285												4.7		3.5	3.9		2.7	3.1	3.5	2.7	2.9	3.1	2.4	2.4	2.8	285
290														2.5	3.7		2.5	2.8	2.9		2.7	2.8	2.3		2.3	290
295														3.1			2.4	2.6			2.5					295
300																	2.4									300
305																	2.2									305

\* adapter - pièce d'adaptateur

t\_240\_003\_50701\_00\_000 / 52701\_00\_000 / 54701\_00\_000

# Lifting capacities Forces de levage

TF

	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*				
	126 ft			126 ft			126 ft			126 ft			126 ft			126 ft			126 ft			126 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
28	16.7																							28		
30	16.4																							30		
32	16																							32		
34	15.6																							34		
36	15.2																							36		
38	14.8																							38		
40	14.5																							40		
45	13.6																							45		
50	12.8				16.2			15.3																50		
55	12				15.5			14.9																55		
60	11.3				14.9			14.3			13.5													60		
65	10.6				14.3			13.8			13.1			12.1										65		
70	9.9	8.1			13.7			13.3			12.6			11.7			10.6							70		
75	9.2	7.8			13.2			12.8			12.2			11.4			10.4			8.1				75		
80	8.7	7.3			12.6			12.4			11.8			11.1			10.1			8			5.5	80		
85	8.1	7			12.1			11.9			11.5			10.8			9.8			7.9			5.5	85		
90	7.6	6.6			11.6			11.5			11.1			10.4			9.5			7.7			5.5	90		
95	7.3	6.3			11.2	7.8		11			10.7			10.1			9.2			7.6			5.5	95		
100	6.9	6			10.7	7.5		10.6	7.5		10.3			9.8			8.9			7.5			5.5	100		
105	6.5	5.7	4.9		10.3	7.3		10.2	7.2		10	7.1		9.5			8.7			7.4			5.6	105		
110	6.2	5.4	4.7		9.8	7		9.8	7		9.6	6.9		9.2	6.8		8.4			7.3			5.6	110		
115	5.9	5.2	4.5		9.4	6.8		9.5	6.8		9.3	6.7		8.8	6.6		8.2			7.2			5.5	115		
120	5.6	5	4.4		9	6.6		9.1	6.6		8.9	6.5		8.5	6.4		7.9	6.1		7.1			5.4	120		
125	5.3	4.8	4.2		8.6	6.3	4.9	8.7	6.4		8.6	6.4		8.3	6.3		7.7	6		6.9			5.3	125		
130	5	4.6	4.1		8.3	6.2	4.8	8.4	6.2	4.8	8.3	6.2		8	6.1		7.5	5.9		6.8	5.5		5.2	130		
135	4.8	4.4	4		7.9	6	4.6	8.1	6	4.6	8	6	4.6	7.8	5.9		7.3	5.7		6.7	5.4		5.1	4.7	135	
140	4.6	4.2	3.9		7.6	5.8	4.6	7.8	5.9	4.6	7.7	5.8	4.5	7.5	5.8	4.4	7.1	5.6		6.5	5.3		4.9	4.6	140	
145	4.4	4.1	3.8		7.4	5.6	4.5	7.5	5.7	4.5	7.5	5.7	4.4	7.3	5.6	4.4	6.9	5.5		6.4	5.2		4.8	4.5	145	
150	4.2	4	3.7		7.1	5.5	4.4	7.2	5.5	4.4	7.3	5.6	4.4	7	5.5	4.3	6.8	5.4	4.2	6.2	5.1		4.6	4.3	150	
155	4	3.9	3.7		6.9	5.3	4.3	7	5.4	4.3	7	5.4	4.3	6.9	5.4	4.2	6.6	5.2	4.2	6.1	5		4.5	4.2	155	
160	3.8	3.8	3.7		6.7	5.2	4.2	6.8	5.3	4.2	6.8	5.3	4.2	6.7	5.2	4.2	6.4	5.1	4.1	6	4.9	4	4.3	4	160	
165	3.7	3.8	3.7		6.4	5	4.1	6.6	5.1	4.1	6.6	5.2	4.1	6.5	5.1	4.1	6.3	5	4	5.9	4.8	3.9	4.2	3.9	165	
170	3.6	3.8			6.2	4.9	4.1	6.4	5	4.1	6.4	5	4.1	6.4	5	4	6.1	4.9	4	5.7	4.7	3.9	4	3.8	3.8	170
175					6	4.8	4	6.2	4.9	4	6.3	4.9	4	6.2	4.9	4	6	4.8	3.9	5.6	4.6	3.8	3.9	3.7	3.7	175
180					5.8	4.7	3.9	6	4.8	4	6.1	4.8	4	6	4.8	3.9	5.9	4.7	3.9	5.5	4.6	3.8	3.8	3.5	3.6	180
185					5.6	4.6	3.9	5.9	4.7	3.9	6	4.7	3.9	5.9	4.7	3.9	5.7	4.6	3.8	5.4	4.5	3.7	3.6	3.4	3.4	185
190					5.5	4.5	3.8	5.7	4.6	3.9	5.8	4.6	3.9	5.8	4.6	3.8	5.6	4.5	3.8	5.2	4.4	3.7	3.5	3.3	3.3	190
195					5.3	4.4	3.8	5.5	4.5	3.8	5.6	4.5	3.8	5.6	4.5	3.8	5.5	4.4	3.8	5.1	4.3	3.7	3.4	3.1	3.2	195
200					5.1	4.3	3.8	5.3	4.4	3.8	5.5	4.4	3.8	5.5	4.4	3.8	5.4	4.4	3.7	4.9	4.2	3.7	3.2	3	3.1	200
205					4.9	4.2	3.7	5.2	4.3	3.7	5.3	4.3	3.7	5.4	4.3	3.7	5.2	4.3	3.7	4.8	4.2	3.6	3.1	2.9	3	205
210					4.8	4.1	3.7	5	4.2	3.7	5.2	4.2	3.7	5.2	4.3	3.7	5.1	4.2	3.7	4.7	4.1	3.6	3	2.8	2.9	210
215					4.6	4	3.7	4.9	4.1	3.7	5	4.2	3.7	5.1	4.2	3.7	5	4.1	3.6	4.5	4	3.6	2.8	2.6	2.8	215
220					4.5	4	3.7	4.7	4.1	3.7	4.9	4.1	3.7	5	4.1	3.6	4.9	4.1	3.6	4.3	4	3.6	2.7	2.5	2.7	220
225					4.3	3.9	3.7	4.6	4	3.7	4.7	4	3.7	4.8	4	3.6	4.8	4	3.6	4.2	3.9	3.6	2.6	2.4	2.6	225
230					4.2	3.9	3.7	4.5	3.9	3.7	4.6	4	3.6	4.7	4	3.6	4.7	4	3.6	4	3.9	3.5	2.5	2.3	2.4	230
235					4.1	3.8	3.7	4.3	3.9	3.7	4.5	3.9	3.6	4.6	3.9	3.6	4.6	3.9	3.6	3.8	3.8	3.5	2.4	2.2	2.3	235
240					4	3.8	3.7	4.2	3.8	3.7	4.4	3.9	3.6	4.5	3.9	3.6	4.5	3.9	3.6	3.6	3.7	3.5	2.2		2.3	240
245					3.9	3.8	3.7	4.1	3.8	3.7	4.3	3.8	3.6	4.4	3.8	3.6	4.3	3.8	3.6	3.5	3.6	3.5	2.1		2.2	245
250					3.8	3.8		4	3.8	3.7	4.2	3.8	3.6	4.3	3.8	3.6	4.2	3.8	3.6	3.3	3.6	3.5				250
255					3.7	3.8		3.9	3.8	3.7	4.1	3.7	3.6	4.2	3.8	3.6	4.1	3.7	3.6	3.1	3.4	3.5				255
260					3.6	3.8		3.8	3.8	3.7	4	3.7	3.6	4.1	3.7	3.6	3.9	3.7	3.6	3	3.3	3.5				260
265					2.8	3.8		3.7	3.8		3.9	3.7	3.6	4	3.7	3.6	3.7	3.6	3.6	2.8	3.1	3.4				265
270								3.6	3.8		3.8	3.7	3.6	3.7	3.7	3.6	3.3	3.6	3.6	2.6	3	3.3				270
275								3.5	3.8		3.7	3.7		3.6	3.7	3.6	2.9	3.5	3.6	2.5	2.8	3.1				275
280									3.5		3.6	3.7		3.4	3.7	3.6	2.5	3.5	3.6		2.7	3				280
285											3.3	3.7		3.2	3.5	3.6	2.2	3.3	3.5		2.5	2.8				285
290												3.7		3	3.3			2.9	3.2		2.3	2.6				290
295														2.7	3.1			2.3	2.7			2.4				295
300															2.9				2.1							300
305															2.4											305

\* adapter - pièce d'adaptateur

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# Lifting capacities

# Forces de levage

**TF**



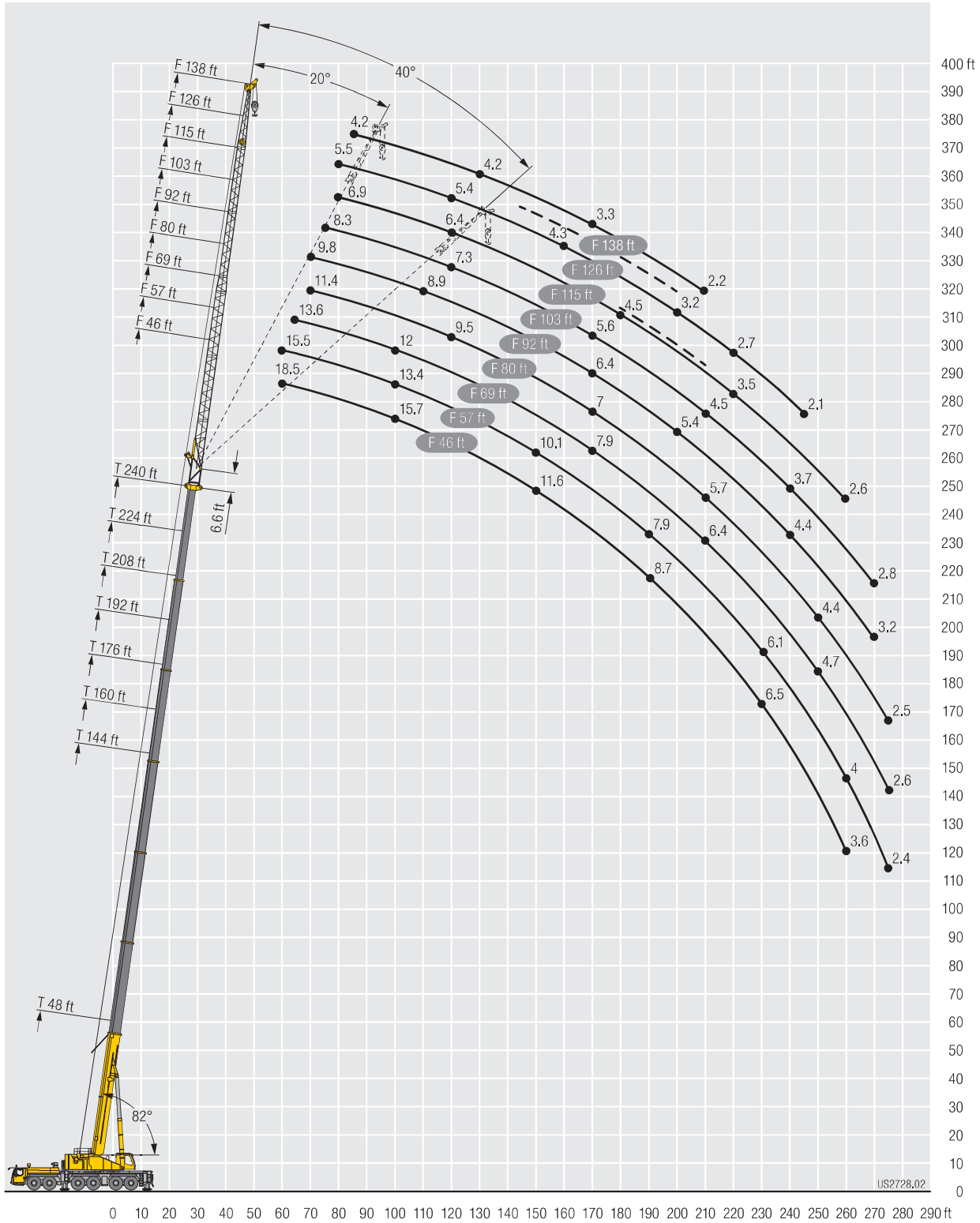
	48 + 6.6 ft*			144 + 6.6 ft*			160 + 6.6 ft*			176 + 6.6 ft*			192 + 6.6 ft*			208 + 6.6 ft*			224 + 6.6 ft*			240 + 6.6 ft*						
	138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft			138 ft						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
30	14.2																							30				
32	14																								32			
34	13.7																								34			
36	13.4																								36			
38	13.1																								38			
40	12.7																								40			
45	12																								45			
50	11.3				14																				50			
55	10.6				13.5			12.9																	55			
60	10				13			12.5		11.7															60			
65	9.4				12.4			12		11.4			10.5												65			
70	8.8				11.9			11.6		11			10.2												70			
75	8.2				11.5			11.1		10.6			9.9			8.9									75			
80	7.6	6.5			11			10.7		10.2			9.6			8.7		6.9							80			
85	7.2	6.2			10.6			10.4		9.9			9.3			8.5		6.9			4.2				85			
90	6.8	5.8			10.1			10		9.6			9			8.2		6.8			4.2				90			
95	6.5	5.5			9.7			9.6		9.3			8.7			8		6.7			4.2				95			
100	6.1	5.2			9.3	6.5		9.2		8.9			8.5			7.7		6.6			4.3				100			
105	5.8	5			8.9	6.3		8.9	6.3	8.6			8.2			7.5		6.6			4.3				105			
110	5.5	4.7			8.5	6.1		8.5	6.1	8.3	6		7.9			7.2		6.5			4.3				110			
115	5.2	4.5	3.9		8.2	5.8		8.2	5.9	8	5.8		7.6			7		6.3			4.3				115			
120	4.9	4.3	3.7		7.8	5.6		7.8	5.7	7.7	5.6		7.3	5.5		6.8		6.2			4.3				120			
125	4.7	4.1	3.6		7.5	5.5		7.5	5.5	7.5	5.5		7.1	5.4		6.7	5.2	6			4.2				125			
130	4.5	3.9	3.4		7.2	5.3		7.2	5.3	7.2	5.3		6.9	5.2		6.5	5	5.9			4.2				130			
135	4.2	3.8	3.3		6.9	5.1	3.6		7	5.1			6.9	5.1		6.7	5	6.3	4.9		5.8	4.6		4.1	135			
140	4	3.6	3.2		6.7	5	3.6		6.7	5	3.6		6.7	5		6.5	4.9	6.1	4.8		5.6	4.5		4	140			
145	3.9	3.5	3.1		6.5	4.8	3.5		6.5	4.9	3.5		6.5	4.8	3.4	6.3	4.8	6	4.6		5.5	4.4		3.9	3.7	145		
150	3.7	3.3	3		6.2	4.6	3.4		6.3	4.7	3.4		6.3	4.7	3.4	6.1	4.6	3.3	5.8	4.5		5.4	4.3		3.8	3.6	150	
155	3.5	3.2	2.9		6	4.5	3.3		6.1	4.6	3.3		6.1	4.6	3.3	6	4.5	3.2	5.7	4.4		5.3	4.2		3.7	3.4	155	
160	3.3	3.1	2.9		5.8	4.4	3.3		5.9	4.4	3.3		5.9	4.5	3.2	5.8	4.4	3.2	5.5	4.3	3.1	5.2	4.1		3.5	3.3	160	
165	3.2	3	2.9		5.6	4.2	3.2		5.7	4.3	3.2		5.8	4.3	3.2	5.6	4.3	3.2	5.4	4.2	3.1	5	4		3.4	3.1	165	
170	3	3	2.9		5.4	4.1	3.1		5.5	4.2	3.2		5.6	4.2	3.1	5.5	4.2	3.1	5.2	4.1	3	4.9	3.9	2.9	3.3	3	170	
175	2.9	2.9	2.9		5.2	4	3.1		5.4	4.1	3.1		5.4	4.1	3.1	5.3	4.1	3.1	5.1	4	3	4.8	3.8	2.8	3.1	2.9	175	
180	2.8	2.9			5	3.9	3		5.2	4	3.1		5.3	4	3	5.2	4	3	5	3.9	2.9	4.7	3.8	2.8	3	2.7	2.7	180
185	2.8				4.9	3.8	3		5	3.9	3		5.1	3.9	3	5	3.9	3	4.9	3.8	2.9	4.6	3.7	2.8	2.8	2.6	2.6	185
190					4.7	3.7	2.9		4.9	3.8	3		5	3.8	3	4.9	3.8	2.9	4.8	3.7	2.9	4.5	3.6	2.8	2.7	2.5	2.6	190
195					4.5	3.6	2.9		4.7	3.7	2.9		4.8	3.7	2.9	4.8	3.7	2.9	4.7	3.6	2.9	4.4	3.5	2.8	2.5	2.3	2.5	195
200					4.4	3.5	2.9		4.6	3.6	2.9		4.7	3.6	2.9	4.7	3.6	2.9	4.5	3.6	2.8	4.3	3.5	2.7	2.4	2.2	2.4	200
205					4.2	3.4	2.9		4.4	3.5	2.9		4.5	3.5	2.9	4.6	3.5	2.9	4.4	3.5	2.8	4.2	3.4	2.7	2.3		2.3	205
210					4.1	3.4	2.9		4.3	3.4	2.9		4.4	3.5	2.9	4.4	3.5	2.8	4.3	3.4	2.8	4.1	3.3	2.7	2.2		2.1	210
215					4	3.3	2.9		4.2	3.4	2.8		4.3	3.4	2.9	4.3	3.4	2.8	4.2	3.4	2.8	4	3.3	2.7				215
220					3.8	3.2	2.9		4	3.3	2.8		4.2	3.3	2.9	4.2	3.3	2.8	4.1	3.3	2.8	3.9	3.2	2.7				220
225					3.7	3.2	2.9		3.9	3.2	2.8		4	3.3	2.8	4.1	3.3	2.8	4.1	3.2	2.8	3.7	3.2	2.7				225
230					3.6	3.1	2.9		3.8	3.2	2.8		3.9	3.2	2.8	4	3.2	2.8	4	3.2	2.8	3.5	3.1	2.7				230
235					3.5	3	2.9		3.7	3.1	2.8		3.8	3.1	2.8	3.9	3.1	2.8	3.9	3.1	2.8	3.4	3	2.7				235
240					3.4	3	2.9		3.6	3.1	2.8		3.7	3.1	2.8	3.8	3.1	2.8	3.8	3.1	2.8	3.2	3	2.7				240
245					3.3	3	2.9		3.5	3	2.8		3.6	3	2.8	3.7	3.1	2.8	3.7	3	2.7	3.1	3	2.7				245
250					3.2	2.9	2.9		3.4	3	2.8		3.5	3	2.8	3.6	3	2.8	3.6	3	2.7	2.9	2.9	2.7				250
255					3.1	2.9	2.9		3.3	2.9	2.8		3.4	3	2.8	3.5	3	2.8	3.5	3	2.7	2.8	2.9	2.7				255
260					3	2.9			3.2	2.9	2.8		3.3	2.9	2.8	3.4	2.9	2.8	3.4	2.9	2.7	2.6	2.8	2.7				260
265					2.9	2.9			3.1	2.9	2.8		3.2	2.9	2.8	3.3	2.9	2.8	3.3	2.9	2.7	2.5	2.8	2.7				265
270					2.8	2.9			3	2.9	2.8		3.2	2.9	2.8	3.3	2.9	2.8	3.2	2.8	2.7	2.6	2.7					270
275					2.8	2.9			2.9	2.9			3.1	2.9	2.8	3.2	2.8	2.8	3	2.8	2.7	2.5	2.7					275
280									2.9	2.9			3	2.8	2.8	3.1	2.8	2.8	2.7	2.8	2.7	2.3	2.6					280
285									2.8	2.9			2.9	2.8	2.8	2.9	2.8	2.8	2.3	2.8	2.7	2.2	2.5					285
290										2.9	2.8			2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.2	2.4					290
295										2.8	2.8			2.8	2.8	2.6	2.8	2.8	2.7	2.7	2.7	2.2						295
300											2.8			2.4	2.7				2.3	2.6								300
305														2.2							2.2							305
310																												310

\* adapter - pièce d'adaptateur

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# Lifting heights Hauteurs de levage

TF





# Lifting capacities Forces de levage

TN



↙ ↘	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			↙ ↘
	57 ft**			57 ft**			57 ft**			57 ft**			57 ft**			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
26	110.7															26
28	110.8															28
30	110.7			103.2												30
32	110.3			103.9			93.9									32
34	109.3			104.4			94.2			82.8						34
36	108			104.8			94.4			82.8						36
38	107			104.9			94.4			82.7			70.8			38
40	106.1	105.1		104.6			94.4			82.6			70.7			40
45	103.5	98.5		102.5	100.6		94.4			82.6			70.7			45
50	95.6	93.2		100.2	97.6		94.4	91.4		82.6			70.7			50
55	83.9	89.5	86.2	90.4	94.6		93	91.1		82.6	79.8		70.7			55
60	65.5	86.5	81.6	79	91.7	89.2	85.4	89.9		82.6	79.9		70.7	68.2		60
65		78.8	78.3		88	84.7	72.9	88.8		80.5	80.4		70.7	68.2		65
70			77.2		78.3	81.6		86.3	81.7		80.8		70.7	68.2		70
75			72.9			79		78	75.9		78.5	73.1		68.2		75
80						73.7			70.7		73.2	68.2		68.2		80
85									66			63.7		65.9	60.1	85
90												59.7			56.4	90
95															53	95
100															49.9	100

\* adapter - pièce d'adaptateur

t\_240\_004\_50101\_00\_000

\*\* Hookblock with deadweight of 2,200 lbs necessary - Moufle a crochet de poids minimal de 2,200 lbs necessaire



↙ ↘	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*		192 + 11.5 ft*		208 + 11.5 ft*	224 + 11.5 ft*	240 + 11.5 ft*	↙ ↘
	57 ft**			57 ft**			57 ft**			57 ft**		57 ft**		57 ft**			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	82°	75°	82°	75°	68°	
40	60.7																40
45	60.6			49.7													45
50	60.5			49.6			39.3										50
55	60.5			49.6			39.2			32.2		25					55
60	60.5			49.6			39			32.1		24.9		18.7			60
65	60.5	58.4		49.6			38.9			32		24.9		18.7	12.7	7.7	65
70	60.5	58.5		49.6			38.9			31.9		24.8		18.6	12.6	7.6	70
75		58.8		49.6	48		38.9			31.9		24.8		18.5	12.4	7.4	75
80		59.1			48.1			37.8				24.8		18.4	12.3	7.3	80
85		59.1			48			37.6			30.3				12.2	7.2	85
90		59	54.3		47			37.4			30.2						90
95			51.1					37.3			30						95
100			48.2			40.6					29.9				23.1		100
105			45.5			39.2			33						22.9		105
110						37.9			31.8								110
115									30.9								115

\* adapter - pièce d'adaptateur

t\_240\_004\_50101\_00\_000

\*\* Hookblock with deadweight of 2,200 lbs necessary - Moufle a crochet de poids minimal de 2,200 lbs necessaire

# Lifting capacities Forces de levage

TN



↙ ↘	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			↙ ↘	
	69 ft			69 ft			69 ft			69 ft			69 ft				
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°		
30	97.7															30	
32	97.6			91.4												32	
34	97.1			91.5												34	
36	96.2			91.6			83.4									36	
38	95.1			91.4			83.2			73.4						38	
40	94			91.1			83.1			73.4						40	
45	91.5	90.3		89.5			82.8			73.1			63.4			45	
50	89.4	86.9		87.9	86.8		82.6			73			63.3			50	
55	87.9	83		86.8	84.4		82.3	80.5		73			63.3			55	
60	83.7	79.6	77.8	85.6	82.5		81.9	79.2		73	70.9		63.3			60	
65	73.7	77.3	73.7	81.2	80.8	79.3	81.9	77.7		73	70.8		63.3	61.3		65	
70	57.8	75.9	70.6	69.3	79.6	76.3	77	76.6		73	70.5		63.3	61.2		70	
75		70.6	68.3	67.7	71.4	73.6	64.4	76	74.2	73	69.9		63.3	61.2		75	
80			67.7		71.4	71.4		74.8	70.3		69.7	67.6		63.3	61.2	80	
85			65.8			68.6		69.9	65.7		68.3	63.5			61.2	85	
90						64.4			61.6		64.2	59.6			60.8	55.9	90
95									57.9			56			58	52.6	95
100												52.9				49.7	100
105																46.9	105
110																44.4	110

\* adapter - pièce d'adaptateur

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↙ ↘	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*		224 + 11.5 ft*		240 + 11.5 ft*		↙ ↘
	69 ft			69 ft			69 ft			69 ft			69 ft			69 ft		69 ft		69 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	82°	75°	82°	75°	
45	54.5																					45
50	54.5			44.9			34.6															50
55	54.5			44.9			34.5			28.3												55
60	54.5			44.9			34.2			28.2			21.5									60
65	54.5			44.9			34			28			21.4		15.9							65
70	54.5	52.7		44.9			33.9			27.9			21.3		15.7	10.3				5.9		70
75	54.5	52.8		44.9			33.8			27.8			21.3		15.6	10.1				5.8		75
80	54.5	52.9		44.9	43.3		33.8			27.8			21.3		15.4	10				5.7		80
85		53.1		44.9	43		33.8	32.9		27.7			21.3		15.3	9.9				5.6		85
90		53.3			42.9			32.7		27.7	26.8		21.3		15.3	9.8				5.5		90
95		53.6	50.5		42.7			32.6			26.7				15.3	9.8				5.5		95
100		52.9	47.7		42			32.5			26.6			20.2								100
105			45.1		41.2	37.5		32.5			26.5			20.1		14.1						105
110			42.7			36.3					26.5			20		13.9						110
115			40.5			35.2				29.4				19.9		13.8			8.7			115
120						34.2				28.5						13.8			8.6		4.5	120
125										27.7						8.5			8.5		4.4	125
130																					4.4	130
135																						135
140																						140

\* adapter - pièce d'adaptateur

t\_240\_004\_50201\_00\_000

# Lifting capacities Forces de levage

TN



	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			
	80 ft			80 ft			80 ft			80 ft			80 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
34	85.6															34
36	85.3			80.1												36
38	84.3			79.9												38
40	83.4			79.7			72.9									40
45	81.2			78.9			72.6			64.6			56.3			45
50	79.3	78.7		77.5			72.4			64.4			56.2			50
55	77.5	76.4		76.2	75.4		72			64.4			56.1			55
60	76.2	73.7		75	73.7		71.1	70.4		64.4			56.1			60
65	74.5	71.2	70.1	74.3	71.9		70.5	68.9		64.4	62.5		56.1			65
70	70.6	68.8	67	72.6	70.6		70.3	67.6		64.4	62.4		56.1	54.4		70
75	62.6	67.1	64	68.3	69.5	68.5	70.3	66.7		64.4	61.9		56.1	54.3		75
80	51.6	65.8	61.7	59.7	68.8	66.2	66.2	66	65.1	64.4	61.2		56.1	54.3		80
85		61	59.9	48.5	67.9	64.4	57.4	65.6	63.7	64.3	60.7		56.1	54.3		85
90		49.3	59.4		61.5	62.8		65	61.5	54.4	60.6	58.7	56.1	54.3		90
95			57.7		50.8	60.4		61.7	57.9		60.1	55.7		54.3	52.1	95
100						57			54.6		56.8	52.6		53.9	49.3	100
105									51.6			49.7		51.5	46.6	105
110									48.9			47.1			44.2	110
115												44.7			41.9	115
120															39.9	120

\* adapter - pièce d'adaptateur

t\_240\_004\_50301\_00\_000



	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			224 + 11.5 ft*		
	80 ft			80 ft			80 ft			80 ft			80 ft			80 ft			80 ft		
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	
50	48.5																				50
55	48.5			40.4			30.4														55
60	48.4			40.4			30.2			24.3											60
65	48.4			40.3			30.1			24.3			19								65
70	48.4			40.3			29.9			24.2			19		13.5				8.4		70
75	48.4	46.9		40.3			29.7			24.1			18.9		13.3				8.3		75
80	48.4	46.9		40.3			29.6			24			18.9		13.2				8.1		80
85	48.4	47		40.3	38.7		29.6			23.9			18.9		13.1				8		85
90	48.4	47		40.3	38.5		29.6	28.8		23.9			18.9		13				8		90
95	48.4	47		40.3	38.4		29.6	28.7		23.9	23.2		18.9		12.9				7.9		95
100		47			38.4		29.6	28.6		23.9	23.2		18.9		12.9				7.9		100
105		47	45		38.2			28.6			23.1		17.7		12.9				7.9		105
110		47	42.6		37.8	34.5		28.6			23.1		17.6			11.7					110
115			40.5		37.2	33.8		28.6			23.1		17.5			11.7					115
120			38.5			32.8		28.6	27.1		23.1		17.4			11.6				6.8	120
125			36.7			31.9			26.3		23.1		17.4			11.5				6.7	125
130						31			25.6			20.5				11.5				6.7	130
135									25			19.9								6.6	135
140									24.4			19.4			14.8						140
145												18.9			14.4						145
150															14						150
155																10.3					155

\* adapter - pièce d'adaptateur

t\_240\_004\_50301\_00\_000

# Lifting capacities Forces de levage

TN



	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			
	92 ft			92 ft			92 ft			92 ft			92 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
38	74.4															38
40	73.8			70.3												40
45	72			69.5			64.4									45
50	70.3			68.5			64			57.4			50.1			50
55	68.8	68.4		67.3			63.4			57.2			50			55
60	67.4	66.7		66.3	65.8		62.9			56.9			49.9			60
65	66.2	64.9		65.2	64.3		62.2	61.5		56.6			49.7			65
70	65.4	63.3		64.5	63		61.5	60.5		56.3	54.8		49.6			70
75	63.9	61.5	60.6	63.9	61.8		61.2	59.4		56.2	54.8		49.6	47.7		75
80	61.2	60	58.2	62.7	60.8	60.4	61	58.6		56.1	54.4		49.6	48.1		80
85	54.8	58.9	56	59.3	60.1	59	61	57.9	57.4	56.1	53.7		49.6	47.9		85
90	46.6	57.7	54.3	52.7	59.6	57.7	57	57.4	56.4	56	53.3		49.6	47.8		90
95	37.4	53.8	52.9	44.6	59.2	56.4	50.4	57.2	55.3	55.5	53	52.1	49.6	47.7		95
100		45.7	52.5		54.3	55.4	40	56.9	54	48.4	52.8	51.4	49.6	47.7	45.1	100
105			51.8		46.9	53.7		54.8	51.3		52.8	49.3		47.7	46.1	105
110						51		47.2	48.6		50.6	46.7		47.7	44	110
115									46.2		47.8	44.4		46.3	41.8	115
120									43.9			42.2		44	39.8	120
125												40.2			37.9	125
130															36.1	130

\* adapter - pièce d'adaptateur

t\_240\_004\_50401\_00\_000



	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			224 + 11.5 ft*			
	92 ft			92 ft			92 ft			92 ft			92 ft			92 ft			92 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°		
55	43.2			36																	55	
60	43.2			36			26.2														60	
65	43.2			36			26.1			21.5											65	
70	43.1			36			25.9			21.4			16.8			11.3					70	
75	43.1			36			25.8			21.3			16.7			11.1				6.5	75	
80	43.1	40.8		36			25.7			21.2			16.5			11				6.4	80	
85	43.1	41.5		36			25.5			21.2			16.4			10.9				6.3	85	
90	43.1	41.8		36	34.4		25.5			21.1			16.3			10.8				6.2	90	
95	43.1	41.8		36	34.5		25.5	24.8		21.1			16.2			10.7				6.1	95	
100	43.1	41.8		36	34.3		25.5	24.7		21.1	20.4		16.2			10.7				6.1	100	
105	43.1	41.8		36	34.3		25.5	24.6		21.1	20.3		16.2			10.6				6	105	
110		41.8	39.3		34.3		25.5	24.6		21.1	20.3		16.2	15		10.6				6	110	
115		41.8	39.8		34.3			24.6			20.3		16.2	14.9		10.6	9.5			6	115	
120		41.8	38.1		34	31		24.6			20.3		16.2	14.8		10.6	9.5			6	120	
125			36.3		33.6	30.4		24.6	23.9		20.3			14.7			9.4				5	125
130			34.6			29.6		24.6	23.7		20.3			14.7			9.3				4.9	130
135			33.1			28.8			23.4		20.3	18.7		14.7			9.3				4.9	135
140			31.6			28.1			22.9			18.2		14.7			9.3				4.9	140
145						27.4			22.3			17.8			13.4						4.9	145
150									21.8			17.3			13.1							150
155												16.9			12.7							155
160															12.3							160
165																						165
170																						170

\* adapter - pièce d'adaptateur

t\_240\_004\_50401\_00\_000

# Lifting capacities Forces de levage

TN



↙ ↘	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			↙ ↘
	103 ft			103 ft			103 ft			103 ft			103 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
45	63.5			60.5						49.9						45
50	62.3			59.9												50
55	61.1			59.2									43.7			55
60	60	59.4		58.5						49.3			43.5			60
65	59	58.1		57.7	57.1					49.1			43.4			65
70	58.1	56.9		57	56.1			54	53.1	48.8			43.3			70
75	57.5	55.8		56.5	55.1			53.6	52.7	48.6	47.2		43.2			75
80	56.6	54.8	54.1	56.1	54.3			53.4	51.9	48.5	47.3		43.2	41.5		80
85	54.2	53.8	52.4	55.3	53.6	53		53.2	51.3	48.4	47.1		43.1	41.9		85
90	50.7	53.2	51	53.8	52.9	52		53.2	50.8	48.4	46.8		43.1	41.8		90
95	45.1	52.2	49.7	49.7	52.6	51.1		53.2	50.3	49.5	48.4	46.5		43.1	41.7	95
100	38.3	50.2	48.7	43.7	52.3	50.3	48	50.1	48.7	48.3	46.3	44.8	43.1	41.6		100
105	31	45.1	48.1	37.3	51.7	49.8	41.9	50	48.1	47.5	46.2	44.9	43.1	41.5		105
110		38.4	47.4		46	49.5	34.7	49.5	47.6	41.3	46.2	44.5	42.6	41.5	39.7	110
115			44.6		39.7	48.2		46.5	46		46.2	44.1	39.1	41.5	40.2	115
120			36.8			45.9		40.1	43.8		45.6	42.3		41.5	39.5	120
125						41.1			41.7		42.5	40.3		41.4	37.7	125
130									39.8			38.5		39.9	36	130
135												36.7			34.4	135
140															32.9	140
145															31.4	145

\* adapter - pièce d'adaptateur

t\_240\_004\_50501\_00\_000



↙ ↘	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			224 + 11.5 ft*			↙ ↘
	103 ft			103 ft			103 ft			103 ft			103 ft			103 ft			103 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
55	37.9																					55
60	37.9			31.7																		60
65	37.8			31.7			23.2															65
70	37.8			31.6			23			19			14.6									70
75	37.7			31.6			22.9			18.9			14.5		9.4							75
80	37.7			31.6			22.8			18.8			14.4		9.3				5			80
85	37.7	35.9		31.6			22.6			18.7			14.2		9.1				4.9			85
90	37.7	36.2		31.6			22.5			18.7			14.1		9				4.8			90
95	37.7	36.5		31.6	30.1		22.4			18.6			14		9				4.7			95
100	37.7	36.5		31.6	30.4		22.4	21.8		18.6			13.9		8.9				4.7			100
105	37.7	36.5		31.6	30.6		22.4	21.7		18.5	18.1		13.8		8.8				4.6			105
110	37.7	36.5		31.6	30.6		22.4	21.7		18.5	17.9		13.8		8.7				4.6			110
115	37.7	36.6	34.1	31.6	30.6		22.4	21.6		18.5	17.8		13.7	12.8	8.7				4.5			115
120		36.7	34.5	31.6	30.5		22.4	21.6		18.5	17.8		13.7	12.7	8.7	7.8			4.5			120
125		36.6	35		30.5	28.5		21.6			17.8		13.7	12.6	8.7	7.8			4.5			125
130		36.6	34.4		30.5	28.1		21.6			17.8			12.5	8.7	7.7			4.5	3.6		130
135		36.6	32.9		30.4	27.4		21.6	21		17.8			12.5	8.7	7.6				3.6		135
140			31.4			26.7		21.6	20.9		17.8			12.4	8.7	7.6				3.6		140
145			30.1			26.1			20.7		17.8	16.8		12.4	8.7	7.5				3.5		145
150			28.8			25.6			20.6			16.4		12.4	8.7	7.5				3.5		150
155						25			20.2			16			11.6	7.5				3.5		155
160									19.9			15.6			11.6					3.5		160
165												15.2			11.3							165
170															11					7		170
175															10.7					7.1		175
180																				7.1		180
185																					3.3	185

\* adapter - pièce d'adaptateur

t\_240\_004\_50501\_00\_000

# Lifting capacities Forces de levage

TN



↙ ↘	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			↙ ↘
	115 ft			115 ft			115 ft			115 ft			115 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
45	56.1															45
50	55.4			52.7			48.9									50
55	54.6			52.2			48.6			43.8						55
60	53.7			51.6			48.2			43.6			38.4			60
65	52.8	52.4		51.1			47.8			43.4			38.4			65
70	52	51.4		50.6	50		47.5			43.1			38.3			70
75	51.2	50.3		50	49.3		47.2	46.3		42.9			38.1			75
80	50.6	49.4		49.4	48.5		46.9	46.2		42.7	41.4		38.1			80
85	50.2	48.6	48.2	49.1	47.8		46.7	45.8		42.6	41.7		38	36.5		85
90	49.3	47.8	47.2	48.8	47.1		46.6	45.2		42.6	41.5		38	36.8		90
95	47.2	47.2	46.1	48.5	46.5	45.9	46.5	44.8		42.5	41.3		38	36.9		95
100	44.3	46.8	44.9	48.1	46.1	45.1	46.5	44.4	43.7	42.5	41.1		38	36.8		100
105	39.6	45.9	43.9	44.7	45.9	44.5	46.2	44.1	43.2	42.5	40.9	39.1	38	36.7		105
110	34.3	44.1	43.2	39.7	45.9	44	42.8	44	42.6	42.4	40.8	39.5	38	36.6		110
115	28.6	40	42.8	34.4	45.5	43.6	38.4	44	42.1	41.6	40.7	39.6	38	36.6	34.7	115
120		35	42.2	27.1	41.7	43.4	32.7	43.7	41.8	37.1	40.7	39.2	37.6	36.6	35.2	120
125			39.6		36.7	43.3		42	41.5		40.7	38.9	35.5	36.6	35.5	125
130			34.4			41.6		37.3	39.7		40.7	38.1		36.6	35.3	130
135						38.2			37.9		38.3	36.4		36.6	34	135
140									36.2			34.8		36.1	32.5	140
145												33.3			31.1	145
150												31.9			29.8	150
155															28.6	155

\* adapter - pièce d'adaptateur

t\_240\_004\_50601\_00\_000



↙ ↘	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			↙ ↘
	115 ft			115 ft			115 ft			115 ft			115 ft			115 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
60	33.5																		60
65	33.4			28			20.6												65
70	33.4			28			20.5			16.8									70
75	33.3			28			20.3			16.7			12.3						75
80	33.3			28			20.2			16.6			12.2			7.5			80
85	33.3			28			20.1			16.5			12			7.3			85
90	33.2	31.6		28			20			16.5			11.9			7.2			90
95	33.2	31.8		28			19.9			16.4			11.8			7.2			95
100	33.2	32.1		28	26.6		19.8			16.4			11.7			7.1			100
105	33.2	32.2		28	26.8		19.8	19.3		16.3			11.6			7			105
110	33.2	32.2		28	27		19.8	19.2		16.3	15.9		11.5			6.9			110
115	33.2	32.2		28	27.1		19.8	19.1		16.3	15.8		11.5			6.9			115
120	33.2	32.2	29.8	28	27.2		19.8	19.1		16.3	15.7		11.4	10.6		6.9			120
125	33.2	32.2	30.2	28	27.2		19.8	19		16.3	15.6		11.4	10.5		6.9	6		125
130		32.2	30.6	28	27.2	25	19.8	19		16.3	15.5		11.4	10.4		6.9	6		130
135		32.2	31		27.1	25.2		19		16.3	15.4		11.4	10.3		6.9	5.9		135
140		32.2	30.9		27.1	25.2		19	18.5		15.4			10.3		6.9	5.8		140
145		32.2	29.7		27.1	24.7		19	18.4		15.4			10.2			5.8		145
150			28.5		27.1	24.1		19	18.3		15.4	14.6		10.2			5.8		150
155			27.3			23.6		19	18.2		15.4	14.6		10.2			5.8		155
160			26.2			23.2			18.2			14.5		10.2	9.6		5.8		160
165						22.7			18.1			14.2			9.7		5.8		165
170									17.9			13.9			9.8			5.3	170
175									17.6			13.6			9.7			5.4	175
180												13.3			9.6			5.6	180
185															9.3			5.7	185
190																		5.8	190

\* adapter - pièce d'adaptateur

t\_240\_004\_50601\_00\_000

# Lifting capacities Forces de levage

TN

↙ ↘	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			↙ ↘
	126 ft			126 ft			126 ft			126 ft			126 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
50	49.1															50
55	48.5			46.3						43.1						55
60	47.9			45.8						42.7			38.6		34	60
65	47.3			45.4						42.4			38.4		34	65
70	46.5			45						42.1			38.2		33.9	70
75	45.8	45.4		44.5	43.9					41.8			38		33.8	75
80	45.2	44.6		44.1	43.7			41.6	40.6				37.9		33.7	80
85	44.6	43.8		43.7	43.1			41.4	40.7				37.7	36.5	33.6	85
90	44.2	43		43.4	42.5			41.2	40.4				37.6	36.6	33.5	90
95	43.8	42.4	42	43.1	41.9			41.1	40.1				37.5	36.6	33.5	95
100	43.1	41.8	41.2	42.8	41.4	41		41	39.8				37.5	36.5	33.5	100
105	42.1	41.4	40.4	41.9	40.9	40.4		40.7	39.4	38.4			37.5	36.3	33.5	105
110	40	41.1	39.7	40.8	40.7	39.7		40.1	39.1	38.5			37.5	36.2	33.5	110
115	36	40.7	39	38.4	40.5	39.2		39.2	39	38			37.5	36.1	34.6	115
120	31.6	39.6	38.5	35.3	40	38.8		37.4	38.8	37.6			37.3	36.1	34.9	120
125	26.9	36.4	38.2	31.1	39.1	38.5		34.4	38.6	37.2			36.6	36	34.9	125
130		32.4	37.8	26.2	36.9	38.4		29.9	38.2	37			33.3	36	34.7	130
135		27	36.1		33.2	38.4			37	36.8			28.7	36	34.5	135
140			32.2		28	37.5			33.8	36				35.9	34.2	140
145						34.6				34.4				34	33	145
150						28.9				33				29.3	31.7	150
155										31					30.4	155
160															29.2	160
165																165

\* adapter - pièce d'adaptateur

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↙ ↘	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			208 + 11.5 ft*			↙ ↘		
	126 ft			126 ft			126 ft			126 ft			126 ft			126 ft					
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°			
65	29.6																		65		
70	29.6			24.7						18.2									70		
75	29.6			24.7						18.1			14.8						75		
80	29.5			24.7						18			14.7			10.3		5.8	80		
85	29.4			24.6						17.9			14.6			10.1		5.8	85		
90	29.4			24.6						17.8			14.6			10		5.7	90		
95	29.4			24.6						17.7			14.5			9.9		5.6	95		
100	29.3	28.1		24.6						17.7			14.4			9.8		5.5	100		
105	29.3	28.3		24.6	23.4					17.6			14.4			9.7		5.4	105		
110	29.3	28.4		24.6	23.5					17.5	17.1		14.3			9.6		5.4	110		
115	29.3	28.5		24.6	23.7					17.5	16.9		14.3	13.5		9.5		5.3	115		
120	29.3	28.5		24.6	23.9					17.5	16.8		14.2	13.4		9.5		5.3	120		
125	29.3	28.5		24.6	23.9					17.5	16.8		14.2	13.3		9.5	8.6	5.2	125		
130	29.3	28.5	26.5	24.6	24					17.5	16.8		14.2	13.2		9.4	8.6	5.2	130		
135	29.3	28.4	26.8	24.6	24					17.5	16.8		14.2	13.1		9.4	8.5	5.2	135		
140	29	28.4	27.2	24.6	24.1	22.1				17.5	16.8		14.2	13.1		9.4	8.4	5.2	140		
145		28.4	27.5		24.1	22.4				17.5	16.8	16.4	14.2	13.1		9.4	8.4	5.2	145		
150		28.4	27.7		24.1	22.4					16.8	16.3		13.1			8.4	5.2	150		
155		28.4	26.9		24.1	22.2					16.8	16.2		13.1	12.3		8.4	4.2	155		
160			25.9		24.1	21.8					16.8	16.1		13.1	12.5		8.4	4.2	160		
165			24.8			21.4					16.8	16.1		13.1	12.6		8.4	7.9	4.2	165	
170			23.9			21					16	16		13.1	12.6		8.4	8	4.2	170	
175						20.7					16	16			12.5		8.4	8.1	4.2	175	
180						20.1					16	16			12.4			8.2	4	180	
185											15.9				12.1				8.3	4.2	185
190															11.9				8.3	4.3	190
195																			8.1	4.3	195
200																				4.2	200

\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TN



↙ ↘	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 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°	
55	43.2			41												55
60	42.7			40.7												60
65	42.1			40.3												65
70	41.6			40												70
75	41			39.6												75
80	40.5	40.3		39.2	38.6											80
85	40	39.6		38.9	38.5											85
90	39.5	38.9		38.6	38.2											90
95	38.9	38.2		38.3	37.7											95
100	38	37.7	37.6	37.6	37.2											100
105	37.2	37.2	36.8	36.9	36.8	36.4										105
110	35.9	36.7	36.2	35.9	36.5	36										110
115	34.7	35.9	35.6	34.7	36	35.5										115
120	33.2	35	35.1	33.6	35.1	34.9										120
125	31.3	33.8	34.6	32.5	34.3	34.6										125
130	28.5	32.7	33.9	31.1	33.2	34.2										130
135	24.7	31.6	32.9	28	32.1	33.5										135
140	20.1	29.2	31.9	24.2	31.2	32.7										140
145		25.2	30.9		29.3	31.7										145
150			29		26	30.8										150
155						29.9										155
160						27.4										160
165																165
170																170
175																175
180																180

\* adapter - pièce d'adaptateur

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↙ ↘	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 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°	
70	26.1			21.9												70
75	26			21.9												75
80	25.9			21.8												80
85	25.9			21.8												85
90	25.8			21.8												90
95	25.8			21.8												95
100	25.8			21.8												100
105	25.7	24.7		21.8												105
110	25.7	24.8		21.8	20.7											110
115	25.7	24.9		21.8	20.8											115
120	25.7	25		21.8	21											120
125	25.7	25		21.8	21.1											125
130	25.7	25		21.8	21.2											130
135	25.7	25	23.1	21.8	21.2											135
140	25.7	24.9	23.3	21.8	21.3											140
145	25.3	24.9	23.6	21.8	21.2	19.4										145
150	24.9	24.9	23.9	21.8	21.2	19.6										150
155		24.9	24.2		21.2	19.9										155
160		24.9	24.3		21.2	20.1										160
165		24.9	24.3		21.2	20										165
170			23.8		21.2	19.7										170
175			22.9			19.4										175
180			22			19.1										180
185			21.2			18.8										185
190						18.3										190
195																195
200																200
205																205

\* adapter - pièce d'adaptateur



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# Lifting capacities Forces de levage

TN



	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*				
	149 ft			149 ft			149 ft			149 ft			149 ft				
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°		
60	37.8			35.9												60	
65	37.4			35.7					33.3							65	
70	36.9			35.4					33.1					26.5		70	
75	36.5			35.1					32.8					26.3		75	
80	36.1			34.8					32.6					26.3		80	
85	35.8	35.5		34.5	33.7				32.4					26.2		85	
90	35.4	35.1		34.3	33.7			32.2	31.3					26.1		90	
95	35	34.5		34	33.6			32.1	31.4					26		95	
100	34.6	34		33.8	33.3			31.9	31.4					26	25	100	
105	34.3	33.5	33.4	33.6	33			31.8	31.2					25.9	25.1	105	
110	34.1	33.1	32.9	33.5	32.7	31.7		31.7	31.1					25.9	25.2	110	
115	33.8	32.6	32.2	33.3	32.4	31.9		31.6	30.9					25.9	25.3	115	
120	33.6	32.3	31.7	33.2	32.1	31.6		31.6	30.7	29.5				25.9	25.2	120	
125	33.3	32.1	31.3	33	31.9	31.2		31.5	30.6	29.7				25.9	25.1	125	
130	31.4	32	30.9	32.4	31.7	30.9		31.5	30.5	29.8				25.9	25.1	130	
135	28.6	32	30.7	30.5	31.7	30.6		30.8	30.4	29.6				25.9	25.1	23.5	135
140	25.7	31.3	30.5	28.3	31.7	30.4		29.7	30.3	29.4				25.9	25.1	23.7	140
145	22.6	29.2	30.4	25.5	31.2	30.2		27.8	30.3	29.2				25.9	25.1	24	145
150	19.2	26.5	30.2	22.3	29.6	30.1		24.8	30.2	29				25.9	25.1	24.3	150
155		23.4	29.1		27.3	30.1		21.4	29.7	29				25.6	25.1	24.3	155
160		18.7	26.8		24	29.8			27.8	29				24.1	25.1	24.3	160
165			23.1			28.5			24.6	28.7					25.1	24.3	165
170						25.3				27.6					25.1	24.3	170
175										26.4					24.9	23.8	175
180																22.9	180
185																22	185
190																21.2	190



\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TN



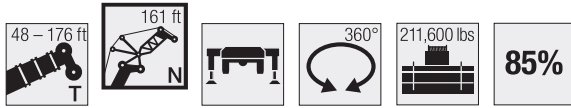
	128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			192 + 11.5 ft*			
	149 ft			149 ft			149 ft			149 ft			149 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
70	23.1															70
75	23.1			19.4												75
80	23			19.4			14.1									80
85	23			19.4			14			10.9			6.8			85
90	22.9			19.3			14			10.8			6.7			90
95	22.9			19.3			13.9			10.7			6.6			95
100	22.8			19.3			13.8			10.6			6.5			100
105	22.8			19.3			13.8			10.4			6.4			105
110	22.8	21.8		19.3			13.7			10.3			6.3			110
115	22.8	21.9		19.3	18.3		13.7			10.3			6.3			115
120	22.8	22.1		19.3	18.4		13.6	13.3		10.2			6.2			120
125	22.8	22.1		19.3	18.5		13.6	13.2		10.1	9.5		6.1			125
130	22.8	22.1		19.3	18.6		13.6	13.1		10.1	9.4		6.1			130
135	22.8	22.2		19.3	18.7		13.5	13		10	9.3		6.1	5.4		135
140	22.8	22.2	20.3	19.3	18.8		13.5	12.9		10	9.2		6	5.3		140
145	22.8	22.2	20.5	19.3	18.8		13.5	12.8		10	9.2		6	5.2		145
150	22.8	22.2	20.7	19.3	18.8	17	13.5	12.8		10	9.2		6	5.2		150
155	22.8	22.3	21	19.3	18.8	17.2	13.5	12.8		10	9.2		6	5.2		155
160	22.8	22.3	21.2	19.3	18.7	17.4	13.5	12.8	12.5	10	9.2		6	5.2		160
165		22.3	21.4	19.3	18.7	17.7	13.5	12.8	12.5	10	9.2		6	5.2		165
170		22.3	21.6		18.7	17.8		12.8	12.4	10	9.2	8.9	6	5.2		170
175		22.3	21.7		18.7	17.9		12.8	12.4		9.2	9		5.2		175
180		22.3	21.7		18.7	17.8		12.8	12.4		9.2	9.2		5.2	5.1	180
185			21		18.7	17.6		12.8	12.3		9.2	9.3		5.2	5.2	185
190			20.2			17.3			12.3		9.2	9.3		5.2	5.3	190
195			19.4			17.1			12.3			9.2		5.2	5.3	195
200						16.7			12.3			9.2			5.4	200
205									12.3			9.2			5.3	205
210												9.2			5.3	210
215												9.1			5.3	215
220															5.3	220

\* adapter - pièce d'adaptateur

t\_240\_004\_50901\_00\_000

# Lifting capacities Forces de levage

TN



	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			
	161 ft									161 ft									161 ft									
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
65	33.3			31.7																							65	
70	33			31.5																							70	
75	32.6			31.2																							75	
80	32.3			31																							80	
85	32			30.7																							85	
90	31.6	31.3		30.5	29.7																						90	
95	31.3	31.2		30.3	29.7																						95	
100	30.9	30.7		30	29.7																						100	
105	30.6	30.3		29.8	29.5																						105	
110	30.3	29.8	29.4	29.7	29.3																						110	
115	30.1	29.5	29.3	29.5	29.1																						115	
120	29.9	29.1	28.9	29.4	28.8	27.9																					120	
125	29.8	28.8	28.4	29.2	28.5	28																					125	
130	29.7	28.6	28	29	28.3	27.9																					130	
135	29.5	28.4	27.6	28.7	28.1	27.6																					135	
140	27.8	28.3	27.3	28.1	28	27.3																					140	
145	25.6	28.3	27.1	26.9	27.9	27.1																					145	
150	23.2	27.7	26.9	25.4	27.9	26.9																					150	
155	20.6	26.1	26.9	23	27.5	26.7																					155	
160	17.8	24	26.9	20.4	26.5	26.6																					160	
165		21.4	26.1	17.2	24.7	26.6																					165	
170		18	24.4		22.1	26.5																					170	
175			21.6			25.8																					175	
180						23.4																					180	
185																											185	
190																											190	
195																											195	
200																											200	
205																											205	
210																											210	
215																											215	
220																											220	
225																											225	

\* adapter - pièce d'adaptateur

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# Lifting capacities

## Forces de levage

TN



	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			176 + 11.5 ft*			
	172 ft			172 ft			172 ft			172 ft			172 ft			172 ft			172 ft			172 ft			172 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
65	29.8																											65
70	29.5			28.1			26.1																					70
75	29.2			27.9			25.9			23.5			20.8															75
80	28.9			27.6			25.7			23.4			20.8			18.1												80
85	28.6			27.4			25.6			23.3			20.7			18.1			15.1			10.7						85
90	28.3			27.2			25.4			23.1			20.6			18			15.1			10.6			7.3			90
95	28	27.6		27			25.2			23			20.6			18			15.1			10.6			7.1			95
100	27.7	27.6		26.8	26.2		25.1	24.3		22.9			20.5			17.9			15.1			10.5			7			100
105	27.4	27.3		26.6	26.3		25	24.3		22.8	22		20.4			17.9			15			10.4			6.9			105
110	27.1	27		26.4	26.1		24.8	24.3		22.7	22		20.4	19.6		17.9			15			10.3			6.8			110
115	26.8	26.6		26.3	26		24.7	24.3		22.7	22.1		20.3	19.7		17.9			15			10.2			6.8			115
120	26.7	26.3	25.9	26.1	25.7		24.6	24.2		22.6	22.1		20.3	19.7		17.8	17.1		15			10.1			6.7			120
125	26.5	25.9	25.8	25.9	25.5	24.5	24.3	24.1		22.5	22.1		20.3	19.8		17.8	17.2		15	14.2		10			6.6			125
130	26.3	25.6	25.5	25.7	25.4	24.6	24.1	24	22.7	22.4	22		20.3	19.8		17.8	17.2		15	14.3		10	9.4		6.5			130
135	26.1	25.4	25.1	25.4	25.2	24.7	23.9	23.8	22.8	22.3	22		20.3	19.7		17.8	17.3		15	14.3		9.9	9.4		6.5	5.7		135
140	25.9	25.2	24.8	25.2	25	24.6	23.7	23.7	22.9	22.2	21.9	20.5	20.3	19.7		17.8	17.3		15	14.3		9.9	9.3		6.4	5.7		140
145	25.6	25.1	24.5	25	24.9	24.4	23.4	23.5	23	22	21.8	20.6	20.2	19.7	18.1	17.8	17.3		15	14.3		9.9	9.2		6.4	5.7		145
150	24.3	25	24.3	24.5	24.8	24.2	23.2	23.3	23	21.8	21.7	20.8	20.1	19.6	18.3	17.8	17.3		15	14.3		9.9	9.2		6.4	5.7		150
155	22.8	25	24.1	23.7	24.6	24	23.1	23.1	22.9	21.7	21.6	21	20.1	19.6	18.4	17.8	17.3	15.7	15	14.3		9.9	9.2		6.4	5.8		155
160	20.9	24.5	23.9	22.9	24.4	23.8	23	22.9	22.8	21.6	21.5	21.1	20	19.6	18.6	17.8	17.3	15.8	15	14.3		9.9	9.2		6.4	5.9		160
165	18.7	23.3	23.9	20.8	24	23.7	22.4	22.7	22.7	21.5	21.4	21.1	19.9	19.6	18.8	17.8	17.3	16	15	14.3	13.1	9.9	9.2		6.4	6		165
170	16.3	21.7	23.8	18.6	23.5	23.7	21	22.6	22.6	21.2	21.2	21.1	19.9	19.6	18.9	17.8	17.3	16.2	15	14.3	13.2	9.9	9.2	9.1	6.4	6.1		170
175		19.5	23.3	16.1	22.4	23.7	19.1	22.5	22.4	20.6	21.1	21	19.9	19.5	19	17.8	17.3	16.4	15	14.3	13.4	9.9	9.2	9.2	6.4	6.2		175
180		16.9	22.1		20.2	23.7		22.2	22.3	18.6	21.1	20.9	19.5	19.4	19	17.8	17.3	16.6	15	14.3	13.6	9.9	9.2	9.2	6.4	6.3	5.7	180
185			19.9		17.4	23.2		21.3	22.2		21.1	20.8		19.4	19	17.8	17.3	16.7	15	14.3	13.7	9.9	9.2	9.2	6.4	6.4	5.8	185
190			16.5			21.4		18.8	22.2		21.1	20.7		19.4	19		17.3	16.8		14.3	13.9	9.9	9.2	9.2	6.4	6.5	5.9	190
195						18.4			22.2		19	20.7		19.4	19		17.3	16.8		14.3	14.1		9.2	9.2		6.5	6	195
200									21.1			20.7		19.3	19		17.3	16.8		14.3	14.1		9.2	9.2		6.4	6.1	200
205											20				18.4		16.8		14.3	14.1		9.2	9.2		6.4	6.2	205	
210															17.7		16.7			14		9.2	9.2		6.4	6.4	210	
215																	16.2				13.9		9.2		6.4	6.5	215	
220																	15.6				13.7		9.2		6.4	6.4	220	
225																					13.2		9.2		6.4	6.4	225	
230																							9.2		6.4	6.4	230	
235																								9.2		6.4	6.4	235

\* adaptateur - pièce d'adaptateur

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# Lifting capacities Forces de levage

TN



↙ ↘	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			↙ ↘
	184 ft			184 ft			184 ft			184 ft			184 ft			184 ft			184 ft			184 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	26.1																							70	
75	25.9			24.7			23																	75	
80	25.6			24.5			22.9			20.8			18.4											80	
85	25.3			24.3			22.7			20.6			18.3			15.9								85	
90	25.1			24.1			22.6			20.5			18.3			15.9			13.2			8.9		90	
95	24.8			23.9			22.4			20.4			18.2			15.9			13.2			8.8		95	
100	24.6	24.1		23.7			22.3			20.3			18.1			15.8			13.2			8.7		100	
105	24.3	24.1		23.5	23		22.2	21.5		20.2			18.1			15.8			13.2			8.6		105	
110	24	24		23.3	23		22	21.5		20.1			18			15.8			13.1			8.5		110	
115	23.7	23.8		23	22.9		21.8	21.5		20.1	19.4		18	17.3		15.7			13.1			8.4		115	
120	23.4	23.5		22.7	22.8		21.7	21.5		20	19.5		17.9	17.3		15.7			13			8.3		120	
125	23.1	23.2	22.6	22.5	22.6		21.5	21.4		19.9	19.5		17.9	17.4		15.7	15		12.9			8.2		125	
130	22.9	22.9	22.6	22.2	22.4	21.4	21.3	21.3		19.8	19.5		17.9	17.4		15.7	15		12.9	12		8.2		130	
135	22.6	22.7	22.5	22	22.1	21.4	21	21.1		19.7	19.4		17.8	17.4		15.7	15.1		12.8	12		8.1	7.4	135	
140	22.3	22.4	22.2	21.7	21.8	21.5	20.8	20.9	19.9	19.5	19.4		17.8	17.4		15.7	15.1		12.7	12		8.1	7.4	140	
145	22.1	22.1	21.9	21.4	21.6	21.5	20.6	20.7	20	19.3	19.3	17.9	17.7	17.3		15.7	15.2		12.7	12		8.1	7.4	145	
150	21.8	21.9	21.7	21.2	21.3	21.4	20.4	20.5	20.1	19.1	19.1	18	17.7	17.3	15.8	15.7	15.2		12.7	12.1		8.1	7.5	150	
155	21.6	21.6	21.5	21	21.1	21.2	20.2	20.2	20.2	19	19	18.1	17.5	17.3	16.1	15.7	15.1		12.7	12.2		8.1	7.5	155	
160	21.2	21.5	21.3	20.8	20.8	21	20	20	20.1	18.8	18.9	18.3	17.4	17.2	16.1	15.7	15.1	13.7	12.7	12.3		8.1	7.6	160	
165	20.8	21.3	21.1	20.7	20.6	20.7	19.9	19.8	19.9	18.6	18.7	18.5	17.3	17.1	16.2	15.6	15.1	13.8	12.7	12.4		8.1	7.7	165	
170	19.7	21.1	21	20.6	20.5	20.5	19.8	19.7	19.7	18.5	18.5	18.5	17.2	17.1	16.4	15.6	15.1	13.9	12.7	12.6	11.3	8.1	7.8	170	
175	17.7	21	20.9	19.2	20.3	20.3	19.4	19.5	19.5	18.5	18.4	18.3	17.1	17	16.5	15.5	15.1	14.1	12.7	12.7	11.4	8.1	7.9	175	
180	15.6	20.4	20.8	17.6	20.3	20.2	18.6	19.4	19.4	18.4	18.2	18.2	17	16.9	16.6	15.5	15.1	14.2	12.7	12.7	11.6	8.1	8	7.5	180
185	13	18.5	20.8	15.6	19.9	20	17.4	19.4	19.2	18.3	18.1	18.1	17	16.8	16.6	15.4	15.1	14.4	12.7	12.8	11.7	8.1	8	7.6	185
190		16.2	20.4		19	20	15.2	19.3	19.1	17	18.1	18	17	16.7	16.6	15.4	15.1	14.6	12.7	12.8	11.9	8.1	8.1	7.7	190
195			18.9		16.9	20		19.1	19.1		18.1	17.9	16	16.7	16.5	15.3	15.1	14.7	12.7	12.7	12	8.1	8.1	7.7	195
200			16.5			19.7		17.3	19.1		18.1	17.8		16.7	16.5		15.1	14.8		12.7	12.2	8.1	8.1	7.7	200
205						18			19.1		17.3	17.8		16.7	16.4		15.1	14.8		12.7	12.4		8.1	7.7	205
210									18.8			17.8		16.7	16.4		15.1	14.8		12.7	12.5		8.1	7.8	210
215												17.8			16.4		15.1	14.8		12.7	12.5		8.1	7.8	215
220															16.1			14.9			12.4		8.1	7.8	220
225															15.6			14.7			12.2			7.8	225
230																		14.1			12.2			7.9	230
235																				11.8				7.9	235
240																								8	240

\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TN



	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			160 + 11.5 ft*			
	195 ft			195 ft			195 ft			195 ft			195 ft			195 ft			195 ft						
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
75	22.9			21.8						18.3															75
80	22.6			21.6			20.2			18.2															80
85	22.4			21.4			20.1			18.2			16.2												85
90	22.2			21.3			19.9			18.1			16.1			14			11.5						90
95	22			21.1			19.8			18			16.1			14			11.5			7.3			95
100	21.8			20.9			19.7			17.9			16			13.9			11.6			7.2			100
105	21.5	21		20.7			19.5			17.9			15.9			13.9			11.5			7.1			105
110	21.3	21		20.6	20.1		19.4			17.8			15.9			13.9			11.4			7			110
115	21	20.9		20.4	20.1		19.3	18.8		17.7			15.8			13.8			11.3			6.9			115
120	20.7	20.8		20.1	20		19.1	18.8		17.6	17		15.8			13.8			11.2			6.8			120
125	20.3	20.5		19.8	20		18.9	18.8		17.5	17.1		15.7	15.2		13.8			11.1			6.7			125
130	20.1	20.2	19.6	19.5	19.7		18.7	18.8		17.4	17.1		15.7	15.2		13.7	13.1		11			6.6			130
135	19.8	20	19.6	19.3	19.4		18.5	18.6		17.3	17.1		15.6	15.3		13.7	13.2		11	10.2		6.6			135
140	19.6	19.7	19.6	19.1	19.2	18.7	18.3	18.4		17.2	17		15.6	15.3		13.7	13.2		10.9	10.2		6.6	6		140
145	19.3	19.4	19.6	18.8	19	18.7	18.1	18.2	17.3	17	17		15.5	15.3		13.7	13.3		10.9	10.2		6.5	6		145
150	19.1	19.2	19.3	18.6	18.7	18.7	17.9	18	17.4	16.8	16.9	15.6	15.5	15.2		13.7	13.3		10.9	10.3		6.5	6		150
155	18.9	18.9	19.1	18.4	18.5	18.6	17.7	17.8	17.5	16.6	16.7	15.7	15.4	15.2		13.7	13.2		10.9	10.3		6.5	6		155
160	18.7	18.7	18.8	18.2	18.3	18.4	17.5	17.6	17.5	16.5	16.6	15.7	15.3	15.1	13.9	13.7	13.2		10.9	10.4		6.5	6.1		160
165	18.5	18.5	18.6	18	18.1	18.2	17.3	17.4	17.5	16.3	16.4	15.9	15.1	15.1	14	13.7	13.2	11.9	10.9	10.5		6.5	6.2		165
170	18.4	18.3	18.4	17.8	17.9	17.9	17.1	17.2	17.3	16.2	16.3	16	15	15	14.1	13.6	13.2	12	10.9	10.6		6.5	6.3		170
175	18.2	18.2	18.2	17.7	17.7	17.7	17	17	17.1	16	16.1	16.1	14.9	14.9	14.2	13.5	13.2	12.1	10.9	10.8	9.8	6.5	6.4		175
180	17.5	18.1	18	17.6	17.6	17.6	16.9	16.9	16.9	16	15.9	16	14.8	14.7	14.3	13.5	13.2	12.2	10.9	10.9	9.9	6.5	6.5		180
185	16	18	17.9	16.8	17.4	17.4	16.7	16.7	16.8	15.9	15.8	15.8	14.8	14.6	14.4	13.4	13.2	12.3	10.9	10.9	10	6.5	6.6	6.1	185
190	14.3	17.6	17.8	15.9	17.3	17.3	16.4	16.6	16.6	15.9	15.7	15.7	14.7	14.5	14.4	13.4	13.2	12.5	10.9	11	10.1	6.5	6.6	6.2	190
195	12.2	16.6	17.7	14.3	17.2	17.2	15.8	16.6	16.5	15.9	15.6	15.6	14.7	14.5	14.4	13.3	13.2	12.6	10.9	11.1	10.2	6.5	6.5	6.3	195
200		15	17.6		16.9	17.1	14.1	16.6	16.4	15.2	15.6	15.4	14.7	14.4	14.3	13.3	13.1	12.8	10.9	11.1	10.3	6.5	6.5	6.4	200
205		12.4	17.1		15.6	17.1		16.6	16.3		15.5	15.4	14.4	14.4	14.2	13.3	13.1	12.9	10.9	11.1	10.5	6.5	6.5	6.5	205
210			15.4			17.1		15.7	16.3		15.5	15.3		14.4	14.2		13.1	12.8	10.9	11	10.7	6.5	6.5	6.6	210
215						16.5			16.3		15.4	15.3		14.4	14.2		13.1	12.8		11	10.8		6.5	6.5	215
220									16.3			15.3		14.4	14.1		13.1	12.8		11	10.9		6.5	6.5	220
225									15.1			15.3			14.1		13.1	12.8		11	11		6.5	6.5	225
230												15.3			14.1			12.8		11	11		6.5	6.5	230
235														14.1				12.8			11		6.5	6.5	235
240																		12.8					6.5		240
245																					10.7			6.5	245
250																								6.5	250
255																								6.5	255

\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TN



	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*				
	207 ft			207 ft			207 ft			207 ft			207 ft			207 ft			207 ft				
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°		
80	20.2			19.2																		80	
85	20			19.1						17.8			16.1									85	
90	19.8			18.9						17.7			16			14.2			12.1			90	
95	19.6			18.7						17.5			15.9			14.1			12.1			95	
100	19.4			18.6						17.4			15.8			14.1			12.1			100	
105	19.1			18.4						17.3			15.8			14			12.1			105	
110	18.9	18.5		18.2						17.2			15.7			14			12.1			110	
115	18.6	18.4		18.1	17.7					17.1			15.6			13.9			12.1			115	
120	18.4	18.4		17.8	17.6					16.9	16.5		15.5			13.9			12			120	
125	18.1	18.2		17.6	17.6					16.7	16.5		15.4	14.9		13.8			12			125	
130	17.8	18		17.3	17.5					16.5	16.5		15.3	14.9		13.7	13.3		12			130	
135	17.5	17.7	17.1	17.1	17.3					16.3	16.5		15.2	15		13.7	13.3		11.9	11.3		135	
140	17.3	17.4	17.1	16.8	17					16.1	16.3		15.1	15		13.7	13.3		11.9	11.3		140	
145	17	17.2	17.1	16.6	16.8	16.2				15.9	16.1		15	14.9		13.6	13.3		11.9	11.4		145	
150	16.8	16.9	17.1	16.4	16.5	16.3				15.7	15.9	15.1	14.8	14.9		13.5	13.3		11.8	11.4		150	
155	16.6	16.7	16.9	16.1	16.3	16.3				15.5	15.7	15.1	14.6	14.7		13.4	13.2		11.8	11.4		155	
160	16.4	16.5	16.6	15.9	16	16.2				15.3	15.4	15.2	14.4	14.6	13.6	13.3	13.2		11.8	11.5		160	
165	16.2	16.2	16.4	15.7	15.8	16				15.1	15.2	15.2	14.2	14.4	13.7	13.2	13.1	12	11.8	11.5		165	
170	16	16	16.1	15.6	15.6	15.8				15	15.1	15.1	14.1	14.2	13.7	13	13	12.1	11.8	11.4		170	
175	15.8	15.8	15.9	15.4	15.4	15.6				14.8	14.9	15	13.9	14	13.8	12.9	12.9	12.2	11.7	11.4	10.3	175	
180	15.7	15.7	15.7	15.3	15.3	15.4				14.7	14.7	14.8	13.8	13.9	13.8	12.8	12.8	12.3	11.6	11.4	10.4	180	
185	15.6	15.5	15.6	15.2	15.2	15.2				14.6	14.5	14.6	13.7	13.7	13.7	12.7	12.7	12.4	11.5	11.4	10.5	185	
190	15.1	15.4	15.4	15	15	15				14.5	14.4	14.5	13.7	13.6	13.6	12.6	12.6	12.4	11.4	11.4	10.6	190	
195	14	15.3	15.3	14.6	14.9	14.9				14.4	14.3	14.3	13.6	13.5	13.5	12.6	12.5	12.4	11.4	11.3	10.7	195	
200	12.9	15.2	15.2	14.1	14.8	14.8				14.4	14.2	14.2	13.6	13.4	13.4	12.5	12.4	12.4	11.4	11.3	10.8	200	
205	11.2	14.6	15.2	13	14.8	14.7				14.1	14.2	14.1	13.6	13.4	13.3	12.5	12.3	12.3	11.4	11.2	10.9	205	
210		13.7	15.1	11.3	14.8	14.7				12.7	14.2	14	13.3	13.3	13.2	12.5	12.3	12.2	11.4	11.2	11	210	
215		11.6	15		14.1	14.6					14.2	14	12.2	13.3	13.2	12.3	12.3	12.2	11.3	11.1	11	215	
220			14.1			14.6					13.8	14		13.3	13.1		12.3	12.1	10.8	11.1	11	220	
225					14.4						12.4	13.9		13.3	13.1		12.3	12.1		11.1	10.9	225	
230												13.9			13.1		12.3	12		11.1	10.9	230	
235												13.8			13.1		12	12		11.1	10.9	235	
240															13.1		12	12		10.9	9.3	240	
245																	12	12		10.9	9.3	245	
250																			10.9			250	
255																					9.3	255	
260																						9.2	260

\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TN



Lifting Hook	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			Lifting Hook			
	218 ft			218 ft			218 ft			218 ft			218 ft			218 ft			218 ft						
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°				
80	17.9																					80			
85	17.8			17																			85		
90	17.7			16.9									14.2			12.3							90		
95	17.5			16.7									14.1			12.3			10.4				95		
100	17.3			16.6									14			12.3			10.4			8.1	100		
105	17.1			16.4									14			12.2			10.4			8	105		
110	16.9			16.3									13.9			12.2			10.4			7.9	110		
115	16.7	16.4		16.1									13.8			12.2			10.4			7.8	115		
120	16.4	16.3		15.9	15.6								13.7			12.2			10.4			7.6	120		
125	16.2	16.2		15.7	15.6			15	14.5				13.6			12.1			10.4			7.6	125		
130	16	16.1		15.5	15.5			14.8	14.5				13.6	13.1		12.1			10.3			7.5	130		
135	15.7	15.8		15.3	15.4			14.6	14.5				13.5	13.1		12	11.5		10.3			7.4	135		
140	15.4	15.6		15	15.2			14.4	14.5				13.3	13.1		12	11.5		10.3	9.8		7.4	140		
145	15.2	15.4	15.1	14.8	15			14.2	14.4				13.2	13.1		12	11.6		10.3	9.9		7.4	6.8	145	
150	15	15.1	15.1	14.6	14.7	14.2		14	14.2				13.1	13.1		11.9	11.6		10.3	9.9		7.4	6.8	150	
155	14.8	14.9	15	14.4	14.5	14.3	13.8	14	13.2				13	13		11.9	11.5		10.3	9.9		7.4	6.9	155	
160	14.6	14.7	14.8	14.2	14.3	14.3	13.6	13.8	13.2	12.8	12.9		12.8	12.9		11.7	11.5		10.2	9.9		7.4	7	160	
165	14.4	14.5	14.6	14	14.1	14.2	13.4	13.6	13.3	12.6	12.7	11.9	12.6	12.7	11.9	11.6	11.5		10.2	9.9		7.4	7	165	
170	14.2	14.3	14.4	13.8	13.9	14	13.2	13.3	13.3	12.4	12.6	11.9	12.4	12.6	11.9	11.5	11.4	10.4	10.2	9.9		7.4	7.1	170	
175	14	14.1	14.2	13.7	13.7	13.8	13.1	13.1	13.2	12.3	12.4	12	12.3	12.4	12	11.3	11.3	10.5	10.2	9.9		7.4	7.2	175	
180	13.8	13.9	14	13.5	13.5	13.6	13	13	13.1	12.2	12.2	12	12.2	12.2	12	11.2	11.2	10.6	10.1	9.9	8.8	7.4	7.3	180	
185	13.7	13.7	13.8	13.3	13.4	13.4	12.8	12.8	13	12.1	12.1	12	12.1	12.1	12	11.2	11.2	10.6	10.1	9.9	8.8	7.4	7.3	185	
190	13.6	13.6	13.6	13.2	13.2	13.3	12.7	12.7	12.8	11.9	12	12	11.9	12	12	11.1	11.1	10.7	10	9.9	8.9	7.4	7.4	7	190
195	13.5	13.5	13.5	13.1	13.1	13.1	12.6	12.6	12.7	11.9	11.9	11.9	11	11	10.8	9.9	9.8	9	9.9	9.8	9	7.4	7.5	7.1	195
200	13.2	13.4	13.4	13.1	13	13	12.5	12.5	12.5	11.8	11.8	11.8	10.9	10.9	10.8	9.9	9.8	9.1	9.9	9.8	9.1	7.4	7.6	7.2	200
205	12.4	13.3	13.3	12.8	12.9	12.9	12.5	12.4	12.4	11.8	11.7	11.7	10.9	10.8	10.8	9.8	9.7	9.3	9.8	9.7	9.3	7.4	7.6	7.3	205
210	11.5	13.2	13.2	12.5	12.8	12.8	12.5	12.3	12.3	11.7	11.6	11.6	10.9	10.7	10.7	9.8	9.7	9.4	9.8	9.7	9.4	7.4	7.5	7.3	210
215	10.2	12.8	13.1	11.7	12.8	12.7	12.4	12.3	12.2	11.7	11.5	11.5	10.9	10.6	10.6	9.8	9.6	9.4	9.8	9.6	9.4	7.4	7.5	7.4	215
220		12.4	13.1	10.2	12.8	12.7	11.5	12.2	12.1	11.6	11.5	11.4	10.8	10.6	10.6	9.7	9.6	9.5	9.7	9.6	9.5	7.4	7.5	7.5	220
225		10.6	13.1		12.5	12.6		12.2	12.1	11.1	11.5	11.4	10.5	10.6	10.5	9.5	9.6	9.5	9.5	9.6	9.5	7.4	7.5	7.5	225
230			12.7		11.2	12.6		12.2	12.1		11.5	11.3		10.6	10.4	9	9.6	9.4	9.6	9.6	9.4	7.4	7.5	7.6	230
235			10.7			12.6		11.4	12		11.5	11.3		10.6	10.4		9.6	9.4	9.6	9.6	9.4		7.5	7.5	235
240						12			12		11.3	11.3		10.6	10.4		9.6	9.3	9.6	9.6	9.3		7.5	7.5	240
245									12			11.3		10.6	10.3		9.6	9.3	9.6	9.6	9.3		7.5	7.5	245
250												11.3					10.3				9.3		7.5	7.5	250
255																	10.3				9.3		7.5	7.5	255
260																					9.3		7.5	7.5	260
265																					9.3		7.5	7.5	265
270																							7.5	7.5	270

\* adapter - pièce d'adaptateur

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# Lifting capacities Forces de levage

TN



↙ ↘	48 + 11.5 ft*			64 + 11.5 ft*			80 + 11.5 ft*			96 + 11.5 ft*			112 + 11.5 ft*			128 + 11.5 ft*			144 + 11.5 ft*			↙ ↘
	230 ft			230 ft			230 ft			230 ft			230 ft			230 ft			230 ft			
	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	82°	75°	68°	
85	15.8																					85
90	15.6			14.9			13.7															90
95	15.5			14.7			13.7			12.2			10.5									95
100	15.3			14.6			13.6			12.1			10.5			8.8			6.5			100
105	15.1			14.5			13.5			12.1			10.4			8.8			6.4			105
110	14.9			14.3			13.4			12			10.4			8.8			6.2			110
115	14.7			14.2			13.3			12			10.4			8.7			6.1			115
120	14.5	14.2		14			13.2			11.9			10.4			8.7			6			120
125	14.2	14.2		13.8	13.5		13.1			11.9			10.3			8.7			5.9			125
130	14	14.1		13.6	13.5		13	12.6		11.8			10.3			8.7			5.9			130
135	13.8	13.9		13.4	13.4		12.8	12.6		11.7	11.3		10.3			8.6			5.9			135
140	13.5	13.7		13.1	13.3		12.6	12.5		11.6	11.2		10.3	9.9		8.6			5.8			140
145	13.3	13.4		12.9	13.1		12.4	12.5		11.5	11.2		10.2	9.9		8.6	8.2		5.8			145
150	13	13.2	13	12.7	12.9		12.2	12.4		11.4	11.2		10.2	9.9		8.6	8.2		5.8	5.3		150
155	12.8	13	13	12.5	12.7	12.3	12	12.2		11.2	11.2		10.2	9.9		8.6	8.3		5.8	5.3		155
160	12.5	12.7	12.9	12.2	12.4	12.3	11.8	12		11.1	11.1		10.1	9.9		8.6	8.3		5.8	5.4		160
165	12.2	12.4	12.7	12	12.2	12.3	11.6	11.8	11.3	10.9	11		10.1	9.9		8.6	8.4		5.8	5.4		165
170	12	12.2	12.4	11.7	12	12.2	11.4	11.6	11.4	10.8	10.9	10.1	9.9	9.8		8.6	8.4		5.8	5.5		170
175	11.7	11.9	12.2	11.5	11.7	12	11.2	11.4	11.4	10.6	10.7	10.2	9.8	9.7		8.6	8.4		5.8	5.5		175
180	11.5	11.7	11.9	11.3	11.5	11.8	11	11.2	11.4	10.4	10.6	10.2	9.6	9.6	8.8	8.6	8.4		5.8	5.6		180
185	11.3	11.5	11.7	11.1	11.3	11.5	10.8	11	11.2	10.3	10.4	10.2	9.5	9.5	8.9	8.5	8.4	7.3	5.8	5.7		185
190	11.1	11.3	11.4	10.9	11.1	11.3	10.6	10.8	11.1	10.1	10.3	10.2	9.4	9.4	9	8.4	8.4	7.4	5.8	5.7		190
195	11	11.1	11.2	10.7	10.9	11.1	10.4	10.6	10.9	9.9	10.1	10.2	9.3	9.3	9	8.4	8.3	7.4	5.8	5.8	5.5	195
200	10.9	10.9	11	10.6	10.7	10.9	10.3	10.4	10.7	9.8	9.9	10.1	9.1	9.2	9.1	8.3	8.3	7.5	5.8	5.9	5.6	200
205	10.7	10.8	10.9	10.5	10.6	10.7	10.2	10.3	10.5	9.7	9.8	9.9	9	9.1	9.1	8.2	8.2	7.6	5.8	6	5.7	205
210	10.5	10.6	10.7	10.4	10.4	10.5	10	10.1	10.3	9.6	9.7	9.8	8.9	9	9.1	8.2	8.2	7.7	5.8	6	5.8	210
215	10.3	10.5	10.6	10.3	10.3	10.4	10	10	10.1	9.5	9.5	9.7	8.9	8.9	9	8.1	8.1	7.8	5.8	6	5.8	215
220	10	10.4	10.4	10.3	10.2	10.2	9.9	9.9	10	9.5	9.4	9.6	8.8	8.8	8.9	8.1	8	7.8	5.8	6	5.9	220
225	9	10.4	10.4	10	10.1	10.1	9.9	9.8	9.9	9.4	9.3	9.4	8.8	8.7	8.8	8	8	7.8	5.8	6	6	225
230	7.7	10.4	10.3	9	10.1	10	9.5	9.7	9.7	9.4	9.3	9.3	8.8	8.7	8.7	7.9	7.9	7.8	5.8	6	6	230
235		9.4	10.3		10.1	10	8.7	9.7	9.7	9.4	9.2	9.2	8.6	8.6	8.6	7.8	7.9	7.8	5.8	6	6	235
240			10.3		9.6	10		9.7	9.6		9.2	9.1	8	8.6	8.6	7.3	7.9	7.8	5.8	6	6	240
245						10		9.7	9.6		9.2	9.1		8.6	8.5		7.8	7.7		6	6	245
250						10			9.6		9.2	9.1		8.6	8.4		7.8	7.7		6	6	250
255									9.6			9		8.6	8.4		7.8	7.7		6	6	255
260												9			8.4		7.8	7.7		6	6	260
265												9				8.4		7.6		6	6	265
270																	8.4		7.6		6	270
275																		7.6			6	275
280																					6	280

\* adapter - pièce d'adaptateur

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# Lifting heights Hauteurs de levage

TN

