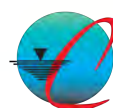


Mobile Crane/Grue mobile **LTM 1090-4.2**



CROFTON
CRANE RENTAL & RIGGING

All-Rounder – Ready for anything



110 USt



197 ft



203 ft

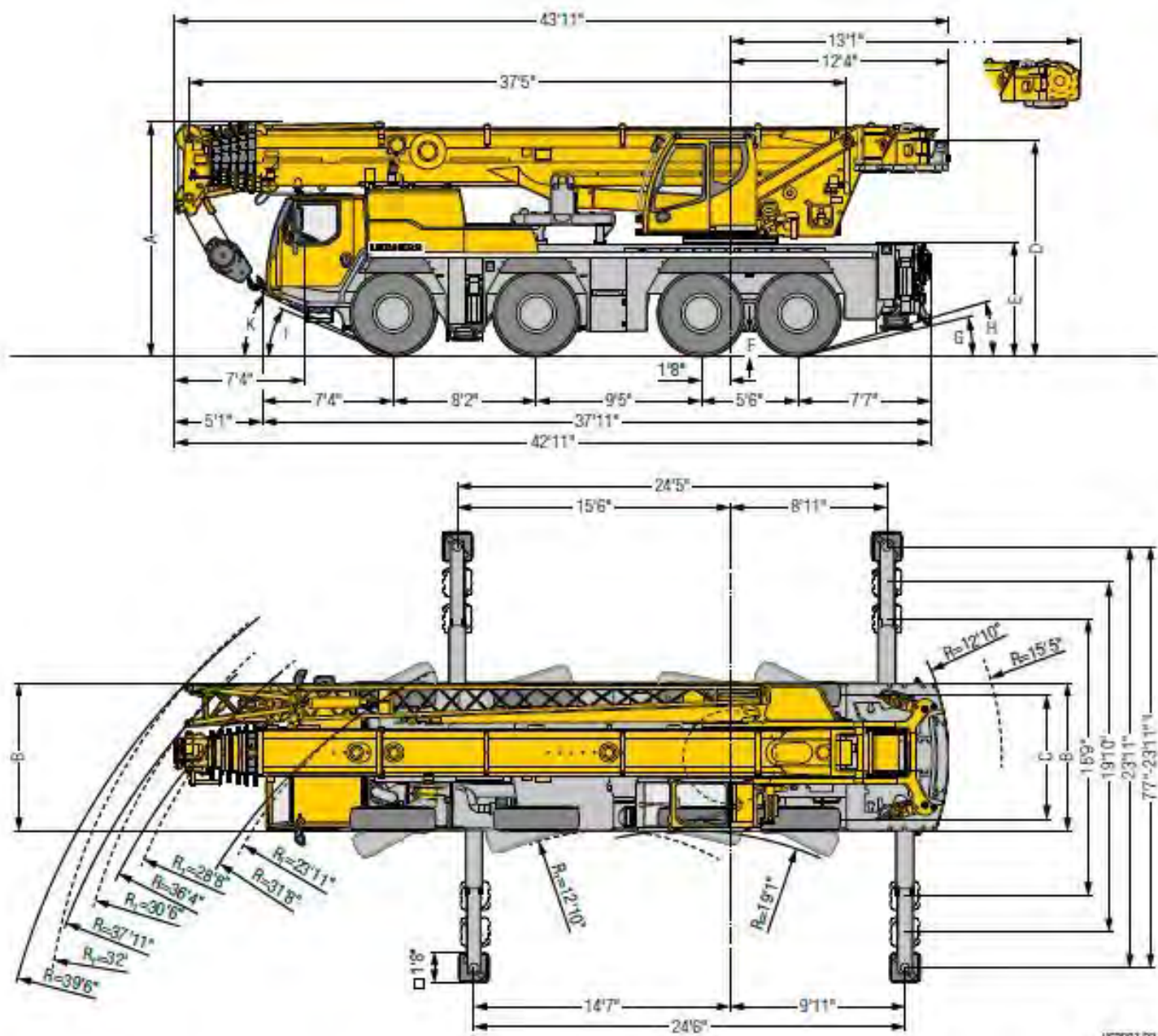


249 ft



LIEBHERR

Dimensions Encombrement



^{††} only with VarioScan® - solderable over VarioPlus®

Dimensions/Encombrement

	A	A 4**	B	C	D	E	F	G	H	I	K
445/95 R 25 (16.00 R 25)	13°1'	12°10'	8°4'	6°11'	12°1'	6°3'	1°4'	13°	17°	24°	27°
525/80 R 25 (20.5 R 25)	13°1'	12°10'	8°10'	7°1'	12°1'	6°3'	1°4'	13°	17°	24°	27°

^a [continued - inside]

Boom/jib combinations Configurations de flèche

- T** Telescopic boom
Flèche télescopique
- K/NZK** Mechanical/hydraulic swing away jib
Fléchette pliante mécanique/hydraulique
- K** Mechanically adjustable assembly jib
Fléchette de montage réglable mécaniquement



T
11 – 17



TK/TNZK
18 – 22



TK
23 – 27

S3149.01

Lifting capacities

Forces de levage

T



	37 ft	50 ft	62 ft	74 ft	86 ft	98 ft	111 ft	123 ft	135 ft	147 ft	160 ft	172 ft	182 ft	184 ft	195 ft	197 ft	
9	220																9
10	198.4	130.4	130.4	130.4	105.9												10
11	141.1	130.4	130.2	127	105.9	80.6											11
12	132.5	127.5	125.5	120.4	105.8	80.6											12
13	123.7	121.7	118.2	113.3	104.8	80.6											13
14	116.2	115.8	112.3	107.8	102.7	80.6	67.3										14
15	111.1	110.1	106.8	101.8	98.5	80.6	66.9										15
16	106.6	104.9	101.7	96.8	93.5	80.4	66.4	54.2									16
17	102.5	100.1	97.8	92.9	89.4	79.8	65.7	53.8									17
18	98.6	95.6	94.1	89.5	86	79	64.8	53.3									18
19	95	91.6	90.8	86.5	82.9	78.1	64	52.8	42.5								19
20	91.5	87.8	87.6	83.5	80	76.9	63.2	52.3	42.5								20
22	84.5	80.9	82	78.2	76.2	73.4	61.6	51.1	42.2	33.6							22
24	76.9	74.5	75.7	73.4	71.7	68.8	60	50	41.9	33.5	24.1						24
26	70.5	68.7	70	69	67.7	64.8	58.4	48.9	41.7	33.4	25.7						26
28	65	63.3	64.6	64.5	64	61.3	56.7	47.8	41.3	33.2	25.5	20.3					28
30	56.9	56.9	59.8	60.5	60.2	58.2	54.7	46.7	40.9	32.9	25.2	20.1	13.9				30
32			55.4	56.1	56.2	55.1	52.7	45.6	40.2	32.1	24.8	19.9	16.1	10.9	11.7		32
34			51.5	52.1	52.3	51.9	50.6	44.6	39	31.3	24.3	19.6	15.9	10.8	11.7	9.3	34
36			47.9	48.6	48.7	48.4	48.7	43.5	37.7	30.5	23.9	19.3	15.8	10.8	11.6	9.3	36
38			45.1	45.4	45.4	45.1	46	42.5	36.3	29.8	23.3	19	15.6	10.7	11.5	9.3	38
40			42.1	42.4	42.5	42.6	43.1	41.4	35	29	22.8	18.7	15.4	10.6	11.4	9.3	40
45				38.2	36.6	37.3	36.8	36.2	32	27.3	21.1	17.7	14.8	10.4	11.2	9.2	45
50				32.1	32.5	32.3	31.9	31.4	29.2	25.7	19.5	16.6	13.9	10.1	10.8	9	50
55				26.6	28.5	28.4	27.9	27.3	26.6	24.2	17.9	15.5	12.4	9.7	10.5	8.9	55
60				25	24.9	24.4	23.8	23.1	22.7	16.5	14.5	11.7	9.2	10	8.7	8.5	60
65					22.1	22	21.5	20.9	21.4	20.9	15.3	13.5	11.1	8.8	9.6	8.4	65
70						19.5	19.1	19.1	19.2	18.5	14.1	12.6	10.4	8.4	9.1	8.1	70
75						17.5	17	17.7	17.1	16.3	13.4	11.7	9.8	8	8.7	7.7	75
80							15.9	15.9	15.2	14.5	12.8	10.8	9.3	7.6	8.4	7.4	80
85							14.8	14.3	13.6	12.9	12.2	10.1	8.9	7.3	8	7.1	85
90							13.4	12.9	12.2	11.5	11.7	9.5	8.4	6.9	7.7	6.8	90
95								11.6	10.9	10.8	10.7	8.9	8	6.6	7.4	6.5	95
100								10.5	9.8	10.2	9.6	8.6	7.7	6.3	7.1	6.3	100
105									9.4	9.3	8.7	8.3	7.3	6	6.8	6	105
110									9	8.5	8	8	6.9	5.7	6.5	5.8	110
115									8.4	7.9	7.4	7.4	6.6	5.5	6.2	5.5	115
120										7.2	7.2	6.8	6.4	5.2	5.9	5.3	120
125										6.7	6.8	6.3	6.1	5	5.7	5.1	125
130											6.3	5.9	5.8	4.8	5.4	4.9	130
135											5.8	5.7	5.3	4.6	5.1	4.7	135
140											5.4	5.3	5	4.4	4.7	4.5	140
145												4.9	4.7	4.2	4.3	4.3	145
150												4.5	4.4	4	3.9	4	150
155													4	3.9	3.6	3.7	155
160													3.7	3.7	3.3	3.3	160
165														3.4	2.9	3	165
170														3.2	2.6	2.7	170
175														2.9	2.3	2.4	175
180															2.1	2	180
185																1.8	185

* = 0° over load - en surcharge

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Lifting capacities

Forces de levage

T



85%

	37 ft	50 ft	62 ft	74 ft	86 ft	98 ft	111 ft	123 ft	135 ft	147 ft	160 ft	172 ft	182 ft	184 ft	195 ft	197 ft	
10	130.4	130.4	130.4	105.9													10
11	130	130.2	127	105.9	80.6												11
12	126.3	125.5	120.4	105.8	80.6												12
13	119.6	118.2	113.3	104.8	80.6												13
14	113.5	112.3	107.8	102.7	80.6	67.3											14
15	107.8	106.8	101.8	98.5	80.6	66.9											15
16	102.7	101.7	96.8	93.5	80.4	66.4	54.2										16
17	98	97.8	92.9	89.4	79.8	65.7	53.8										17
18	93.6	94.1	89.6	86	79	64.8	53.3										18
19	89.6	90.2	86.5	82.9	78.1	64	52.8	42.5									19
20	85.5	86.7	83.5	80	76.9	63.2	52.3	42.5									20
22	78	79.2	78	76.2	73.4	61.6	51.1	42.2	33.6								22
24	70.9	72.2	72	71.7	68.8	60	50	41.9	33.5	24.1							24
26	64.6	66	66.7	66.6	64.8	58.4	48.9	41.7	33.4	25.7							26
28	59	60.3	61.1	61.2	60.5	56.7	47.8	41.3	33.2	25.5	20.3						28
30	53.9	55.4	56.2	56.3	56	54.7	46.7	40.9	32.9	25.2	20.1	13.9					30
32		51.5	51.8	52	51.6	51.8	45.6	40.2	32.1	24.8	19.9	16.1	10.9	11.7			32
34		47.6	47.9	48	48.6	48.6	44.6	39	31.3	24.3	19.6	15.9	10.8	11.7	9.3		34
36		44.2	44.5	44.6	45.5	45.1	43	37.7	30.5	23.9	19.3	15.8	10.8	11.6	9.3	9.1	36
38		41.1	41.5	42.2	42.5	42.1	41.3	36.3	29.8	23.3	19	15.6	10.7	11.5	9.3	9.1	38
40		38.4	39.4	39.8	39.7	39.3	38.7	35	29	22.8	18.7	15.4	10.6	11.4	9.3	9.1	40
45			33.4	33.8	33.6	33.2	32.5	31.3	27.3	21.1	17.7	14.8	10.4	11.2	9.2	9	45
50			28.5	28.9	28.7	28.3	27.7	26.9	25.7	19.5	16.6	13.9	10.1	10.8	9	8.9	50
55			24.6	24.9	24.8	24.4	23.7	24	23.6	17.9	15.5	12.4	9.7	10.5	8.9	8.7	55
60				21.8	21.6	21.1	21.6	21.3	20.5	16.5	14.5	11.7	9.2	10	8.7	8.5	60
65				19	18.9	18.8	19.2	18.5	17.8	15.3	13.5	11.1	8.8	9.6	8.4	8.3	65
70					16.6	17.4	16.9	16.2	15.5	14.1	12.6	10.4	8.4	9.1	8.1	8	70
75					15.3	15.4	14.9	14.2	13.5	13.4	11.7	9.8	8	8.7	7.7	7.7	75
80						13.7	13.2	12.5	12.5	12.3	10.8	9.3	7.6	8.4	7.4	7.4	80
85						12.3	11.8	11.2	11.5	10.8	9.9	8.9	7.3	8	7.1	7.1	85
90						11	10.5	10.7	10.2	9.6	9.3	8.4	6.9	7.7	6.8	6.8	90
95							9.5	9.7	9.2	8.7	8.8	8	6.6	7.4	6.5	6.5	95
100							9.2	8.9	8.4	8.3	7.9	7.4	6.3	7.1	6.3	6.2	100
105								8.2	7.6	7.7	7.2	7.1	6	6.8	6	6	105
110								7.5	7.3	7.1	6.9	6.5	5.7	6.3	5.8	5.7	110
115								6.9	6.9	6.5	6.4	6.2	5.5	5.7	5.5	5.5	115
120									6.4	6	5.8	5.6	5.2	5.1	5.2	5.1	120
125									5.9	5.8	5.3	5.1	5	4.6	4.7	4.6	125
130										5.3	5	4.7	4.7	4.2	4.2	4.1	130
135										4.9	4.6	4.2	4.3	3.7	3.8	3.7	135
140										4.5	4.2	3.8	3.9	3.3	3.4	3.3	140
145											3.8	3.5	3.5	3	3	3	145
150											3.5	3.1	3.2	2.5	2.6	2.6	150
155												2.7	2.8	2.2	2.3	2.2	155
160													2.4	2.4	1.8	1.9	160
165														2.1			165
170															1.8		170

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Lifting capacities

Forces de levage

T



85%

	37 ft	50 ft	62 ft	74 ft	86 ft	98 ft	103 ft	111 ft	117 ft	123 ft	129 ft	135 ft	142 ft	147 ft	156 ft	160 ft	168 ft	172 ft	182 ft	184 ft	195 ft	197 ft	
10	130.4	130.4	130.4	105.9																			10
11	127.9	129.8	127	105.9	80.6																		11
12	122.5	122.5	120.4	105.8	80.6																		12
13	115.9	115.9	113.3	104.8	80.6																		13
14	109.9	110.1	107.8	102.7	80.6	67.3																	14
15	104.3	105	101.8	98.5	80.6	66.9	27.7																15
16	98.6	99.4	96.8	93.5	80.4	66.4	27.7	54.2															16
17	93.3	94	92.9	89.4	79.8	65.7	27.7	53.8															17
18	88	88.8	88.8	86	79	64.8	27.6	53.3															18
19	82.9	83.9	84.1	82.6	77.9	64	27.1	52.8	23.4	42.5													19
20	78.2	79.6	79.4	79	75.8	63.2	26.6	52.3	22.9	42.5													20
22	69.5	71	71.9	71.8	67.6	61.6	25.4	51.1	21.9	42.2	21	33.6											22
24	62	63.6	64.6	64.1	61.7	58.9	24.2	50	20.9	41.9	20.3	33.5	18.6	24.1									24
26	55.8	58	58.3	57.7	56.4	53.3	23.1	48.7	20	41.7	19.6	33.4	18.2	25.7	14								26
28	50.1	52.5	52.8	53.2	51.4	48.6	22	45.7	19.1	41.3	18.9	33.2	17.7	25.5	14	20.3							28
30	45	47.4	48.7	49.1	47.1	44.5	21.1	41.9	18.3	39.1	18.2	32.9	17.1	25.2	14	20.1	12.7	13.9					30
32		43	44.3	44.8	43.3	41.1	20.2	38.6	17.5	36.5	17.5	32.1	16.6	24.8	13.9	19.9	12.6	16.1	10.9	11.7			32
34		39.2	40.4	40.9	39.9	37.9	19.4	35.6	16.7	34.2	16.8	31.3	16.1	24.3	13.9	19.6	12.5	15.9	10.8	11.7	9.3		34
36		35.7	37.1	37.5	37.1	35.1	18.7	33.1	16	31.7	16.2	30.5	15.6	23.9	13.6	19.3	12.4	15.8	10.8	11.6	9.3	9.1	36
38		32.6	34	34.4	34.3	32.7	17.9	30.9	15.4	30.4	15.6	28.6	15.1	23.3	13.3	19	12.2	15.6	10.7	11.5	9.3	9.1	38
40		29.9	31.2	31.7	31.6	30.4	17.3	28.8	14.8	28.6	15.1	26.6	14.6	22.8	13	18.7	12.1	15.4	10.6	11.4	9.3	9.1	40
45			25.7	26.1	26	25.4	15.8	25.8	13.4	24.2	13.8	22.5	13.5	20.9	12.2	17.7	11.5	14.8	10.4	11.2	9.2	9	45
50			21.5	21.8	21.7	22.6	14.5	22.1	12.2	20.6	12.7	19.1	12.5	17.7	11.5	16.6	10.9	13.9	10.1	10.8	9	8.9	50
55			18.2	18.5	19.4	19.2	13.3	18.6	11.1	17.7	11.7	16.6	11.6	16.3	10.8	14.9	10.4	12.4	9.7	10.5	8.9	8.7	55
60				16.1	16.6	16.3	12.3	15.7	10.3	15	10.8	15.2	10.7	14.2	10.2	12.9	9.8	11.7	9.2	10	8.7	8.5	60
65				14.2	14.2	14	11.4	13.3	9.5	13.7	10.1	12.9	10	12.1	9.6	11.8	9.3	10.9	8.8	9.6	8.4	8.3	65
70					12.3	12	10.7	12.3	8.8	11.8	9.4	11.1	9.3	11	9.1	10.3	8.8	9.7	8.4	9.1	8.1	8	70
75					10.6	10.7	10	10.7	8.3	10.1	8.8	10	8.7	9.4	8.7	9.2	8.3	8.8	8	8.4	7.7	7.7	75
80						9.6	9.5	9.3	7.8	9	8.4	8.9	8.2	8.7	8.2	8.3	7.9	8	7.6	7.4	7.2	7.1	80
85						8.6	8.7	8.3	7.4	8.8	7.9	7.9	7.7	7.7	7.8	7.4	7.4	7	7	6.4	6.5	6.4	85
90						7.8	7.8	7.5	7	7.5	7.5	7.1	7.2	6.9	7	6.5	6.6	6.1	6.1	5.6	5.6	5.5	90
95							7.1	6.8	6.6	6.7	6.8	6.3	6.4	6.1	6.2	5.7	5.8	5.4	5.4	4.8	4.8	4.7	95
100								6.1	6.2	6	6.1	5.7	5.7	5.4	5.5	5.1	5.1	4.7	4.7	4.2	4.2	4.1	100
105									5.5	5.4	5.5	5.1	5.1	4.8	4.9	4.5	4.5	4.1	4.1	3.5	3.6	3.5	105
110									5	4.9	5	4.5	4.6	4.3	4.4	3.9	4	3.5	3.6	3	3	2.9	110
115										4.4	4.5	4	4.1	3.8	3.9	3.4	3.5	3.1	3.1	2.5	2.5	2.4	115
120											4	3.6	3.7	3.4	3.5	3	3.1	2.6	2.7	2	2	1.9	120
125												3.2	3.3	3	3.1	2.5	2.7	2.2	2.3				125
130													2.9	2.5	2.7	2.1	2.2		1.8				130
135														2.1	2.3		1.8						135
140															1.8	1.9							140

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Lifting capacities

Forces de levage

T



85%

	37 ft	50 ft	62 ft	74 ft	86 ft	98 ft	103 ft	111 ft	117 ft	123 ft	129 ft	135 ft	142 ft	147 ft	156 ft	160 ft	168 ft	172 ft	182 ft	184 ft	195 ft	197 ft	
10	130.4	130.4	130.4	105.9																			10
11	127.5	129	127	105.9	80.6																		11
12	121.8	121.8	120.4	105.8	80.6																		12
13	115.2	115.3	113.3	104.8	80.6																		13
14	109.1	109.3	107.8	102.7	80.6	67.3																	14
15	103.2	104	101.8	98.5	80.6	66.9	27.7																15
16	97.5	98.4	96.8	93.5	80.4	66.4	27.7	54.2															16
17	92	92.8	92.4	89.4	79.8	65.7	27.7	53.8															17
18	86.4	87.3	87.6	85.8	79	64.8	27.6	53.3															18
19	81.2	82.6	82.6	80.8	77.3	64	27.1	52.8	23.4	42.5													19
20	76.4	78	77.9	77.5	72.8	63.2	26.6	52.3	22.9	42.5													20
22	67.6	69.3	70.1	68.5	64.2	61.5	25.4	51.1	21.9	42.2	21	33.6											22
24	60.3	62.1	62.9	60.9	59.4	55.9	24.2	50	20.9	41.9	20.3	33.5	18.6	24.1									24
26	54	56.2	56.6	56	53.6	50.6	23.1	47.4	20	41.7	19.6	33.4	18.2	25.7	14								26
28	48.1	50.5	51.8	51.2	48.8	46	22	43.3	19.1	40.1	18.9	33.2	17.7	25.5	14	20.3							28
30	43.1	45.5	46.8	46.7	44.6	42.1	21.1	39.6	18.3	37.6	18.2	32.9	17.1	25.2	14	20.1	12.7	13.9					30
32		41.2	42.5	42.8	41	38.8	20.2	36.4	17.5	34.8	17.5	32.1	16.6	24.8	13.9	19.9	12.6	16.1	10.9	11.7			32
34		37.3	38.6	39.2	37.8	35.8	19.4	33.7	16.7	32.4	16.8	31.1	16.1	24.3	13.9	19.6	12.5	15.9	10.8	11.7	9.3		34
36		33.8	35.2	35.7	35	33	18.7	31.2	16	30.7	16.2	28.7	15.6	23.9	13.6	19.3	12.4	15.8	10.8	11.6	9.3	9.1	36
38		30.9	32.2	32.7	32.4	30.6	17.9	29.5	15.4	28.6	15.6	26.6	15.1	23.3	13.3	19	12.2	15.6	10.7	11.5	9.3	9.1	38
40		28.3	29.6	30	29.9	28.3	17.3	28.1	14.8	26.6	15.1	24.7	14.6	22.6	13	18.7	12.1	15.4	10.6	11.4	9.3	9.1	40
45			24.3	24.7	24.6	25.1	15.8	24	13.4	22.4	13.8	20.7	13.5	19.2	12.2	17.7	11.5	14.8	10.4	11.2	9.2	9	45
50			20.2	20.6	21.2	21.3	14.5	20.5	12.2	19	12.7	17.7	12.5	17.3	11.5	16	10.9	13.9	10.1	10.8	9	8.9	50
55			17	17.4	18.1	17.8	13.3	17.1	11.1	16.4	11.7	16.4	11.6	15.2	10.8	13.8	10.4	12.4	9.7	10.5	8.9	8.7	55
60				15.2	15.3	15	12.3	14.4	10.3	14.6	10.8	13.8	10.7	12.9	10.2	12.7	9.8	11.5	9.2	10	8.7	8.5	60
65				13	13	12.7	11.4	13	9.5	12.5	10.1	11.8	10	11.6	9.6	11	9.3	10.2	8.8	9.6	8.4	8.3	65
70					11.1	11.4	10.7	11.2	8.8	10.6	9.4	10.5	9.3	10	9.1	9.7	8.8	9.3	8.4	8.7	8	8	70
75					9.6	10	10	9.6	8.3	9.6	8.8	9.2	8.7	9	8.7	8.6	8.3	8.2	8	7.6	7.5	7.4	75
80						8.8	8.9	8.5	7.8	8.5	8.4	8.1	8.1	7.9	8	7.5	7.5	7.1	7.1	6.5	6.5	6.5	80
85						7.8	7.9	7.6	7.4	7.5	7.6	7.2	7.3	6.9	7.1	6.5	6.6	6.2	6.2	5.6	5.6	5.5	85
90						7	7.1	6.8	6.8	6.7	6.8	6.3	6.4	6.1	6.2	5.7	5.8	5.3	5.4	4.8	4.8	4.7	90
95							6.4	6	6.1	6	6	5.6	5.7	5.4	5.5	5	5.1	4.6	4.6	4.1	4.1	4	95
100								5.4	5.4	5.3	5.4	5	5.1	4.7	4.9	4.4	4.4	4	4	3.4	3.4	3.3	100
105									4.9	4.7	4.8	4.4	4.5	4.2	4.3	3.8	3.9	3.4	3.5	2.8	2.8	2.7	105
110									4.4	4.3	4.3	3.9	4	3.7	3.8	3.3	3.4	2.9	3	2.2	2.3	2.1	110
115										3.8	3.9	3.4	3.5	3.2	3.3	2.8	2.9	2.5	2.5				115
120											3.5	3	3.1	2.8	2.9	2.4	2.5	2	2				120
125												2.6	2.7	2.3	2.5	1.9	2.1						125
130													2.3	1.9	2.1								130

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Lifting capacities Forces de levage

T



	37 ft	50 ft	62 ft	74 ft	86 ft	98 ft	103 ft	111 ft	117 ft	123 ft	129 ft	135 ft	142 ft	147 ft	156 ft	160 ft	168 ft	172 ft	182 ft	184 ft	195 ft	197 ft	
10	130.4	130.4	130.2	105.9																			10
11	125.7	125.8	125.3	105.9	80.6																		11
12	118.3	118.4	117.7	105.6	80.6																		12
13	110.7	110.9	110.1	102.4	80.6																		13
14	103.3	103.5	102.3	93.2	80.2	67.3																	14
15	95.7	96.6	92.7	84.2	77.1	66.9	27.7																15
16	88.7	89.7	83.8	77.9	72.4	64.5	27.7	54.2															16
17	81.9	82.6	77.8	72.4	66.8	63.8	27.7	53.8															17
18	76	76.4	72.1	66.8	62.8	59.5	27.6	52.7	24.6														18
19	70.8	70.4	66.6	63.1	59.7	55.4	27.1	50.4	24.2	42.5													19
20	65.6	65.4	62.9	59.6	55.8	51.9	26.6	47.6	23.6	42.4													20
22	56.1	56.9	55	52.2	48.9	45.1	25.4	41.7	22.5	39	21	33.6											22
24	47.9	49.6	48.1	45.6	42.7	39.9	24.2	37.8	21.5	35.6	20.3	32.1	18.6	24.1									24
26	41.3	43.1	42.2	40.3	37.8	36.1	23.1	34.7	20.5	31.9	19.6	29.1	18.2	25.2	14								26
28	35.9	37.9	37.3	35.8	33.8	33.4	22	31.2	19.6	28.5	18.9	25.9	17.7	23.4	14	20.3							28
30	30.7	33.6	33.3	32.1	31.1	30.2	21.1	28	18.7	25.7	18.2	23.9	17.1	22.5	14	19.9	12.7	13.9					30
32		29.6	30	28.9	28.9	27.3	20.2	25.1	17.9	23.1	17.5	22.5	16.6	20.4	13.9	18.4	12.6	16.1	10.9	11.7			32
34		26	26.9	26.3	26	24.6	19.4	22.7	17.2	22.1	16.8	20.5	16.1	18.9	13.9	17.4	12.5	15.5	10.8	11.6	9.3		34
36		23	24.2	24.5	23.6	22.3	18.7	21	16.4	20.4	16.2	18.7	15.6	17.7	13.6	16.3	12.4	14.5	10.8	11.7	9.3	9.1	36
38		20.1	21.7	22.3	21.5	20.4	17.9	19.9	15.8	18.6	15.6	17.6	15.1	16.4	13.3	15.6	12.2	13.4	10.7	11.5	9.3	9.1	38
40		17.6	19.2	20.3	19.7	18.6	17.3	18.4	15.1	17.1	15.1	16.5	14.6	15.7	13	14.3	12.1	12.8	10.6	11.4	9.3	9.1	40
45			14.3	15.6	15.7	16	15.7	15.1	13.7	14.6	13.8	13.7	13.5	12.8	12.2	11.9	11.5	10.9	10.2	9.8	9.1	8.9	45
50			10.9	12.1	12.4	12.7	12.9	12.4	12.5	12.1	12.1	11.3	11.2	10.6	10.6	9.7	9.7	8.8	8.7	7.8	7.6	7.5	50
55			8.6	9.5	9.7	10.1	10.2	9.8	10	9.7	9.9	9.2	9.3	8.7	8.8	8	7.9	7.1	7.1	6.2	6.1	5.9	55
60				7.8	8	8.3	8.4	8.1	8.2	8	8.1	7.6	7.7	7.2	7.3	6.5	6.5	5.8	5.7	4.8	4.8	4.6	60
65				6.5	6.7	7	7.1	6.8	6.9	6.7	6.8	6.3	6.4	6	6.1	5.3	5.3	4.6	4.5	3.7	3.7	3.6	65
70					5.6	5.9	6	5.7	5.8	5.6	5.7	5.2	5.3	4.9	5	4.3	4.3	3.6	3.6	2.8	2.7	2.6	70
75					4.7	5	5.1	4.8	4.9	4.7	4.8	4.3	4.4	4	4.1	3.4	3.4	2.8	2.7				75
80						4.2	4.3	4	4.1	3.9	4	3.6	3.7	3.2	3.3	2.6	2.7	1.9	1.9				80
85						3.6	3.7	3.4	3.5	3.3	3.4	2.9	3	2.5	2.7	1.8	1.9						85
90						3	3.1	2.8	2.9	2.7	2.8	2.3	2.4	1.8	2								90
95							2.5	2.2	2.3	2.2													95
100									1.8		1.8												100

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Remarks

- The lifting capacities do not exceed 85 % of the tipping load according to ASME B 30.5. The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
- For the calculation of the load charts at least a wind speed of 30 ft/s (9 m/s, 20 mph) and regarding the load a sail area of 1 m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
- Lifting capacities are given in kips.
- The weight of the hook blocks and hooks must be deducted from the lifting capacities.
- Working radii are measured from the slewing centre.
- The stated lengths of the telescopic boom are maximum values and may deviate slightly.
- The lifting capacities given for the telescopic boom apply if the folding jib is removed.
- Subject to modification of lifting capacities.
- Lifting capacities above 130,400 lbs/148,600 lbs only with additional pulley block/special equipment.
- The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.

Remarques

- La capacité de charge ne doit pas dépasser 85 % de la charge de basculement conformément à ASME B 30.5. La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
- Une vitesse de vent de 30 ft/s (9 m/s, 20 mph) minimum, une surface de prise au vent de 1 m² par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)s sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
- Les forces de levage sont données en kips.
- Les poids des mouffes et crochets doit être soustrait des charges indiquées.
- Les portées sont calculées à partir de l'axe de rotation.
- Les longueurs indiquées pour la flèche télescopique sont des valeurs maximales et peuvent légèrement varier dans la réalité.
- Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette plante est démontée.
- Charges données sous réserve de modification.
- Forces de levage plus de 130,400 lbs/ 148,600 lbs seulement avec moufle additionnel/équipement supplémentaire.
- Les données de cette brochure sont données à titre informatif. Ces renseignements sont sans garantie. Les consignes relatives à la bonne mise en service de la grue sont disponibles dans le manuel d'utilisation et le manuel de tableaux de charge.

Lifting capacities

Forces de levage

T



85%

	37 ft	50 ft	62 ft	
10	35.5	35.1	32.3	10
11	31.5	32.3	30.4	11
12	28.2	29.9	28.3	12
13	25.3	27.6	26.4	13
14	22.8	25.2	24.7	14
15	20.6	22.9	23.2	15
16	18.7	21.1	21.8	16
17	16.9	19.3	20.4	17
18	15.4	17.7	19.1	18
19	14	16.3	17.7	19
20	12.8	15.1	16.4	20
22	10.6	12.9	14.1	22
24	8.8	11	12.3	24
26	7.2	9.4	10.7	26
28	5.8	8	9.3	28
30	4.5	6.8	8.1	30
32		5.8	7	32
34		4.8	6.1	34
36		3.7	5.3	36
38		2.7	4.5	38
40		2	3.6	40
45			1.8	45

UP = 200' 000' - 21' 21' 00"

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85%

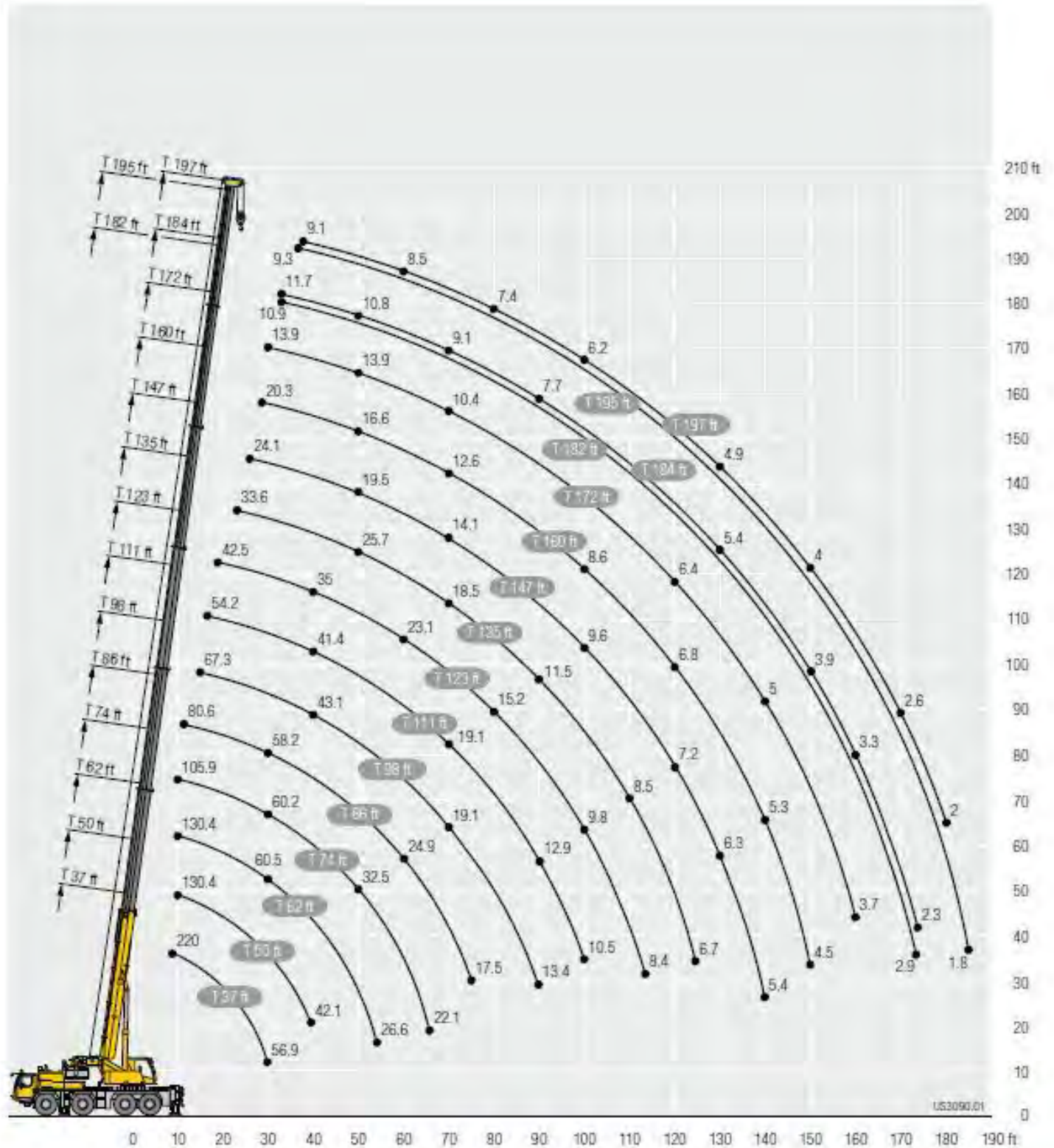
	37 ft	50 ft	62 ft	
10	32.3	32.8	30.7	10
11	28.7	30.2	28.4	11
12	25.5	27.8	26.4	12
13	22.8	25.2	24.6	13
14	20.5	22.9	23	14
15	18.5	20.8	21.5	15
16	16.6	19	20.1	16
17	15	17.4	18.7	17
18	13.6	15.9	17.2	18
19	12.3	14.6	15.9	19
20	11.1	13.4	14.7	20
22	9.1	11.4	12.6	22
24	7.4	9.8	10.9	24
26	5.8	8.1	9.4	26
28	4.1	6.8	8.1	28
30	2.8	5.7	6.9	30
32		4.5	6	32
34		3.3	5.1	34
36		2.4	4.1	36
38			3.2	38
40			2.3	40

UP = 200' 000' - 21' 21' 00"

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Lifting heights Hauteurs de levage

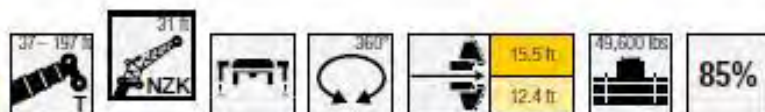
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Lifting capacities Forces de levage

TNZK



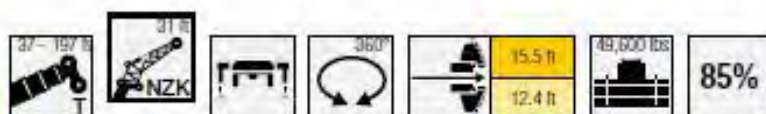
	37 ft			50 ft			62 ft			74 ft			86 ft			98 ft			111 ft			123 ft			
	31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	27.7			27.7			27.7			27.7															12
13	27.7			27.7			27.7			27.7															13
14	27.7	23.1		27.7			27.7			27.7			26.3												14
15	27.7	22.6		27.7			27.7			27.7			26.3			24.6									15
16	27.7	22.1		27.7			27.7			27.7			26.3			24.7									16
17	27.7	21.6		27.7			27.7			27.6			26.3			24.7									17
18	27.7	21.1		27.7	21.1		27.7			27.5			26.2			24.8			22.5						18
19	27.7	20.7		27.7	20.7		27.7	20.8		27.2			26			24.8			22.6						19
20	27.5	20.1		27.7	20.3		27.7	20.4		27			25.9			24.7			22.6						20
22	26.3	18.8	12.8	27.4	19.5		27.3	19.8		26.5	19.9		25.5			24.5			22.7			19.9			22
24	24.2	17.7	12.3	26.3	18.5	12.4	26.6	19.2		26	19.4		25.1	19.3		24.2			22.6			19.9			24
26	22.2	16.7	11.8	25	17.6	12	25.8	18.4		25.4	18.9		24.7	18.9		23.9			22.4			19.9			26
28	20.5	15.8	11.4	23.5	16.8	11.7	24.8	17.6	11.9	24.9	18.2	12.1	24.3	18.5		23.6	18.5		22.2	18.1		19.9			28
30	19	15	11	21.9	16	11.3	23.8	16.9	11.6	24.2	17.5	11.8	23.8	18	11.9	23.2	18.1		21.9	17.9		19.8			30
32	17.4	14.3	10.6	20.3	15.3	11	22.8	16.2	11.3	23.5	16.9	11.5	23.3	17.4	11.7	22.8	17.7		21.6	17.5		19.6	16.8		32
34	16	13.5	10.3	18.9	14.7	10.7	21.6	15.6	11	22.7	16.3	11.2	22.8	16.9	11.4	22.3	17.3	11.6	21.3	17.2		19.3	16.6		34
36	14.9	13	10	17.8	14.1	10.4	20.3	15	10.8	21.9	15.7	11	22.2	16.3	11.2	21.9	16.8	11.3	20.9	16.9	11.4	19.1	16.3		36
38	13.9	12.4	9.8	16.7	13.5	10.2	19.1	14.5	10.5	21	15.2	10.8	21.6	15.8	11	21.5	16.3	11.1	20.6	16.6	11.3	18.9	16.1	11.2	38
40	12.9	11.9	9.5	15.6	13	9.9	18	14	10.3	20	14.7	10.6	21	15.3	10.8	21	15.9	10.9	20.3	16.2	11.1	18.7	15.8	11.1	40
45	11.1	10.8	9.1	13.5	11.9	9.4	15.8	12.9	9.8	17.7	13.6	10.1	19.3	14.3	10.3	19.9	14.8	10.5	19.5	15.2	10.6	18.1	15.2	10.7	45
50	9.7	9.9	8.8	11.8	10.9	9.1	13.8	11.9	9.4	15.8	12.7	9.7	17.3	13.4	9.9	18.6	13.9	10.1	18.7	14.3	10.3	17.5	14.5	10.3	50
55	8.6	9.2	8.7	10.4	10.2	8.9	12.3	11.1	9.1	14.1	11.9	9.3	15.6	12.6	9.6	17	13.1	9.8	17.8	13.5	9.9	17	13.7	10	55
60	7.7	8.9		9.4	9.6	8.7	11.1	10.4	8.9	12.7	11.2	9.1	14.2	11.8	9.3	15.4	12.4	9.5	16.5	12.9	9.6	16.4	13	9.7	60
65				8.5	9.2	8.7	10	9.8	8.7	11.5	10.6	8.9	12.9	11.2	9.1	14.2	11.8	9.3	15.2	12.2	9.4	15.6	12.4	9.5	65
70				7.9	8.9		9.2	9.4	8.7	10.6	10	8.8	11.9	10.7	8.9	13.1	11.2	9.1	14.1	11.7	9.2	14.6	11.9	9.3	70
75							8.5	9.1	8.7	9.7	9.6	8.7	10.9	10.2	8.8	12.1	10.7	8.9	13.1	11.2	9	13.6	11.4	9.1	75
80							8	8.9		9	9.3	8.7	10.1	9.8	8.7	11.2	10.3	8.8	12.2	10.7	8.9	12.8	11	9	80
85							7.5	8.9		8.5	9	8.7	9.5	9.4	8.7	10.4	9.9	8.7	11.4	10.3	8.8	12	10.6	8.9	85
90										8	8.9	4.6	8.9	9.2	8.7	9.8	9.6	8.7	10.7	9.9	8.7	11.1	10.2	8.8	90
95										7.6	8.9		8.4	9	8.7	9.2	9.3	8.6	10	9.6	8.7	10.3	9.9	8.7	95
100													8	8.9	5	8.8	9.1	8.6	9.5	9.4	8.6	9.3	9.5	8.6	100
105													7.7	8.8		8.4	8.9	8.6	8.8	9.1	8.6	8.5	8.9	8.6	105
110													7.4			8	8.8	5.5	8.1	8.4	8.5	7.8	8.1	8.3	110
115																7.7	8.2		7.4	7.7	7.7	7.5	7.4	7.6	115
120																7.4	7.5		6.8	7	5.9	7.1	7.1	7.1	120
125																			6.3	6.4		6.5	6.7	6.8	125
130																			5.8	5.9		6	6.2	6	130
135																			5			5.5	5.7		135
140																						5.1	5.2		140
145																						4.7	4.8		145

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Lifting capacities

Forces de levage

TNZK



	135 ft			147 ft			160 ft			170 ft			172 ft			182 ft			184 ft			195 ft			197 ft			
	31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			31 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°	0°	20°	40°	
24	16.9																											24
26	17																											26
28	17			12.9																								28
30	17			13			10.2																					30
32	17			13			10.3																					32
34	16.9	11.3		13.1			10.3			7.1			8.3															34
36	16.7	15.2		13.1			10.4			7.1			8.3															36
38	16.6	15.1		13.1	12.8		10.4			7.1			8.4			6.4			6.8									38
40	16.5	14.9		13.1	12.7		10.4			7.1			8.4			6.4			6.9			5.7						40
45	16.1	14.4	10.6	13.1	12.5		10.4	10.5		7.1			8.5	8.4		6.4			6.9			5.7			5.6			45
50	15.7	13.9	10.3	12.8	12.3	11.7	10.2	10.3	7.9	7	6.9		8.4	8.3		6.4	6.2		6.9			6.7			5.6			50
55	15.3	13.4	10	12.4	12.1	11.4	10	9.9	9.9	6.8	6.7	6.6	8.2	8.2	8.2	6.4	6.2		6.8			6.7			5.7	5.7		55
60	14.6	12.9	9.7	11.8	11.6	11.1	9.6	9.6	9.5	6.6	6.5	6.4	8	8	8	6.3	6.2	6.2	6.7	6.6	6.7	5.7	5.6		5.5	5.5		60
65	13.6	12.4	9.5	11.2	10.9	10.8	9.2	9.1	9.1	6.4	6.2	6.2	7.8	7.7	7.7	6.1	6	6	6.6	6.4	6.5	5.6	5.6	5.7	5.5	5.5	5.6	65
70	12.6	11.9	9.3	10.5	10.3	10.2	8.8	8.7	8.7	6.1	6	5.9	7.6	7.5	7.4	5.9	5.8	5.8	6.4	6.2	6.3	5.5	5.5	5.6	5.4	5.4	5.5	70
75	11.7	11.3	9.1	9.9	9.7	9.7	8.4	8.3	8.4	5.9	5.8	5.7	7.3	7.2	7.2	5.8	5.6	5.6	6.2	6.1	6.1	5.4	5.4	5.4	5.3	5.3	5.3	75
80	10.9	10.7	9	9.3	9.1	9.2	8	8	8	5.7	5.5	5.5	7	6.9	6.9	5.6	5.4	5.4	6	5.9	5.9	5.3	5.2	5.2	5.2	5.2	5.2	80
85	10.1	10.1	8.9	8.8	8.7	8.8	7.6	7.6	7.7	5.4	5.3	5.3	6.7	6.7	6.6	5.3	5.2	5.2	5.8	5.7	5.7	5.1	5.1	5.1	5.1	5	5	85
90	9.5	9.5	8.8	8.3	8.3	8.4	7.3	7.3	7.3	5.2	5.1	5.1	6.4	6.4	6.4	5.1	5.1	5	5.6	5.5	5.5	4.9	4.9	4.9	4.9	4.9	4.9	90
95	9	8.9	8.7	7.9	7.9	8	6.9	6.9	7	4.9	4.9	4.9	6.1	6.1	6.1	4.9	4.9	4.9	5.4	5.3	5.4	4.8	4.8	4.8	4.7	4.7	4.7	95
100	8.6	8.4	8.5	7.4	7.5	7.6	6.6	6.6	6.7	4.7	4.7	4.8	5.8	5.9	5.9	4.7	4.7	4.7	5.2	5.2	5.2	4.6	4.6	4.6	4.5	4.5	4.6	100
105	8.3	8	8.1	7	7.1	7.2	6.3	6.3	6.4	4.4	4.5	4.5	5.6	5.6	5.7	4.5	4.5	4.5	5	5	5	4.4	4.4	4.5	4.3	4.4	4.4	105
110	7.7	7.7	7.6	6.6	6.7	6.8	6	6	6.1	4.2	4.3	4.3	5.3	5.4	5.4	4.2	4.3	4.4	4.8	4.8	4.8	4.2	4.2	4.3	4.2	4.2	4.3	110
115	7.1	7.4	7.4	6.3	6.4	6.5	5.7	5.7	5.8	4	4.1	4.1	5.1	5.1	5.2	4	4.1	4.2	4.6	4.7	4.6	4	4.1	4.1	4	4	4.1	115
120	6.5	6.8	6.9	5.9	6	6.1	5.4	5.5	5.5	3.7	3.8	3.9	4.9	4.9	5	3.8	3.9	4	4.4	4.5	4.4	3.8	3.9	3.9	3.8	3.9	3.9	120
125	5.9	6.2	6.3	5.4	5.7	5.8	5.1	5.2	5.2	3.5	3.6	3.7	4.6	4.7	4.8	3.7	3.7	3.8	4.2	4.3	4.2	3.6	3.7	3.8	3.6	3.7	3.8	125
130	5.4	5.6	5.8	4.9	5.2	5.3	4.8	4.9	5	3.3	3.4	3.5	4.4	4.5	4.5	3.5	3.5	3.6	4	4.1	4.1	3.5	3.5	3.6	3.5	3.5	3.6	130
135	4.9	5.1	5.2	4.8	4.7	4.8	4.5	4.6	4.7	3.2	3.2	3.3	4.2	4.3	4.3	3.3	3.4	3.4	3.8	4	3.9	3.3	3.4	3.4	3.3	3.4	3.4	135
140	4.5	4.7	4.7	4.6	4.5	4.6	4.1	4.3	4.5	3	3.1	3.1	4	4.1	4.1	3.1	3.2	3.3	3.7	3.8	3.7	3.2	3.2	3.3	3.2	3.2	3.3	140
145	4.3	4.3		4.3	4.4	4.5	4	3.9	4	2.8	2.9	2.9	3.8	3.9	3.9	3	3	3.1	3.5	3.6	3.6	3	3.1	3.1	3	3.1	3.1	145
150	4.2	4.2		3.9	4.1	4.1	3.6	3.8	3.9	2.6	2.7	2.7	3.6	3.6	3.7	2.8	2.9	2.9	3.4	3.5	3.4	2.9	2.9	3	2.9	2.9	3	150
155	4.1	4.2		3.6	3.7	3.7	3.6	3.7	3.7	2.5	2.5	2.6	3.4	3.4	3.5	2.7	2.7	2.8	3.2	3.3	3.3	2.7	2.8	2.8	2.7	2.8	2.8	155
160				3.5	3.5		3.2	3.4	3.5	2.3	2.4	2.4	3.1	3.3	3.3	2.5	2.6	2.6	2.9	3.2	3.1	2.6	2.7	2.7	2.6	2.7	2.7	160
165				3.4	3.4		3	3.1	3.1	2.2	2.3	2.3	2.8	3	3.1	2.4	2.4	2.5	2.5	2.9	2.8	2.5	2.5	2.6	2.4	2.5	2.6	165
170				3.2	3.2		2.9	2.9		2.1	2.1	2.1	2.7	2.7	2.8	2.3	2.3	2.3	2.2	2.5	2.4	2.2	2.4	2.5	2.1	2.3	2.4	170
175							2.8	2.8		1.9	2	2	2.4	2.6	2.6	2.1	2.2	2.2	1.9	2.2	2.1	1.9	2.1	2.2	1.8	2	2.1	175
180							2.5	2.5		1.8	1.9		2.1	2.3		2	2.1	2.1	1.6	1.8	1.7	1.6	1.8	1.9	1.5	1.7	1.8	180
185										1.7	1.7		1.8	2		1.8	1.9	2		1.5	1.4		1.5	1.6		1.4	1.5	185
190										1.7	1.7		1.6	1.7		1.6	1.7											190
195													1.3					1.4										195

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Lifting capacities Forces de levage

TNZK



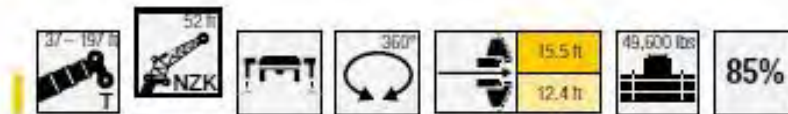
	37 ft			50 ft			62 ft			74 ft			86 ft			98 ft			111 ft			123 ft			
	52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	13.6			12.8			12.2																	12	
13	13.4			12.7			12.2																	13	
14	13.2			12.6			12.2			11.7														14	
15	13			12.4			12.1			11.7														15	
16	12.9			12.3			12			11.7			11.2											16	
17	12.7			12.2			11.9			11.6			11.3											17	
18	12.5			12			11.8			11.5			11.2			10.9								18	
19	12.3			11.9			11.7			11.5			11.2			10.9								19	
20	12.1			11.8			11.6			11.4			11.1			10.9			10.3					20	
22	11.7			11.5			11.4			11.2			11			10.8			10.4					22	
24	11.2			11.2			11.1			11			10.8			10.7			10.3			9.5		24	
26	10.8	8.4		10.8			10.9			10.8			10.7			10.5			10.1			9.5		26	
28	10.3	8.1		10.5	8.1		10.6			10.6			10.5			10.3			10			9.4		28	
30	9.9	7.8		10.1	7.9		10.3	7.9		10.3			10.3			10.2			9.9			9.4		30	
32	9.5	7.6		9.8	7.7		10	7.7		10.1	7.8		10			10			9.7			9.2		32	
34	9.1	7.4		9.4	7.5		9.7	7.6		9.8	7.6		9.8	7.6		9.8			9.6			9.2		34	
36	8.8	7.2		9.1	7.3		9.4	7.4		9.6	7.5		9.6	7.5		9.6			9.4			9.1		36	
38	8.5	7	5.9	8.9	7.1		9.2	7.2		9.4	7.3		9.4	7.3		9.4	7.4		9.3	7.4		9		38	
40	8.2	6.8	5.8	8.6	7	5.8	8.9	7.1		9.2	7.2		9.3	7.2		9.3	7.3		9.2	7.3		8.9		40	
45	7.5	6.4	5.6	8	6.6	5.6	8.4	6.7	5.6	8.6	6.8	5.6	8.8	6.9		8.9	7		8.9	7		8.6	6.9	45	
50	6.7	6.1	5.3	7.4	6.2	5.4	7.8	6.4	5.4	8.1	6.5	5.5	8.4	6.6	5.5	8.5	6.7	5.5	8.5	6.7		8.3	6.7	50	
55	6	5.8	5.1	6.8	6	5.2	7.3	6.1	5.3	7.7	6.3	5.3	8	6.4	5.4	8.1	6.5	5.4	8.2	6.5	5.4	8.1	6.5	5.4	55
60	5.5	5.5	4.9	6.2	5.7	5	6.9	5.9	5.1	7.3	6	5.2	7.6	6.1	5.2	7.8	6.2	5.3	7.9	6.3	5.3	7.8	6.3	5.3	60
65	5	5.2	4.7	5.7	5.5	4.8	6.4	5.7	4.9	6.8	5.8	5.1	7.2	5.9	5.1	7.4	6	5.2	7.6	6.1	5.2	7.5	6.1	5.2	65
70	4.6	5	4.6	5.3	5.3	4.7	5.9	5.5	4.8	6.4	5.6	4.9	6.8	5.7	5	7.1	5.9	5	7.3	5.9	5.1	7.3	5.9	5.1	70
75	4.3	4.8	4.5	4.9	5.1	4.6	5.5	5.3	4.7	6	5.5	4.8	6.5	5.6	4.9	6.8	5.7	4.9	7	5.7	5	7	5.8	5	75
80	3.9	4.6		4.5	4.9	4.5	5.1	5.1	4.6	5.6	5.3	4.7	6.1	5.4	4.8	6.5	5.5	4.8	6.7	5.6	4.9	6.8	5.6	4.9	80
85				4.2	4.7	4.5	4.8	5	4.5	5.3	5.2	4.6	5.8	5.3	4.7	6.2	5.4	4.8	6.4	5.5	4.8	6.5	5.5	4.8	85
90				4	4.6		4.5	4.8	4.5	5	5	4.6	5.4	5.2	4.6	5.9	5.2	4.7	6.2	5.3	4.7	6.3	5.4	4.8	90
95				3.8			4.2	4.7	4.5	4.7	4.9	4.5	5.2	5	4.6	5.6	5.1	4.6	5.9	5.2	4.7	6.1	5.3	4.7	95
100							4	4.6	4.2	4.5	4.8	4.5	4.9	4.9	4.5	5.3	5	4.6	5.6	5.1	4.6	5.9	5.1	4.6	100
105							3.8	4.6		4.2	4.7	4.5	4.6	4.9	4.5	5	4.9	4.5	5.4	5	4.5	5.6	5.1	4.6	105
110										4.1	4.6	4.5	4.4	4.8	4.5	4.8	4.9	4.5	5.1	4.9	4.5	5.4	5	4.5	110
115										3.9	4.6		4.2	4.7	4.5	4.6	4.8	4.5	4.9	4.9	4.5	5.2	4.9	4.5	115
120													4.1	4.6	4.5	4.4	4.7	4.5	4.7	4.8	4.5	5	4.8	4.5	120
125													3.9	4.6		4.2	4.7	4.5	4.5	4.8	4.5	4.8	4.8	4.5	125
130													3.8			4.1	4.6	4.5	4.4	4.7	4.5	4.6	4.7	4.5	130
135																3.9	4.6		4.2	4.6	4.5	4.4	4.7	4.5	135
140																3.8	4.6		4.1	4.6	4.5	4.3	4.7	4.5	140
145																			3.9	4.6		4.2	4.6	4.5	145
150																			3.8	4.6		4	4.5	4.5	150
155																			3.8			3.9	4.5		155
160																						3.8	4.2		160
165																						3.7	3.8		165

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Lifting capacities

Forces de levage

TNZK

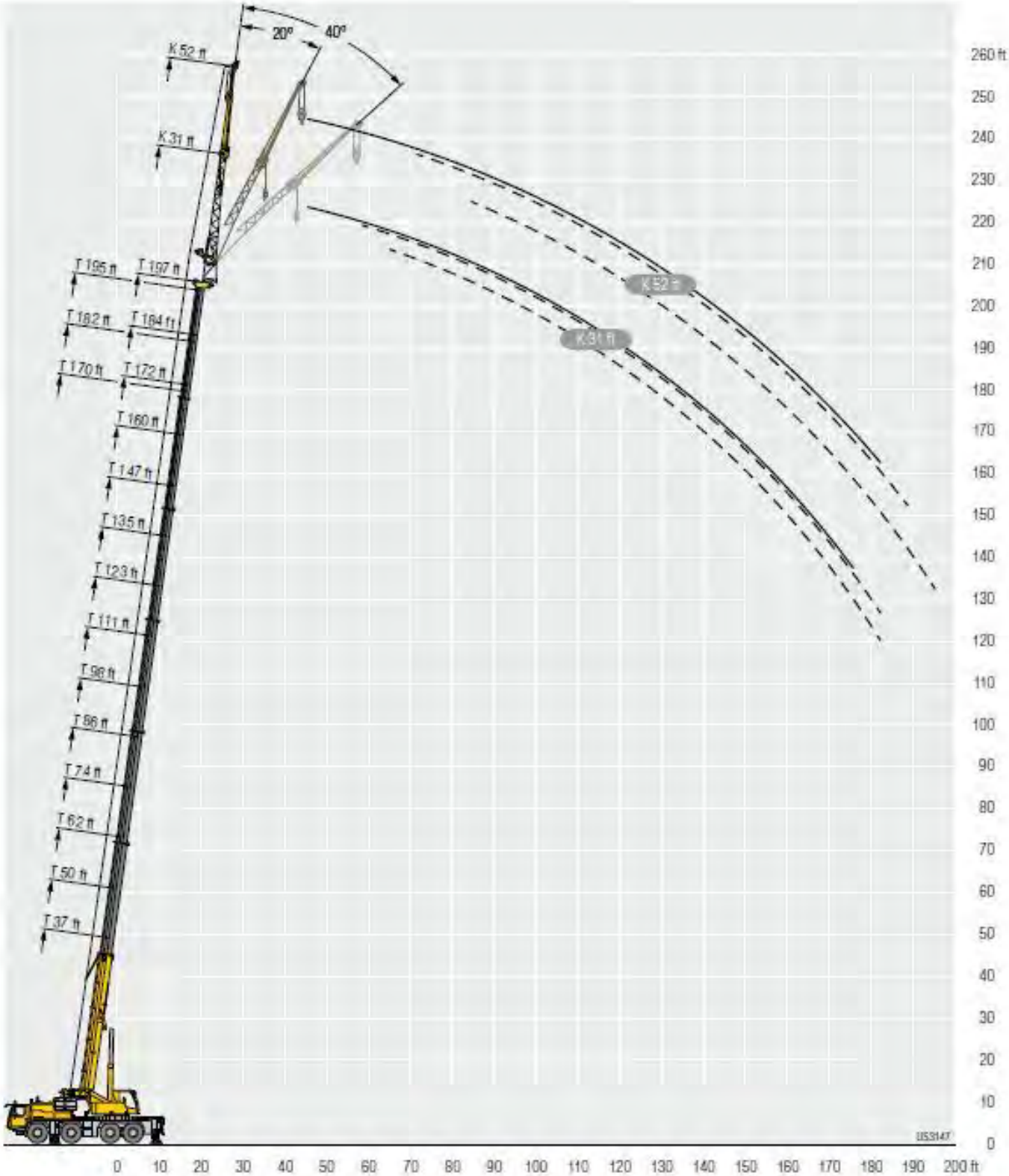


	135 ft			147 ft			160 ft			170 ft			172 ft			182 ft			184 ft			195 ft			197 ft			
	52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
26	8.7																											26
28	8.7																											28
30	8.7			7.7																								30
32	8.6			7.7																								32
34	8.6			7.7			6.7																					34
36	8.5			7.7			6.7																					36
38	8.4			7.7			6.7			4.9			5.6															38
40	8.4			7.6			6.7			4.9			5.7			4.5			4.7									40
45	8.1	6.7		7.5			6.7			4.9			5.7			4.5			4.7			3.9			3.8			45
50	8	6.6		7.4	6.3		6.6			4.9			5.7			4.5			4.7			3.9			3.7			50
55	7.7	6.3		7.2	6.1		6.5	5.8		4.9			5.8			4.5			4.7			3.8			3.6			55
60	7.5	6.2	5.2	7.1	6		6.4	5.7		4.8	4.7		5.7	5.2		4.4			4.7			3.8			3.6			60
65	7.3	6	5.1	6.9	5.8	5	6.3	5.5		4.7	4.7		5.6	5.2		4.3			4.6	4.5		3.7			3.5			65
70	7.1	5.8	5	6.7	5.7	5	6.2	5.4	4.8	4.7	4.7		5.6	5.1		4.3			4.6	4.5		3.7	3.9		3.5	3.7		70
75	6.9	5.7	5	6.5	5.6	4.9	6.1	5.3	4.8	4.6	4.6	4.4	5.5	5	4.6	4.3			4.5	4.5		3.6	3.8		3.4	3.7		75
80	6.7	5.6	4.9	6.4	5.5	4.8	6	5.2	4.7	4.6	4.5	4.4	5.4	4.9	4.6	4.2	4.2	4.3	4.5	4.5	4.3	3.6	3.8		3.4	3.6		80
85	6.5	5.4	4.8	6.2	5.3	4.8	5.9	5.1	4.7	4.5	4.3	4.2	5.4	4.9	4.5	4.2	4.1	4.2	4.5	4.5	4.3	3.5	3.8	4	3.3	3.6	4	85
90	6.3	5.3	4.8	6.1	5.2	4.7	5.7	5	4.6	4.3	4.2	4.1	5.2	4.8	4.5	4.1	4	4.1	4.5	4.4	4.2	3.4	3.7	3.9	3.3	3.5	3.9	90
95	6.1	5.2	4.7	5.9	5.1	4.7	5.6	5	4.6	4.1	4.1	4	5.1	4.7	4.5	4	3.9	4	4.4	4.2	4.2	3.4	3.7	3.8	3.2	3.5	3.8	95
100	5.9	5.1	4.7	5.8	5.1	4.6	5.5	4.9	4.5	4	3.9	3.9	5	4.7	4.4	3.9	3.8	3.9	4.3	4.1	4	3.4	3.6	3.7	3.2	3.4	3.7	100
105	5.7	5	4.6	5.6	5	4.6	5.4	4.8	4.5	3.8	3.8	3.8	4.9	4.6	4.4	3.8	3.7	3.7	4.2	4	3.9	3.3	3.6	3.6	3.1	3.4	3.6	105
110	5.5	5	4.6	5.5	4.9	4.5	5.2	4.8	4.5	3.7	3.7	3.7	4.7	4.5	4.4	3.7	3.6	3.6	4	3.9	3.9	3.3	3.5	3.6	3.1	3.3	3.5	110
115	5.3	4.9	4.5	5.3	4.8	4.5	5.1	4.7	4.5	3.5	3.5	3.5	4.5	4.4	4.4	3.5	3.5	3.5	3.9	3.8	3.8	3.3	3.4	3.5	3	3.3	3.4	115
120	5.1	4.8	4.5	5.2	4.8	4.5	4.9	4.6	4.5	3.4	3.4	3.4	4.3	4.3	4.3	3.4	3.4	3.4	3.8	3.7	3.7	3.2	3.3	3.4	3	3.3	3.3	120
125	5	4.8	4.5	5	4.7	4.5	4.7	4.5	4.4	3.2	3.3	3.3	4.1	4.2	4.2	3.2	3.3	3.3	3.6	3.6	3.6	3.1	3.2	3.3	2.9	3.2	3.2	125
130	4.8	4.7	4.5	4.8	4.7	4.5	4.4	4.4	4.4	3	3.1	3.2	3.9	4	4.1	3.1	3.2	3.2	3.5	3.5	3.5	3	3.1	3.2	2.9	3.1	3.2	130
135	4.6	4.7	4.5	4.6	4.6	4.5	4.3	4.3	4.4	2.9	3	3.1	3.8	3.9	4	2.9	3.1	3.1	3.4	3.4	3.4	2.9	3	3.1	2.8	3	3.1	135
140	4.4	4.6	4.5	4.4	4.6	4.4	4	4.1	4.3	2.7	2.8	3	3.6	3.7	3.8	2.8	3	2.9	3.2	3.3	3.3	2.8	2.9	3	2.7	2.9	3	140
145	4.3	4.6	4.5	4	4.4	4.4	3.8	3.9	4.1	2.5	2.7	2.8	3.4	3.5	3.6	2.6	2.9	2.8	3.1	3.2	3.2	2.7	2.8	2.9	2.6	2.8	2.8	145
150	4.1	4.5	4.5	3.6	4	4.2	3.6	3.8	3.9	2.4	2.5	2.6	3.3	3.4	3.5	2.5	2.7	2.6	3	3.1	3.1	2.5	2.6	2.7	2.5	2.6	2.7	150
155	3.8	4.1	4.2	3.5	3.6	3.8	3.3	3.6	3.7	2.3	2.4	2.5	3.1	3.2	3.3	2.4	2.6	2.5	2.9	2.9	3	2.4	2.5	2.6	2.4	2.5	2.6	155
160	3.5	3.7	3.8	3.3	3.4	3.5	2.9	3.3	3.5	2.1	2.2	2.3	3	3.1	3.2	2.2	2.5	2.4	2.7	2.8	2.9	2.3	2.4	2.5	2.3	2.4	2.5	160
165	3.2	3.4	3.4	3.1	3.2	3.3	2.8	3	3.1	2	2.1	2.2	2.7	2.9	3	2.1	2.3	2.2	2.6	2.7	2.8	2.2	2.3	2.4	2.2	2.3	2.3	165
170	2.9	3.1		3	3	3.1	2.8	2.8	2.8	1.9	2	2	2.6	2.7	2.9	2	2.2	2.1	2.5	2.6	2.6	2.1	2.2	2.2	2.1	2.2	2.2	170
175	2.9	2.9		2.7	2.9	2.9	2.6	2.7	2.8	1.8	1.8	1.9	2.4	2.5	2.6	1.9	2.1	2	2.2	2.4	2.5	2	2	2.1	1.9	2.1	2.1	175
180	2.8			2.5	2.6		2.3	2.6	2.6	1.6	1.7	1.8	2.2	2.4	2.5	1.8	1.9	1.9	1.8	2.3	2.4	1.8	1.9	2	1.7	1.9	2	180
185				2.4	2.5		2.2	2.3	2.3	1.5	1.6	1.6	2	2.2	2.3	1.7	1.8	1.8	1.6	1.9	2.1	1.5	1.8	1.9	1.5	1.8	1.9	185
190				2.4			2.1	2.2		1.4	1.5	1.5	1.8	2	2	1.6	1.7	1.7		1.8	1.8		1.6	1.8		1.6	1.7	190
195							1.9	2.1			1.4	1.4	1.8	1.8	1.9	1.5	1.6	1.6		1.4	1.5		1.4	1.5			1.5	195
200							1.7	1.8					1.4	1.5			1.5	1.4										200

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Lifting heights Hauteurs de levage

TNZK



Lifting capacities

Forces de levage

TK



	37 ft				50 ft				62 ft				64 ft				74 ft				76 ft					
	6.5 ft				6.5 ft				6.5 ft				6.5 ft				6.5 ft				6.5 ft					
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°		
12			54.5	43.6			54.5	43.6			54.5	43.6			40.4	38.4			54.5	43.6					12	
13			54.5	43.6			54.5	43.6			54.5	43.6			39.1	37			54.5	43.6			38.4		13	
14			54.5	43.6			54.5	43.6			54.5	43.6			37.6	35.7			54.5	43.6			37.3	35.2	14	
15			54.5	43.6			54.5	43.6			54.5	43.6			36.3	34.5			54.5	43.6			36.2	34.3	15	
16			54.5	43.2			54.5	43.6			54.5	43.6			34.9	33.3			54.5	43.6			35.1	33.4	16	
17			54.5	42.6			54.5	43.6			54.5	43.6			33.8	32.2			54.5	43.6			34.1	32.5	17	
18		54.5	54.5	42			54.5	43.6			54.5	43.6			32.6	31.2			54.5	43.6			33.2	31.6	18	
19		54.5	54.5	41.4			54.5	43.6			54.5	43.6			31.5	30.3			54.5	43.6			32.2	30.8	19	
20		54.5	54.5	40.8			54.5	43.5			54.5	43.6			30.5	29.3			54.5	43.6			31.4	30	20	
22		54.5	54.5	39.7			54.5	42.6			54.5	43.6			28.6	27.6			54.5	43.6			29.8	28.5	22	
24		54.5	54.5	38.7			54.5	41.7			54.5	43.6			27	26.1			54.5	43.6			28.2	27.2	24	
26		54.5	54.5	37.9		54.5	54.5	40.8			54.5	43			25.4	24.7			54.5	43.6			26.7	25.9	26	
28	54.5	54.5	54.5	37.4		54.5	54.5	40			54.5	42.3			24.2	23.4			54.5	43.6			25.4	24.7	28	
30	54.5	54.5	54.5	37.2		54.5	54.5	39.2			54.5	41.5			22.9	22.3			54.5	43.3			24.1	23.6	30	
32	54.5	54.5	54.5	37.2		54.4	54.5	38.5		54.3	54.1	40.8			21.7	21.2			54.3	42.7			23	22.5	32	
34	50.9	51.3	51.5	37.2		52	52.3	37.9		51.6	52	40.1		21.5	20.7	20.3			51.7	42.1			22	21.5	34	
36	44.4	47.6	47.8	36.9		48.4	48.7	37.5		48.1	48.4	39.5		20.4	19.8	19.4			48.4	41.4			21	20.6	36	
38					44.8	45.1	45.4	37.2		45.6	45.1	38.8		19.5	18.8	18.5			47.2	45.8	40.8		20.1	19.8	38	
40					41.8	42.2	42.4	37.2		42.6	42.6	38.3		18.6	18	17.7			42.6	42.8	40.2		19.6	19.3	40	
45					35.8	36	36.1	36.2		36.4	36.7	36.8		16.7	16.2	16			36.3	36.6	36.8		17.8	17.4	45	
50									31.3	31.5	31.7	31.9	15.4	15	14.7	14.8			31.5	31.7	31.8		16.1	15.8	50	
55									27.4	27.6	27.7	27.7	14	13.7	13.4	13.4			28.1	27.9	27.9		14.7	14.5	55	
60									24.8	24.9	24.8	24.9	12.7	12.5	12.4	12.5	24.9	25	25.1	25.2		13.7	13.5	13.3	60	
65																	22	22.1	22.2	22.2		12.6	12.4	12.3	65	
70																	19.6	19.7	19.7	19.7		11.7	11.6	11.5	70	
75																						11	10.9	10.9	11.1	75

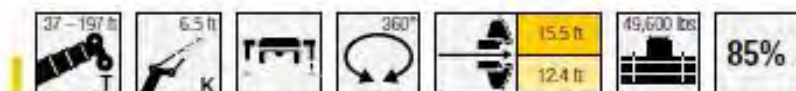
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	86 ft				89 ft				91 ft				98 ft				103 ft				111 ft						
	6.5 ft				6.5 ft				6.5 ft				6.5 ft				6.5 ft				6.5 ft						
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°			
13			54.5																						13		
14			54.5																						14		
15			54.5	43.6			27.2																		15		
16			54.5	43.6			26.6				25.8				54.5										16		
17			54.5	43.6			25.8	24.8			25.1	24			54.5										17		
18			54.5	43.6			25	24.1			24.4	23.5			54.5	43.6			23.5						18		
19			54.5	43.6			24.3	23.4			23.7	22.9			54.5	43.6			23.1				45.6		19		
20			54.5	43.6			23.6	22.8			23	22.2			54.5	43.6			22.6	21.8			46.8		20		
22			54.5	43.6			22.3	21.5			21.8	21.1			54.5	43.6			21.5	20.8			46	43.6	22		
24			54.5	43.6			21.1	20.4			20.6	20			54	43.6			20.5	19.9			45.1	43.6	24		
26			54.5	43.6			20	19.4			19.5	19			53	43.6			19.6	19			44.2	43.6	26		
28			54.5	43.6			18.9	18.4			18.6	18.1			51.7	43.6			18.8	18.2			43.3	43.5	28		
30			54.3	43.6			18	17.6			17.7	17.2			50.4	43.6			18	17.5			42.4	42.9	30		
32			53.8	43.6			17.2	16.8			16.8	16.4			49	43.6			17.2	16.8			41.5	42	32		
34			51.6	43.5			16.4	16			16.1	15.7			47.8	43.6			16.5	16.1			40.6	41.1	34		
36			48.8	43			15.6	15.3			15.3	15			46.5	43.6			15.9	15.5			39.8	40.2	36		
38			45.4	42.4			15	14.7			14.7	14.4			44.4	43.6			15.3	14.9			38.9	39.3	38		
40			42.5	41.5			14.3	14.1			14.1	13.8			41.8	41.6			14.7	14.4			38.1	38.5	40		
45			36.3	36.4			12.8	12.7			12.6	12.4			36.9	36.8			13.4	13.1			36	35.9	45		
50			32.2	32.4	32.5		11.8	11.7	11.5		11.6	11.4	11.3			32	32.2			12.2	12.1			31.3	31.5	50	
55			28.3	28.4	28.5		10.7	10.6	10.5		10.5	10.4	10.2			27.4	28	28.1		11.2	11.1			27.3	27.5	55	
60			24.8	25	25.1		9.8	9.7	9.7		9.6	9.5	9.5			24.4	24.5	24.6		10.4	10.4	10.3		19.4	23.8	60	
65			21.9	22	22.1		9.1	9	9		8.9	8.8	8.8			21.5	21.5	21.6		9.8	9.6	9.5		20.8	20.8	65	
70			19.3	19.4	19.5	19.6	8.6	8.5	8.4	8.4		8.3	8.3	8.2		19	19	19.1		9	9	9		18.3	18.3	70	
75			17.3	17.3	17.4	17.4	8.1	7.9	7.9	7.9	7.9	7.8	7.8			16.9	16.9	17		8.5	8.5	8.5		16.2	16.2	75	
80			15.5	15.5	15.5	15.5	7.6	7.5	7.5	7.5	7.4	7.3	7.3	7.3	14.9	15.1	15.1	15.1		8	8.1	8.1		14.4	14.4	80	
85																				7.7	7.6	7.7	7.7		13.7	13.6	85
90																				7.4	7.3	7.3	7.4		12.6	12.6	90
95																				7.1	7	7.1	7.1		11.3	11.4	95
100																				6.8	6.7	6.9	6.9		10.2	10.2	100
105																								9.3	9.3	9.3	105
110																								7.6	8.6	8.6	110

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Lifting capacities Forces de levage

TK

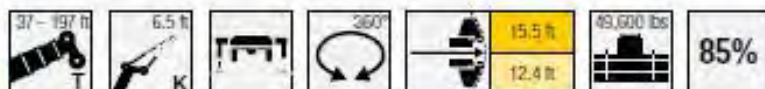


	115 ft				117 ft				123 ft				129 ft				135 ft				142 ft				
	6.5 ft				6.5 ft				6.5 ft				6.5 ft				6.5 ft				6.5 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
22			19.9				19.3				37.7														22
24			19	18.8			18.5	18.2			37.5	30.6			17.7				21.9						24
26			18.2	17.9			17.7	17.4			37.3	37.7			17.2	16.9			29.8	20.6					26
28			17.4	17.1			16.9	16.7			37.1	37.5			16.6	16.3			29.5	29.6			15.4	13.9	28
30			16.6	16.4			16.2	16			36.8	37.2			16	15.8			29	29.1			15	13.7	30
32			15.9	15.7			15.5	15.3			36.3	36.8			15.4	15.2			28.3	28.4			14.5	13.3	32
34			15.2	15.1			14.8	14.7			35.7	36			14.8	14.6			27.6	27.5			14	13	34
36			14.6	14.4			14.2	14.1			34.9	34.8			14.2	14.1			26.7	26.6			13.6	12.6	36
38			14	13.8			13.6	13.5			33.7	33.6			13.7	13.6			25.8	25.7			13.2	12.2	38
40			13.4	13.3			13.1	13			32.5	32.5			13.2	13.1			24.9	24.8			12.8	11.9	40
45			12.1	12			11.8	11.7			29.8	29.8			12.1	12			22.7	22.7			11.8	11	45
50			11	11			10.8	10.7			27.4	27.4			11.1	11			21.1	20.8			10.9	10.3	50
55			10.1	10			9.9	9.8			25.1	25.1			10.2	10.1			19.9	19.5			10.1	9.6	55
60			9.2	9.2			9	9			22.9	23.1			9.5	9.4			18.9	18.5			9.5	9	60
65		8.5	8.6	8.6		8.3	8.4	8.4			20.2	20.4			8.9	8.8			17.9	17.6			8.9	8.6	65
70		8	8	8		7.8	7.9	7.9		17.8	17.9	17.9			8.3	8.3			17	16.8			8.4	8.1	70
75		7.5	7.5	7.5		7.3	7.4	7.4		16.2	16.1	16.2		7.7	7.9	7.8		13.5	16	15.9			7.9	7.7	75
80		7	7.1	7		6.9	6.9	6.9		15	15	15		7.3	7.4	7.4		14.3	14.4	14.5		7.2	7.4	7.3	80
85		6.6	6.6	6.6		6.5	6.5	6.5		13.4	13.4	13.5		6.9	7	7		12.7	12.8	12.9		6.9	7	6.9	85
90		6.2	6.3	6.3		6.1	6.2	6.2		11.9	12	12		6.6	6.7	6.7		11.2	11.4	11.4		6.5	6.6	6.5	90
95	5.9	5.9	5.9	6	5.8	5.8	5.8	5.8		10.7	10.7	10.7		6.3	6.3	6.3		10	10	10.1		6.2	6.2	6.2	95
100	5.6	5.6	5.6	5.7	5.5	5.5	5.5	5.5	9.5	9.5	9.6	9.6		6	6	6		8.9	9	9.1		5.8	5.9	5.8	100
105	5.3	5.3	5.4	5.4	5.2	5.2	5.3	5.3	8.7	8.7	8.7	8.7	5.7	5.7	5.7	5.8		8.2	8.3	8.3		5.5	5.6	5.5	105
110	5.1	5.1	5.1	5.2	5	5	5	5	8	8	8	8	5.5	5.4	5.5	5.5	8	7.9	8	8		5.3	5.3	5.3	110
115					4.8	4.8	4.9	4.9	7.4	7.3	7.5	7.5	5.2	5.2	5.3	5.3	7.5	7.6	7.6	7.6	5	5	5	5	115
120									7.3	7.1	7.3	7.5	5	5	5.1	5.1	6.9	7	7	7	4.8	4.8	4.8	4.8	120
125													4.9	4.9	4.9	5	6.4	6.4	6.4	6.4	4.5	4.5	4.6	4.5	125
130																	5.9	5.9	5.9	5.9	4.3	4.3	4.4	4.3	130
135																					4.1	4.1	4.2	4.2	135
140																					4	4	4.1	4.1	140

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Lifting capacities Forces de levage

TK



	144 ft				147 ft				156 ft				160 ft				168 ft				170 ft					
	6.5 ft				6.5 ft				6.5 ft				6.5 ft				6.5 ft				6.5 ft					
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°		
28			15				22.8																		28	
30			14.7	13.4			22.6	22.6			12.6				13.4											30
32			14.3	13.1			22.3	22.3			12.4	12.3			17.8	13.7			11.1							32
34			13.8	12.8			21.9	21.9			12.2	12.1			17.6	17.7			11				10.7			34
36			13.4	12.4			21.5	21.5			11.9	11.8			17.3	17.4			10.9	10.9			10.6	10.6		36
38			13	12			21.1	21			11.6	11.5			17	17.1			10.7	10.7			10.5	10.5		38
40			12.6	11.7			20.6	20.5			11.4	11.3			16.8	16.8			10.5	10.5			10.3	10.3		40
45			11.7	10.9			19.3	19.2			10.6	10.6			16	16			10	10			9.8	9.8		45
50			10.8	10.1			17.9	17.8			10	9.9			15	15			9.5	9.5			9.4	9.3		50
55			10	9.5			16.6	16.6			9.4	9.4			14	14			9.1	9			9	9		55
60			9.4	9			15.3	15.3			8.9	8.9			13.1	13.1			8.7	8.7			8.6	8.6		60
65			8.9	8.5			14.1	14.1			8.5	8.5			12.2	12.2			8.3	8.3			8.2	8.2		65
70			8.4	8.1			13	13.1			8.1	8.1			11.5	11.4			8	7.9			7.7	7.8		70
75			7.9	7.7			12	12.1			7.8	7.8			10.7	10.7			7.6	7.6			7.3	7.3		75
80			7.5	7.3			11.1	11.1			7.4	7.4			10	10			7.2	7.2			6.9	6.9		80
85		6.9	7.1	6.9		10	10.4	10.4			7.1	7.1			9.2	9.3			6.8	6.8			6.6	6.6		85
90		6.5	6.6	6.5		9.4	9.6	9.7		8.7	6.8	6.8			8.7	8.7			6.5	6.5			6.2	6.2		90
95		6.2	6.3	6.2		9	9.2	9.1		8.4	6.4	6.4		7.6	8.2	8.2			6.1	6.1			5.9	5.9		95
100		5.9	5.9	5.9		8.7	8.8	8.8		8.1	6.1	6.1		7.3	7.7	7.7		5.7	5.8	5.8			5.6	5.6		100
105		5.6	5.6	5.5		8.4	8.4	8.4		5.9	5.8	5.9		7	7.3	7.3		5.4	5.5	5.5			5.3	5.3		105
110		5.3	5.3	5.3		7.7	7.7	7.8		5.6	5.6	5.6		6.8	6.9	6.9		5.2	5.2	5.2			5	5		110
115		5	5.1	5		7.1	7	7.1		5.3	5.3	5.3		6.5	6.7	6.7		4.9	4.9	4.9			4.7	4.7		115
120		4.8	4.8	4.8	6.4	6.4	6.4	6.5		5.1	5.1	5.1		6.3	6.5	6.5		4.6	4.6	4.7			4.5	4.5		120
125		4.5	4.6	4.6	5.9	5.9	6	6		4.9	4.9	4.9		6	6	6		4.4	4.4	4.4			4.2	4.2		125
130		4.3	4.4	4.4	5.7	5.7	5.8	5.9		4.7	4.6	4.7	5.1	5.5	5.5	5.5		4.2	4.2	4.2			4	4		130
135		4.2	4.2	4.2	5.5	5.5	5.5	5.5		4.5	4.5	4.5	4.9	5	5	5		4	4	4			3.8	3.8		135
140		4	4	4	5	5.1	5	5.1		4.3	4.3	4.3	4.7	4.7	4.8	4.7		3.8	3.8	3.8			3.6	3.6		140
145					4.6	4.7	4.7	4.6		4.1	4.2	4.2	4.5	4.5	4.6	4.5		3.6	3.6	3.6			3.4	3.4		145
150										4	4	4	4.2	4.2	4.2	4.2		3.4	3.4	3.4			3.2	3.2		150
155										3.9	4		3.8	3.9	3.9	3.9		3.2	3.2	3.3			3.1	3.1		155
160																		3.1	3.1	3.1			2.9	2.9		160
165																		3	3	3			2.8	2.8		165

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Lifting capacities Forces de levage

TK



	172 ft 6.5 ft				182 ft 6.5 ft				184 ft 6.5 ft				195 ft 6.5 ft				197 ft 6.5 ft				
	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	0°	20°	40°	60°	
34			12.9																		34
36			12.8	12.9			9.4				10.2										36
38			12.7	12.7			9.4	9.5			10.1	10.2			8.3						38
40			12.5	12.6			9.4	9.4			10	10.1			8.3				8.1		40
45			12.1	12.2			9.2	9.2			9.8	9.8			8.3	8.3			8	8.1	45
50			11.7	11.7			9	9			9.5	9.5			8.1	8.2			7.9	8	50
55			11.1	11.2			8.7	8.6			9.2	9.2			8	8			7.8	7.9	55
60			10.5	10.5			8.4	8.3			8.9	8.9			7.8	7.8			7.6	7.7	60
65			9.9	9.9			8	8			8.6	8.6			7.6	7.6			7.4	7.5	65
70			9.3	9.4			7.6	7.6			8.3	8.3			7.3	7.3			7.2	7.2	70
75			8.9	8.9			7.3	7.3			7.9	7.9			7	7			6.9	6.9	75
80			8.5	8.5			6.9	6.9			7.6	7.6			6.7	6.7			6.6	6.7	80
85			8.1	8.1			6.6	6.6			7.3	7.3			6.4	6.4			6.4	6.4	85
90			7.7	7.7			6.3	6.3			7	7			6.1	6.1			6.1	6.1	90
95			7.3	7.3			6	6			6.7	6.7			5.9	5.9			5.8	5.9	95
100		6.4	7	7			5.7	5.7			6.4	6.4			5.6	5.6			5.6	5.6	100
105		6.1	6.7	6.7			5.4	5.4			6.1	6.1			5.4	5.4			5.4	5.4	105
110		5.8	6.3	6.3			5.1	5.2			5.8	5.9			5.1	5.1			5.1	5.1	110
115		5.5	6	6			4.9	4.9			5.6	5.6			4.9	4.9			4.9	4.9	115
120		5.2	5.7	5.7			4.6	4.7			5.3	5.3			4.7	4.7			4.7	4.7	120
125		5	5.5	5.4			4.4	4.4			5.1	5.1			4.5	4.5			4.5	4.5	125
130		4.8	5.2	5.3			4.2	4.2			4.9	4.9			4.3	4.3			4.3	4.3	130
135		4.5	5	5			4	4			4.6	4.6			4.1	4.1			4.1	4.1	135
140		4.3	4.6	4.6			3.8	3.8			4.4	4.4			3.9	4			3.9	3.9	140
145		4.1	4.2	4.2			3.7	3.7			4	4			3.8	3.8			3.7	3.7	145
150		3.9	4	4			3.5	3.5			3.6	3.6			3.6	3.6			3.5	3.5	150
155		3.7	3.7	3.7			3.3	3.3			3.2	3.3			3.3	3.3			3.3	3.3	155
160		3.3	3.3	3.3			3.2	3.2			2.9	2.9			3	3			2.9	2.9	160
165		3	3	3			3	3			2.5	2.5			2.6	2.6			2.5	2.5	165
170		2.7	2.7	2.7			2.7	2.7			2.1	2.1			2.2	2.2			2.2	2.2	170
175							2.4	2.4			1.8	1.8			1.9	1.9			1.8	1.8	175
180							2.1	2.1													180

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Lifting heights Hauteurs de levage

TK

