

Mobile Crane Grue mobile

LTM 1200-5.1

Technical Data
Caractéristiques techniques



LICCON2

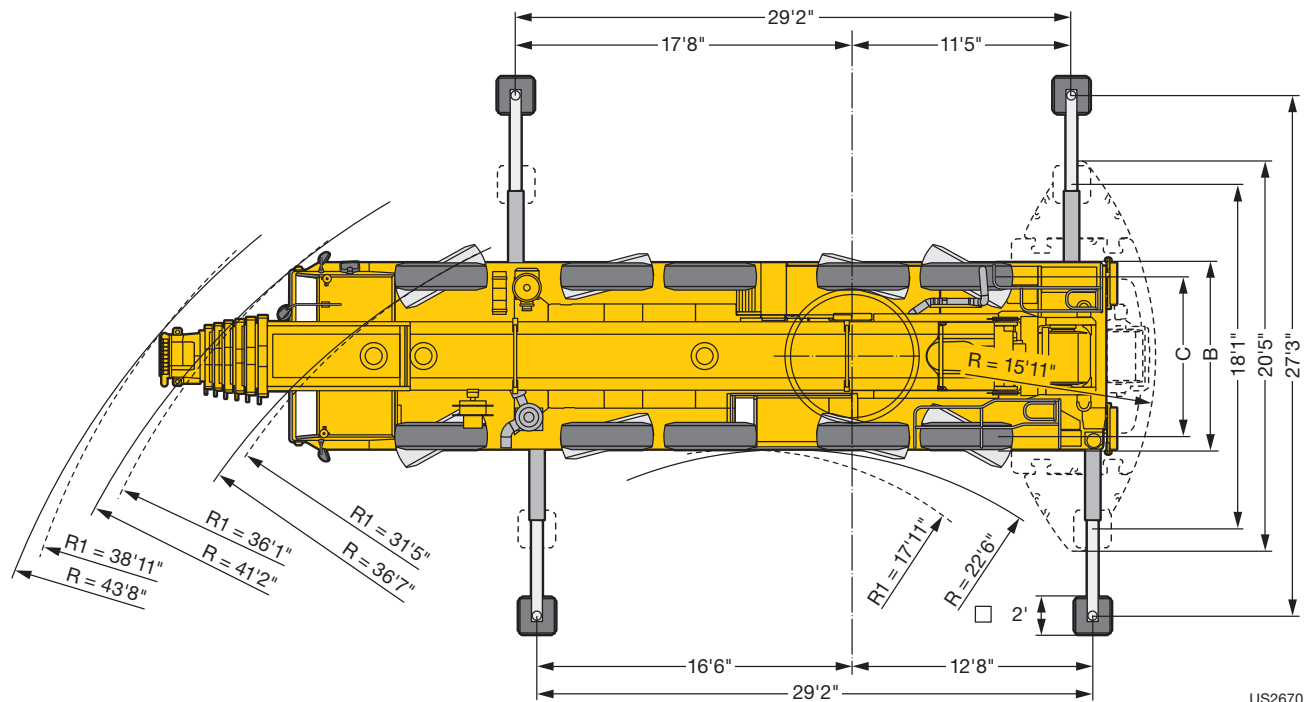
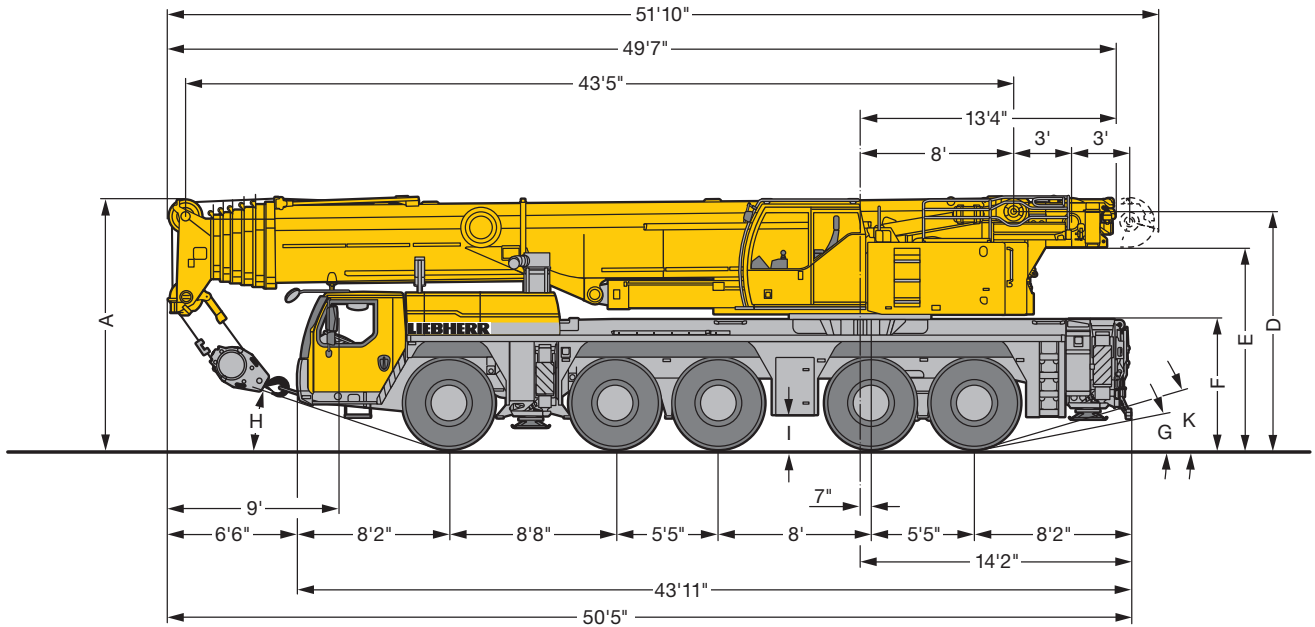


LIEBHERR

Dimensions Encombrement



LICON2



US2670

R₁ = All-wheel steering · Direction toutes roues

		Dimensions / Encombrement										
		A	A 0'6"*	B	C	D	E	F	G	H	I	K
445/95 R 25 (16.00 R 25)		13'1"	12'8"	9'10"	8'4"	12'4"	10'6"	6'9"	11°	17°	1'5"	16°
525/80 R 25 (20.5 R 25)		13'1"	12'8"	10'2"	8'5"	12'4"	10'6"	6'9"	11°	17°	1'5"	16°

* lowered · abaissé

Weights Poids



LICCON2



Axle Essieu lbs	1	2	3	4	5	Total weight lbs Poids total lbs
	26400	26400	26400	26400	26400	132000



Load kips Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
332.9	9	16	4409
315.3	7	15	3306
238	5	11	2866
156.5	3	7	2292
69	1	3	1874
23.1	-	1	1102

Working speeds Vitesses



			%
445/95 R 25 (16.00 R 25) 525/80 R 25 (20.5 R 25)	0.3	50	56 %

	12 / R2
	4 / R2



Drive Mécanismes	infinitely variable en continu	Rope diameter / Rope length Diamètre du câble / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 427 ft/min single line ft/min au brin simple	0.8" / 920 ft	23600 lbs
	0 – 427 ft/min single line ft/min au brin simple	0.8" / 920 ft	23600 lbs
	0 – 1.3 rpm		
	approx. 65 seconds to reach 82° boom angle env. 65 s jusqu'à 82°		
	approx. 638 seconds for boom extension from 43 ft – 236 ft env. 638 s pour passer de 43 ft – 236 ft		

Lifting capacities Forces de levage



T



43 - 236 ft
 T

 360°
 159000 lbs
 85%

ft	ft															ft		
	43 ft	58 ft	73 ft	88 ft	103 ft	117 ft	132 ft	147 ft	162 ft	177 ft	191 ft	206 ft	219 ft	221 ft	234 ft		236 ft	
10	430	295	295	292.4													10	
11	314.3	295	295	293.3													11	
12	311.6	295	295	291.9	275.9												12	
13	295.2	295	294.4	289	273.8												13	
14	283.3	288	288.8	281.1	271.5												14	
15	272.5	277	276.1	267.2	258.7	217.8											15	
16	259.8	265.5	263.1	252	245	216.6											16	
17	255.3	255	254.1	243	236.7	215.4											17	
18	247.3	245.2	245.1	234.6	228.8	214.2											18	
19	238	236.1	236.1	226.8	221.2	213	173.1										19	
20	229.2	227.5	228.8	219.6	213.8	206.8	172										20	
22	213	211.9	213.3	206.8	200.8	194.5	169.7	132.8									22	
24	198.6	197.9	199.4	195.2	189.4	183.1	167.2	129.6									24	
26	180.9	185.5	186.9	184.7	179.3	173	161.9	126.5	95.2								26	
28	168.9	174.4	175.7	174.3	170.4	164	156.1	123.3	92.5	57.2							28	
30	160.9	164.4	165.8	164.2	162.3	155.9	150.3	119.8	89.8	75							30	
32	144.8	155.4	156.8	155.1	154.9	148.8	144.5	116.1	87.1	73	45.2						32	
34	125	138.2	148.2	146.6	147.9	142	138.7	112.5	84.3	70.9	59.6						34	
36			140.3	138.7	140.2	136.2	133.8	108.9	81.4	68.9	58.3	47.7					36	
38			133.1	131.5	133	130.3	128.5	105.2	78.6	66.9	57.1	46.9					38	
40			126.4	124.6	126.1	124.6	123.3	101.8	75.7	65	55.8	46.1	38.5				40	
45			110.8	111.3	110.6	109.4	111.2	95	68.8	60.2	52.5	44	37.1	28.9	31.5		45	
50			75.7	98.1	97.4	98.2	97.9	88.6	63.5	55.4	49.1	41.8	35.6	27.7	30.4	26	25.6	50
55				87.1	86.3	88.2	86.8	82.6	58.5	51.5	45.6	39.5	34.1	26.5	29.3	25	24.6	55
60				77.9	77	79	77.5	77.6	53.5	48	42.6	37.3	32.6	25.3	28.1	23.9	23.6	60
65				49.7	69.1	71	69.5	70.9	49.8	44.6	39.9	35.2	31.1	24.1	26.9	22.9	22.6	65
70					64.1	64.2	64.5	64.4	46.7	41.3	37.4	33.3	29.6	22.8	25.7	22	21.6	70
75					59.4	58.4	60.3	58.8	43.5	38.8	34.8	31.6	28.1	21.6	24.5	21	20.5	75
80						53.4	55.2	53.7	40.8	36.6	32.6	29.9	26.8	20.6	23.3	20.1	19.5	80
85						48.9	50.7	49.1	38.8	34.3	30.8	28.2	25.4	19.6	22.4	19.2	18.5	85
90						45.6	46.7	45.1	37.3	32	29.1	26.7	24.1	18.7	21.5	18.4	17.6	90
95							43.1	41.6	35.9	29.8	27.4	25.3	22.8	17.8	20.6	17.6	16.7	95
100							40	38.4	34.5	28.2	25.7	23.9	21.7	16.9	19.7	16.8	15.8	100
105							37.2	35.6	33.1	26.6	24	22.5	20.7	16.1	18.9	16.1	15	105
110								33.1	32.1	25	22.7	21.1	19.7	15.4	18.1	15.3	14.1	110
115								30.7	31.2	23.4	21.5	19.8	18.6	14.7	17.4	14.7	13.4	115
120								28.5	30	22.2	20.4	18.8	17.6	14.1	16.7	14.1	12.7	120
125									27.9	21.3	19.2	17.9	16.7	13.4	16	13.6	12.1	125
130									26.1	20.3	18	17	15.9	12.7	15.3	13	11.5	130
135									24.4	19.5	17.2	16.2	15.2	12.1	14.5	12.5	10.9	135
140										18.9	16.3	15.3	14.5	11.6	13.9	12	10.2	140
145										18.4	15.6	14.6	13.9	11.1	13.4	11.4	9.6	145
150										18	14.9	13.9	13.3	10.7	12.9	11	9.1	150
155											14.5	13.3	12.6	10.2	12.3	10.6	8.6	155
160											14.2	12.7	12.1	9.7	11.8	10.2	8.2	160
165											14	12.2	11.6	9.3	11.3	9.8	7.7	165
170												11.8	11.2	8.9	10.8	9.4	7.3	170
175												11.4	10.7	8.6	10.4	9	6.8	175
180												11.2	10.3	8.2	10	8.6	6.4	180
185													10	7.9	9.6	8.3	6	185
190													9.7	7.5	9.2	8	5.7	190
195													9.6	7.3	8.8	7.7	5.3	195
200														7	8.5	7.4	5	200
205														6.8	8.2	7.1	4.6	205
210														6.7	8	6.9	4.3	210
215															6.7	4	215	
220															6.5	3.8	220	
225															4.4	3.6	225	

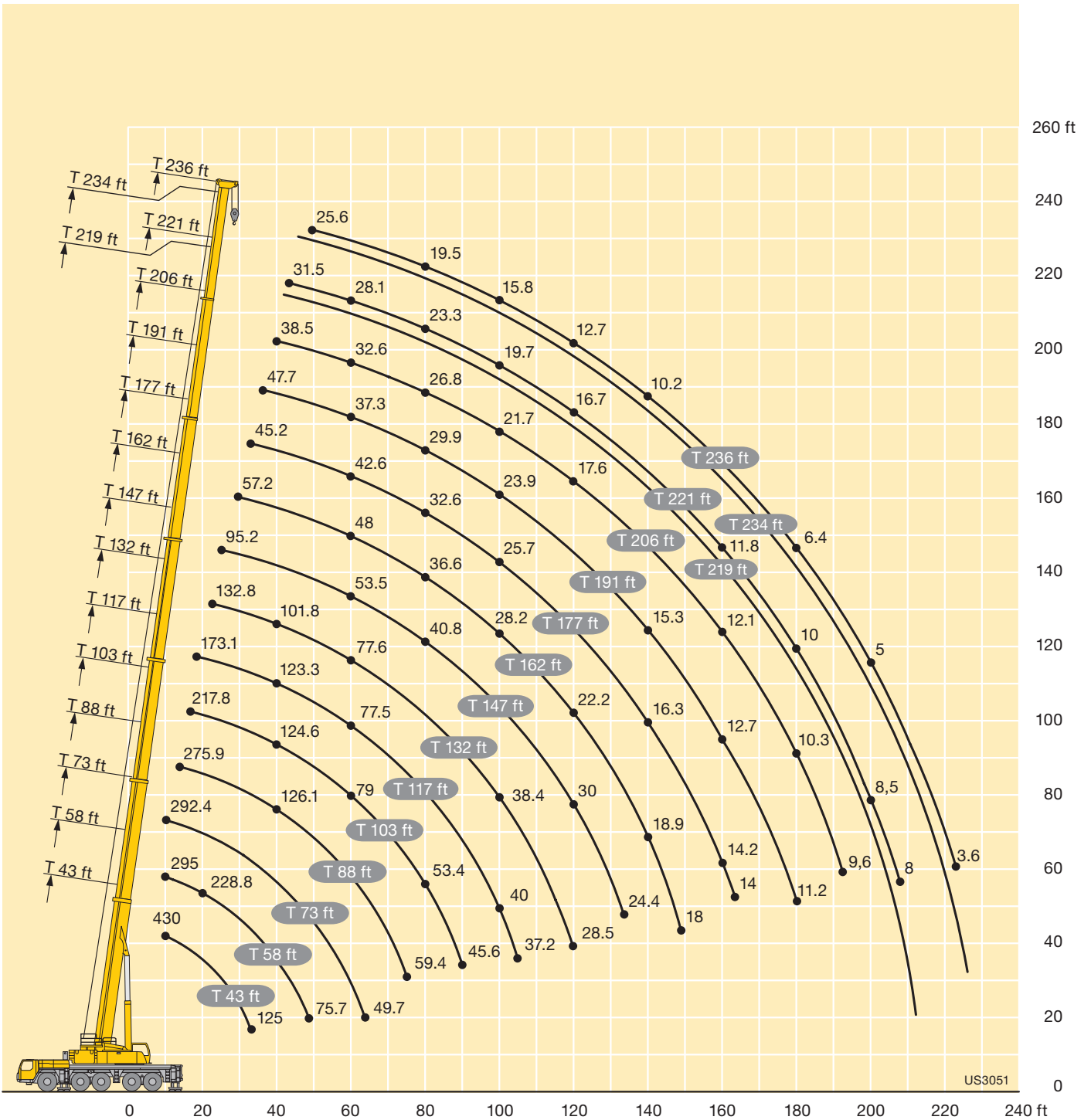
* over rear - en arrière

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Lifting heights Hauteurs de levage



T



US3051

Lifting capacities Forces de levage



TK



43 - 236 ft
18 ft
360°
159000 lbs
85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
10	142.4	111.3																	10
11	140.1	109.1																	11
12	137.8	107																	12
13	135.4	105.1																	13
14	132.7	103.3	87.2																14
15	129.9	101.5	86	141.5															15
16	127	99.7	84.7	139.7															16
17	124.2	97.9	83.3	137.8															17
18	121.4	96.1	81.9	136			95.3												18
19	118.5	94.1	80.5	134.1	102.5		93.5												19
20	115.7	92.2	79.1	132.3	101		91.7												20
22	110.4	88.2	76.7	128.8	98		88.1												22
24	105.2	84.4	74.4	125.5	95.2	77.7	84.8	70.5											24
26	100	81.4	72.2	122.2	92.6	76.2	81.7	68	59.8	82.5									26
28	94.7	78.4	70.4	119	90.2	74.8	78.6	65.7	58.1	80.3			73.6						28
30	90	75.5	68.7	115.4	88	73.5	75.5	63.7	56.5	78.1	65.9		72.6						30
32	85.9	72.7	67.1	111.2	85.8	72.2	72.5	61.8	55.1	76	64.2	50.7	71.5			58.8			32
34	81.9	70.3	65.5	107	83.8	71	69.7	59.9	53.7	74	62.5	50.7	70.4	61.5		57.8			34
36	78.3	68.2	64.4	102.7	82	69.9	67.5	57.9	52.4	72	60.9	50.7	69.2	60.1	50.7	56.7			36
38	74.5	66.2	63.4	98.5	80.3	69	65.4	56.3	51	70	59.5	50.5	67.8	58.7	50.7	55.6	55.5		38
40	71.7	64.1	62.4	94.9	78.6	68	63.3	54.8	49.8	68.1	58.1	50.1	65.8	57.4	50.7	54.5	54.2		40
45	64.9	60.4	52.1	86.7	74.7	65.6	58.2	51.3	47.2	63.3	54.8	49.1	61	54.6	50	51.4	50.9	48.5	45
50	59.5	58.1	10.3	79.2	71.3	63.9	54.1	48	44.7	59.6	51.8	47.9	56.1	52	48.1	48.1	47.7	46.7	50
55				72.8	68	62.2	50.7	45.5	42.7	56.1	49.4	46.2	52.1	49.3	46.2	44.8	44.5	44	55
60				67.3	64.5	60.2	47.4	43.1	40.8	52.6	46.9	44.4	48.4	46.6	44.3	41.8	41.3	41.2	60
65				62.1	60.9	57.3	44.1	40.7	39	49.9	44.6	42.6	44.7	43.8	42.4	39.1	38.7	38.6	65
70				58	57.3	54.4	41.9	38.8	37.5	47.7	43	41.1	41.4	41	40.5	36.5	36.3	36.3	70
75				54.2	53.8	51.6	39.7	37.2	36.2	45.4	41.3	39.8	38.8	38.5	38.6	34	34	34.1	75
80				50.6	50.4	46.7	37.6	35.6	35	43.2	39.7	38.5	36.5	36.3	36.5	31.6	31.7	31.9	80
85				47.7	47.6	21.3	35.8	34.1	33.9	41.1	38	37.2	34.1	34.1	34.4	29.9	29.8	29.9	85
90				44.9	43.9	12.4	34.4	33.1	33.2	39.4	36.8	36.2	31.8	31.9	32.2	28.1	28.1	28.3	90
95				34.7			32.9	32.1	26.2	38	35.7	35.3	29.6	29.8	30.1	26.4	26.4	26.6	95
100							31.7	31.3	17.5	36.5	34.6	34.5	27.9	28	28.2	24.6	24.7	25	100
105							30.8	30.8	11.1	34.6	33.5	33.6	26.3	26.4	26.6	22.9	23.1	23.3	105
110							30.3			32.1	32.4	32.7	24.7	24.7	25	21.6	21.6	21.9	110
115										29.7	30.2	30.4	23	23.1	23.4	20.4	20.4	20.7	115
120										27.4	27.8	24.7	21.6	21.7	21.9	19.1	19.3	19.5	120
125										25.4	25.7	18.6	20.5	20.6	20.8	17.9	18.1	18.3	125
130										23.5	23.8	13	19.3	19.4	19.6	16.8	16.9	17.1	130
135										21.8	22		18.2	18.3	18.5	15.9	16	16.2	135
140										17.4			17.2	17.3	16.3	15.1	15.2	15.4	140
145													16.5	16.5	12	14.3	14.4	14.5	145
150													15.7	15.7		13.5	13.6	13.7	150
155													12.1			12.8	12.9	13	155
160																12.2	12.3	11.3	160
165																11.6	11.6		165
170																9			170

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Lifting capacities Forces de levage



TK



ft	177 ft			191 ft			206 ft			221 ft			236 ft			ft
	18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
36	46.2															36
38	45.5															38
40	44.8			36.8												40
45	43.1	42.3	42.3	35.5	35.2		29.4			22						45
50	41	40.1	39.9	34.2	33.6	33.3	28.4	28.1		21.5			17.6			50
55	38.7	38	37.6	32.8	32.1	31.8	27.4	26.8	26.7	20.9	20.6	20.4	17.1	17.1		55
60	36.4	35.9	35.6	31.2	30.6	30.2	26.2	25.5	25.4	20.3	19.8	19.7	16.7	16.6	16.5	60
65	34.3	33.8	33.7	29.6	29.2	28.8	25	24.3	24.1	19.6	19.1	18.9	16.2	16.1	16	65
70	32.3	31.9	31.8	28.1	27.8	27.3	23.7	23.2	23	18.8	18.4	18.2	15.7	15.6	15.5	70
75	30.5	30	30	26.6	26.4	25.9	22.5	22.1	22	18	17.7	17.6	15.2	15	15	75
80	28.6	28.3	28.3	25.1	25	24.5	21.3	21	20.9	17.3	17.1	16.9	14.6	14.5	14.5	80
85	26.8	26.5	26.6	23.7	23.6	23.3	20.3	20	19.9	16.5	16.4	16.3	14.1	14	14	85
90	25.2	24.7	24.9	22.3	22.3	22.1	19.4	19.1	19.1	16	15.8	15.7	13.6	13.5	13.5	90
95	23.8	23.4	23.5	20.9	21	20.9	18.4	18.3	18.2	15.4	15.2	15.2	13	13	13	95
100	22.4	22.1	22.2	19.8	19.8	19.7	17.5	17.4	17.4	14.8	14.7	14.7	12.3	12.4	12.5	100
105	20.9	20.8	21	18.8	18.8	18.8	16.6	16.5	16.6	14.2	14.2	14.2	11.7	11.8	11.9	105
110	19.5	19.6	19.7	17.8	17.8	17.8	15.8	15.8	15.8	13.7	13.6	13.6	11.1	11.2	11.3	110
115	18.2	18.3	18.4	16.8	16.8	16.9	15.1	15.1	15.2	13.2	13.1	13.1	10.4	10.6	10.7	115
120	17.1	17.2	17.3	15.8	15.9	16	14.4	14.4	14.5	12.7	12.6	12.6	9.8	10	10.2	120
125	16.3	16.3	16.4	14.8	14.9	15	13.7	13.7	13.9	12.2	12.2	12.2	9.2	9.4	9.6	125
130	15.4	15.5	15.6	13.9	14.1	14.2	13.1	13.1	13.2	11.8	11.7	11.8	8.7	8.8	9	130
135	14.6	14.7	14.7	13.3	13.4	13.5	12.4	12.4	12.5	11.3	11.3	11.3	8.1	8.3	8.5	135
140	13.8	13.8	13.9	12.6	12.7	12.8	11.7	11.8	11.9	10.9	10.9	10.9	7.6	7.8	7.9	140
145	13	13	13.1	12	12	12.1	11.2	11.2	11.3	10.4	10.5	10.5	7	7.2	7.4	145
150	12.4	12.4	12.5	11.3	11.4	11.5	10.6	10.7	10.8	10	10	10.1	6.5	6.7	6.8	150
155	11.7	11.8	11.8	10.7	10.8	10.8	10.1	10.1	10.2	9.5	9.6	9.6	6	6.1	6.3	155
160	11.1	11.1	11.1	10.1	10.2	10.2	9.5	9.6	9.7	9.1	9.2	9.2	5.5	5.6	5.7	160
165	10.4	10.5	10.5	9.6	9.7	9.7	9	9.1	9.1	8.7	8.8	8.8	5	5.2	5.2	165
170	9.9	9.9	9.9	9.1	9.2	9.2	8.5	8.6	8.6	8.3	8.3	8.4	4.6	4.7	4.8	170
175	9.4	9.4	9.4	8.6	8.7	8.7	8.1	8.1	8.2	7.9	7.9	7.9	4.2	4.3	4.4	175
180	8.7	8.8		8.1	8.2	8.2	7.7	7.7	7.7	7.4	7.5	7.5	3.8	3.9	4	180
185	7.1			7.7	7.8	7.7	7.3	7.3	7.3	7	7.1	7.1	3.4	3.5	3.5	185
190				7.3	7.3		6.9	6.9	6.9	6.7	6.8	6.8	3	3.1	3.1	190
195				6.7			6.5	6.5	6.5	6.4	6.4	6.4		2.7	2.7	195
200				5.7			6.2	6.2	6.2	6	6.1	6.1				200
205							6	6		5.7	5.7	5.7				205
210							5.8			5.4	5.4	5.4				210
215							3.8			5	5.1	5				215
220										4.8	4.8					220
225										4.3						225
230																230
235																235
240																240

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Lifting capacities Forces de levage



TK



43 - 221 ft
 40 ft
 360°
 159000 lbs
 85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
10	50.7																		10
11	50.7																		11
12	50.7																		12
13	50.7																		13
14	50.7			50.7															14
15	50.7			50.7															15
16	50.7			50.7															16
17	50.6			50.7															17
18	50.6			50.7			50.7												18
19	50.4			50.7			50.7												19
20	50.3	37.8		50.7			50.7												20
22	50.1	36		50.7			50.7												22
24	49.8	34.5		50.7			50.7			50.7									24
26	49.6	33.2		50.7			50.4			50.7									26
28	48.1	31.8		50.7			50			50.7									28
30	46.1	30.6		50.7	34.6		49.6			50.7			47.9						30
32	43.8	29.5	24.7	50.6	33.6		49.2			50.6			47.9						32
34	41.5	28.6	24.1	49.8	32.7		48.8	32.7		50.3			47.8			42			34
36	39.2	27.7	23.6	48.8	32		48.4	31.8		49.4			47.7			41.9			36
38	36.9	26.7	23	47.9	31.2		48	31.1		48.6			47.6			41.9			38
40	34.8	25.9	22.5	46.9	30.5	24.2	47.1	30.5		47.7	31.5		47.1			41.8			40
45	31.3	24	21.5	44.5	28.7	23.3	43.7	29	23.1	45.5	30.1		44.9	29.9		41.5			45
50	28.1	22.1	20.6	41.8	27.1	22.5	40.2	27.6	22.4	43.2	28.8	22.8	42.6	28.8		39.9	28.3		50
55	25.4	20.8	19.9	38.8	25.6	21.8	36.8	26.4	21.8	40.8	27.6	22.3	40.4	27.7	22.3	38.2	27.3		55
60	23.1	19.6	19.6	35.8	24.4	21.2	34.6	25.3	21.3	38.4	26.6	21.8	38.3	26.7	21.8	36.4	26.5	21.7	60
65	20.9	18.8	19.5	32.8	23.3	20.7	32.6	24.3	20.8	36	25.7	21.3	36.5	25.9	21.4	34.6	25.7	21.2	65
70	19.3	18.1	10.2	30.4	22.3	20.3	30.6	23.3	20.4	33.8	24.8	20.9	34.6	25	21	32.9	24.9	20.9	70
75	17.9	14.9		28.5	21.3	19.9	28.6	22.3	20.1	32.1	24	20.6	32.8	24.2	20.6	31.1	24.2	20.6	75
80				26.7	20.6	19.7	26.9	21.4	19.8	30.6	23.2	20.2	31	23.4	20.3	29.4	23.5	20.2	80
85				24.8	19.9	19.5	25.5	20.7	19.5	29.1	22.5	19.9	29.7	22.6	20	27.6	22.8	20	85
90				23.4	19.2	19.4	24.1	20.1	19.3	27.6	21.7	19.8	28.3	21.9	19.8	26	22.1	19.8	90
95				22.2	18.8	19.4	22.7	19.5	19.1	26.1	21	19.6	27	21.3	19.6	24.6	21.4	19.6	95
100				21	18.3	19.4	21.5	19	18.8	24.9	20.4	19.4	25.7	20.8	19.4	23.3	20.7	19.4	100
105				19.9	17.9	16.2	20.6	18.5	18.6	23.9	19.9	19.2	24.4	20.3	19.3	21.9	20.1	19	105
110				19	17.9	8.3	19.7	18	18.3	23	19.5	19	23.2	19.8	19.2	20.6	19.5	18.6	110
115				18.2	17.9		18.8	17.6	18	22	19	18.7	22	19.4	19	19.2	18.8	18.2	115
120							18	17.1	11.1	21	18.6	18.5	20.9	19.1	18.8	18.1	18.1	17.7	120
125							17.4	16.7	6.7	20.2	18.2	18.2	19.7	18.7	18.5	17.1	17.3	17.3	125
130							16.8			19.6	17.8	18	18.6	18.3	18.2	16.3	16.4	16.7	130
135										18.9	17.5	17.9	17.5	17.6	17.9	15.6	15.7	16	135
140										18.3	17.1	17.7	16.7	16.9	17.3	14.8	15	15.3	140
145										17.7	16.9	11.2	16	16.2	16.5	14	14.2	14.5	145
150										17.2	16.6	7.8	15.2	15.4	15.7	13.3	13.5	13.8	150
155										16.8	16.5	5.3	14.5	14.7	12.7	12.6	12.9	13.1	155
160										16.4	6.6		13.8	14	9.7	12.1	12.3	12.5	160
165													13.3	13.5	6.8	11.5	11.7	11.9	165
170													12.7	12.8	4.9	10.9	11	11.2	170
175													11.9	10.2		10.3	10.5	8.5	175
180																9.9	10	6.2	180
185																9.4	9.5		185
190																8.6	7		190

t_210_62011_01_000 / 62211_01_000 / 62411_01_000

Lifting capacities Forces de levage



TK



43 - 221 ft
 40 ft
 360°
 159000 lbs
 85%

ft	177 ft			191 ft			206 ft			221 ft			ft
	40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
38	35.4												38
40	35.2			21.2									40
45	34.6			28.5			21.6						45
50	33.9			27.9			21.3			17.2			50
55	32.7	25.5		27.3	17.6		20.9			16.8			55
60	31.3	25.5		26.3	23.8		20.6	19.2		16.5			60
65	29.8	25.3	21	25.1	22.8		19.8	18.5		16.1	15.3		65
70	28.4	24.7	20.6	23.9	21.8	20.1	19	17.8	14.6	15.6	14.8		70
75	27	24.1	20.3	22.7	20.9	19.9	18.2	17.1	16.6	15.1	14.4	13.8	75
80	25.5	23.5	20.1	21.6	20	19.5	17.4	16.6	16	14.6	13.9	13.5	80
85	24.1	22.8	19.8	20.6	19.1	18.8	16.6	16	15.5	14.1	13.5	13.1	85
90	22.7	21.9	19.5	19.6	18.3	18	16	15.5	15.1	13.6	13.1	12.7	90
95	21.4	20.9	19.1	18.6	17.6	17.3	15.4	14.9	14.6	13.2	12.7	12.4	95
100	20.2	19.8	18.7	17.6	16.9	16.6	14.9	14.4	14.2	12.7	12.2	12.1	100
105	19.2	18.8	18.3	16.7	16.3	16.1	14.3	13.9	13.7	12.3	11.9	11.7	105
110	18.2	18	17.8	15.9	15.6	15.5	13.7	13.5	13.3	11.9	11.5	11.3	110
115	17.2	17.2	17.2	15.2	15	15	13.2	13	12.9	11.5	11.2	11	115
120	16.3	16.4	16.5	14.5	14.4	14.5	12.7	12.5	12.5	11.1	10.8	10.7	120
125	15.3	15.6	15.8	13.9	13.8	13.9	12.2	12	12.1	10.7	10.5	10.4	125
130	14.4	14.8	15	13.2	13.3	13.4	11.8	11.6	11.7	10.3	10.2	10.1	130
135	13.7	14	14.3	12.5	12.7	12.9	11.3	11.2	11.3	10	9.8	9.8	135
140	13.1	13.4	13.6	11.9	12.1	12.3	10.9	10.8	10.9	9.6	9.5	9.5	140
145	12.5	12.8	13	11.3	11.6	11.8	10.4	10.4	10.5	9.3	9.2	9.3	145
150	11.8	12.2	12.4	10.7	11	11.3	9.9	10	10.2	9	9	9	150
155	11.2	11.6	11.8	10.2	10.6	10.8	9.5	9.6	9.8	8.6	8.6	8.7	155
160	10.6	11	11.2	9.7	10.1	10.3	9.1	9.2	9.4	8.3	8.4	8.4	160
165	10.1	10.4	10.6	9.2	9.6	9.8	8.6	8.8	9	8	8.1	8.1	165
170	9.6	9.9	10.1	8.7	9.1	9.2	8.2	8.4	8.6	7.6	7.7	7.8	170
175	9.2	9.5	9.6	8.2	8.6	8.7	7.8	8	8.2	7.3	7.4	7.5	175
180	8.7	9	9.1	7.8	8.1	8.3	7.4	7.6	7.8	6.9	7.1	7.2	180
185	8.2	8.6	8.6	7.5	7.7	7.9	7	7.2	7.4	6.6	6.8	6.9	185
190	7.8	8.1	7.5	7.1	7.3	7.4	6.6	6.8	7	6.3	6.5	6.6	190
195	7.5	7.7	5.8	6.7	7	7	6.3	6.5	6.6	5.9	6.1	6.3	195
200	6.9	7.2		6.4	6.6	6.6	5.9	6.1	6.2	5.6	5.8	6	200
205	6.2	6.5		6	6.2	6.2	5.6	5.8	5.9	5.3	5.5	5.6	205
210				5.6	5.9	5.5	5.3	5.5	5.5	5	5.2	5.3	210
215				5.1	5.4		4.9	5.1	5.1	4.7	4.9	4.9	215
220				4.5			4.7	4.8	4.8	4.4	4.6	4.6	220
225							4.5	4.6	4.6	4.1	4.3	4.2	225
230							4.3	4.4		3.8	4	3.9	230
235							4.2			3.6	3.7	3.6	235
240										3.3	3.4	3.3	240
245										3	3.1		245
250										2.4			250

t_210_62011_01_000 / 62211_01_000 / 62411_01_000

Lifting capacities Forces de levage



TK



43 - 221 ft T
 63 ft K
 360° 159000 lbs 85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	63 ft			63 ft			63 ft			63 ft			63 ft			63 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
11	45.4																		11
12	45.8																		12
13	46.1																		13
14	46.5																		14
15	46.7																		15
16	46.8																		16
17	46.4																		17
18	45.9																		18
19	45.4			40															19
20	44.9			40.2															20
22	44			40.5															22
24	43			40.8			34.7												24
26	41.9			41.2			34.9												26
28	40.6			40.8			35.1												28
30	39.1			40.2			35.3			31.7									30
32	37.7			39.6			35.3			31.8									32
34	36.1	26.9		39.1			34.8			32			29.3						34
36	34.5	26.1		38.5			34.2			32.1			29.4			25.1			36
38	32.8	25.4		37.9			33.5			32.3			29.5			25.1			38
40	31.2	24.6		37.3			32.9			32.2			29.7			25.2			40
45	27.6	22.9		35.4	25.5		31.4			31.2			29.7			25.4			45
50	24.7	21.4		33.3	25.4		29.6	22.2		30.1			29			25.4			50
55	22.1	20	17.8	31.2	24.3		27.7	21		29	21.6		28.1			25.1			55
60	20	18.9	17.1	29.2	22.9	17.8	25.8	20		27.8	20.6		27.2	20.5		24.7			60
65	18.1	17.9	16.5	27.3	21.9	17.3	23.8	19	15.7	26.3	19.7		26.3	19.7		24.3	19.3		65
70	16.6	16.9	16	25.4	20.9	16.9	22.4	18.1	15.2	24.8	18.9	15.5	25.1	18.9		23.9	18.6		70
75	15.2	16.2	15.6	23.5	20.1	16.5	21.2	17.4	14.8	23.4	18.1	15.1	23.9	18.2	15	23.3	17.9		75
80	14	15.5	15.2	21.6	19.3	16.2	20	16.6	14.3	22	17.5	14.7	22.6	17.5	14.7	22.5	17.4	14.6	80
85	13.1	14.8	14.9	20.1	18.5	15.9	18.8	15.9	14	20.8	16.9	14.3	21.4	16.9	14.4	21.5	16.8	14.3	85
90	12.2	14.3	14.8	19.1	17.8	15.7	17.6	15.4	13.6	19.9	16.3	14	20.1	16.4	14.1	20.6	16.3	14	90
95	11.7	14.1		18	17.2	15.4	16.6	14.8	13.3	19.1	15.7	13.7	19.4	15.9	13.8	19.7	15.8	13.7	95
100				16.9	16.6	15.2	16	14.3	13.1	18.2	15.2	13.4	18.7	15.5	13.5	18.9	15.4	13.5	100
105				15.9	16.1	15	15.3	13.8	12.8	17.3	14.8	13.2	17.9	15	13.3	18.2	15	13.2	105
110				15.2	15.6	14.8	14.6	13.4	12.5	16.4	14.4	13	17.2	14.6	13	17.5	14.6	13	110
115				14.3	15.1	14.8	13.9	13	12.3	15.7	14	12.8	16.5	14.2	12.8	16.9	14.2	12.8	115
120				13.6	14.7	14.8	13.4	12.5	12.1	15.2	13.5	12.6	15.8	13.9	12.6	16.2	13.9	12.6	120
125				12.9	14.4	14.8	13	12.2	11.9	14.7	13.2	12.4	15.2	13.5	12.5	15.6	13.6	12.5	125
130				12.3	14.1	10.7	12.5	11.9	11.8	14.2	12.9	12.2	14.7	13.1	12.3	14.9	13.3	12.3	130
135				11.8	14.1		12	11.6	11.7	13.7	12.6	12	14.3	12.8	12.1	14.3	13	12.1	135
140				11.6	13		11.6	11.3	11.7	13.2	12.2	11.9	13.9	12.6	12	13.7	12.7	12	140
145							11.3	11.2	8.2	12.8	11.9	11.7	13.4	12.3	11.8	13.2	12.4	11.8	145
150							11	11		12.5	11.7	11.7	13	12	11.7	12.6	12	11.7	150
155							10.8	11		12.1	11.5	11.6	12.6	11.8	11.6	12	11.7	11.5	155
160										11.8	11.3	11.6	12.3	11.5	11.5	11.5	11.4	11.4	160
165										11.5	11.1	11.6	11.9	11.4	11.5	10.9	11	11.2	165
170										11.2	11	9.1	11.6	11.2	11.5	10.4	10.7	10.9	170
175										11	11	5.6	11.2	11.1	11.5	10	10.3	10.5	175
180										10.8	11		10.9	10.9	11.1	9.5	9.8	10	180
185										10.5			10.5	10.6	7.8	9.1	9.4	9.5	185
190													10.1	10.3	5.1	8.6	8.9	9	190
195													9.5	9.9		8.2	8.4	8.5	195
200													7.2			7.8	8	6.8	200
205																7.4	7.6	4.7	205
210																6.7	7		210
215																4.9			215

t_210_63011_01_000 / 63211_01_000 / 63411_01_000

Lifting capacities Forces de levage



TK



ft	177 ft			191 ft			206 ft			221 ft			ft
	63 ft			63 ft			63 ft			63 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
40	22.2												40
45	22.4			18.8									45
50	22.6			18.7			15.7						50
55	22.7			18.6			15.5			12.6			55
60	22.5			18.5			15.3			12.4			60
65	22	18.4		18.2			15.1			12.2			65
70	21.6	17.9		17.7			14.8			12.1			70
75	21.2	17.3		17.3	16.4		14.4	11.6		11.9			75
80	20.8	16.8		16.8	16		14.1	13.4		11.6			80
85	20.1	16.3	14	16.4	15.6		13.7	13		11.3	10.5		85
90	19.2	15.9	13.8	15.9	15.1	13.4	13.3	12.5		11	10.1		90
95	18.4	15.5	13.5	15.4	14.7	13.2	12.9	12.1	11.8	10.7	9.8		95
100	17.6	15.1	13.3	14.9	14.2	13	12.5	11.8	11.5	10.4	9.7	9.3	100
105	16.7	14.8	13.1	14.3	13.7	12.8	12.1	11.4	11.1	10.1	9.5	9.1	105
110	16	14.4	12.9	13.8	13.2	12.6	11.7	11.1	10.8	9.9	9.1	8.8	110
115	15.3	14.1	12.7	13.3	12.8	12.4	11.3	10.7	10.5	9.6	8.9	8.6	115
120	14.7	13.7	12.5	12.7	12.4	12.2	10.9	10.4	10.2	9.3	8.7	8.5	120
125	14.1	13.4	12.4	12.3	12	11.9	10.5	10.1	9.9	9	8.5	8.2	125
130	13.4	13	12.2	11.8	11.6	11.6	10.1	9.8	9.7	8.7	8.3	8	130
135	12.8	12.6	12	11.3	11.2	11.2	9.7	9.5	9.4	8.4	8	7.9	135
140	12.2	12.2	11.8	10.9	10.8	10.9	9.4	9.3	9.2	8.1	7.8	7.7	140
145	11.6	11.8	11.6	10.4	10.4	10.5	9.1	8.9	8.9	7.8	7.5	7.5	145
150	11.1	11.3	11.4	9.9	10.1	10.2	8.7	8.7	8.7	7.5	7.3	7.3	150
155	10.6	10.9	11.1	9.5	9.7	9.8	8.4	8.4	8.4	7.3	7.1	7.1	155
160	10.1	10.5	10.8	9	9.3	9.5	8.1	8.1	8.2	7	6.9	7	160
165	9.6	10	10.4	8.6	9	9.2	7.8	7.9	8	6.8	6.8	6.8	165
170	9.2	9.6	9.9	8.2	8.6	8.8	7.4	7.6	7.7	6.5	6.6	6.6	170
175	8.7	9.1	9.4	7.8	8.2	8.4	7.1	7.3	7.4	6.2	6.4	6.4	175
180	8.2	8.7	8.9	7.4	7.8	8	6.7	7	7.2	6	6.1	6.2	180
185	7.8	8.2	8.4	7	7.4	7.7	6.4	6.7	6.9	5.7	5.8	6	185
190	7.5	7.8	8	6.6	7	7.2	6	6.4	6.6	5.5	5.6	5.9	190
195	7.1	7.4	7.5	6.3	6.7	6.9	5.7	6	6.3	5.2	5.4	5.6	195
200	6.8	7	7.1	5.9	6.3	6.5	5.3	5.7	5.9	4.9	5.2	5.4	200
205	6.4	6.7	6.7	5.6	5.9	6.1	4.9	5.4	5.6	4.6	5	5.1	205
210	6.1	6.3	6.2	5.3	5.6	5.7	4.6	5	5.3	4.3	4.8	4.8	210
215	5.7	5.9	5.8	5	5.3	5.3	4.3	4.7	4.9	4	4.6	4.5	215
220	5.2	5.6		4.7	4.9	4.9	4	4.4	4.5	3.7	4.4	4.2	220
225	4.6	4.9		4.4	4.6	4.5	3.8	4.1	4.1	3.4	4	3.9	225
230	3.6			4	4.2	4.1	3.5	3.8	3.8	3.2	3.7	3.6	230
235				3.6	3.9		3.2	3.4	3.4	2.9	3.4	3.3	235
240				3.1	3.3		3	3.1	3.1	2.7	3.1	3	240
245				2.5			2.8	2.9	3	2.5	2.8	2.7	245
250							2.7	2.7		2.2	2.6	2.3	250
255							2.5	2.6			2.3		255

t_210_63011_01_000 / 63211_01_000 / 63411_01_000

Lifting capacities Forces de levage



TK



43 - 221 ft
 72 ft
 360°
 159000 lbs
 85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
12	29.4																		12
13	29.5																		13
14	29.6																		14
15	29.7																		15
16	29.7																		16
17	29.8																		17
18	29.6																		18
19	29.4																		19
20	29.1			27.1															20
22	28.7			27.3			22.9												22
24	28.2			27.4			23												24
26	27.8			27.5			23.2												26
28	27.3			27.5			23.3			21.5									28
30	26.7			27.2			23.5			21.7									30
32	26			26.9			23.5			21.8			20.4						32
34	25.3			26.6			23.4			21.9			20.5						34
36	24.6			26.2			23.3			22			20.6			19			36
38	23.9			25.9			23.1			22.1			20.7			19.1			38
40	23.2	18.9		25.6			23			22.1			20.9			19.2			40
45	21.7	17.9		24.7			22.7			21.8			21			19.4			45
50	20.4	17		23.6	17.9		22.2			21.6			20.7			19.5			50
55	19	16.1		22.4	17.2		21.5	16.8		21.3			20.4			19.3			55
60	17.5	15.4	13.4	21.3	16.6		20.7	16.3		21	16.4		20.2			19.1			60
65	16	14.7	13	20.3	16.1		20	15.8		20.4	16		19.9	15.9		18.8	15.6		65
70	14.7	14.1	12.6	19.4	15.6	13.1	19.3	15.4		19.8	15.6		19.4	15.5		18.5	15.2		70
75	13.7	13.6	12.4	18.5	15.1	12.8	18.6	15	12.7	19.2	15.2		18.9	15.2		18.2	14.9		75
80	12.7	13.2	12.2	17.6	14.6	12.6	17.8	14.6	12.5	18.6	14.8	12.6	18.4	14.8		17.8	14.6		80
85	11.9	12.8	12	16.8	14.2	12.4	17.1	14.2	12.3	18	14.5	12.4	17.9	14.5	12.3	17.4	14.3	12.3	85
90	11.2	12.4	12	16	13.9	12.2	16.4	13.8	12.1	17.4	14.2	12.3	17.4	14.2	12.2	17	14.1	12.1	90
95	10.6	12.2	12	15.4	13.5	12.1	15.7	13.4	11.9	16.9	13.9	12.1	16.9	13.9	12.1	16.6	13.8	12	95
100	10	12.1	12	14.7	13.2	12	15.1	13	11.7	16.4	13.6	11.9	16.4	13.6	12	16.2	13.5	11.9	100
105	9.5	12		14	12.9	11.9	14.5	12.6	11.5	15.8	13.3	11.7	16	13.3	11.8	15.8	13.3	11.7	105
110				13.3	12.7	11.9	13.9	12.2	11.2	15.3	13	11.5	15.5	13.1	11.6	15.4	13	11.6	110
115				12.6	12.4	11.9	13.4	11.9	11	14.8	12.7	11.4	15.1	12.8	11.4	15	12.7	11.4	115
120				12	12.2	11.9	12.8	11.5	10.9	14.3	12.3	11.2	14.6	12.5	11.3	14.6	12.5	11.2	120
125				11.5	12.1	11.9	12.3	11.2	10.7	13.8	12	11	14.2	12.2	11.1	14.3	12.2	11.1	125
130				11	12	11.9	11.9	10.9	10.6	13.4	11.7	10.9	13.7	11.9	11	13.9	12	10.9	130
135				10.6	11.9	11.9	11.5	10.6	10.5	13	11.4	10.7	13.3	11.7	10.8	13.5	11.8	10.8	135
140				10.1	11.9	9.3	11.1	10.4	10.4	12.5	11.2	10.6	13	11.4	10.7	13.1	11.5	10.7	140
145				9.8	11.9		10.7	10.2	10.4	12.1	10.9	10.5	12.6	11.2	10.6	12.7	11.3	10.6	145
150				9.4	11.9		10.4	10	10.4	11.7	10.7	10.4	12.3	11	10.5	12.2	11	10.5	150
155							10	9.9	7	11.4	10.4	10.4	11.9	10.7	10.4	11.8	10.8	10.4	155
160							9.7	9.8		11.1	10.3	10.3	11.5	10.5	10.3	11.3	10.6	10.3	160
165							9.4			10.8	10.1	10.3	11.2	10.3	10.3	10.8	10.4	10.3	165
170										10.5	10	10.3	11	10.2	10.2	10.4	10.2	10.2	170
175										10.2	9.8	10.3	10.7	10	10.2	9.9	10	10.2	175
180										10.1	9.8	8.3	10.5	9.9	10.2	9.5	9.8	9.9	180
185										9.9	9.7	4.7	10.2	9.8	10.2	9.1	9.5	9.6	185
190										9.6	9.7		10	9.7	9.9	8.7	9.1	9.2	190
195										8.4			9.7	9.5	7	8.3	8.7	8.8	195
200													9.4	9.4		7.9	8.2	8.3	200
205													8.8	9.2		7.5	7.8	7.8	205
210													6.1			7.2	7.4	6.2	210
215																6.7	7		215
220																6.1	6.4		220
225																4.3			225

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Lifting capacities Forces de levage

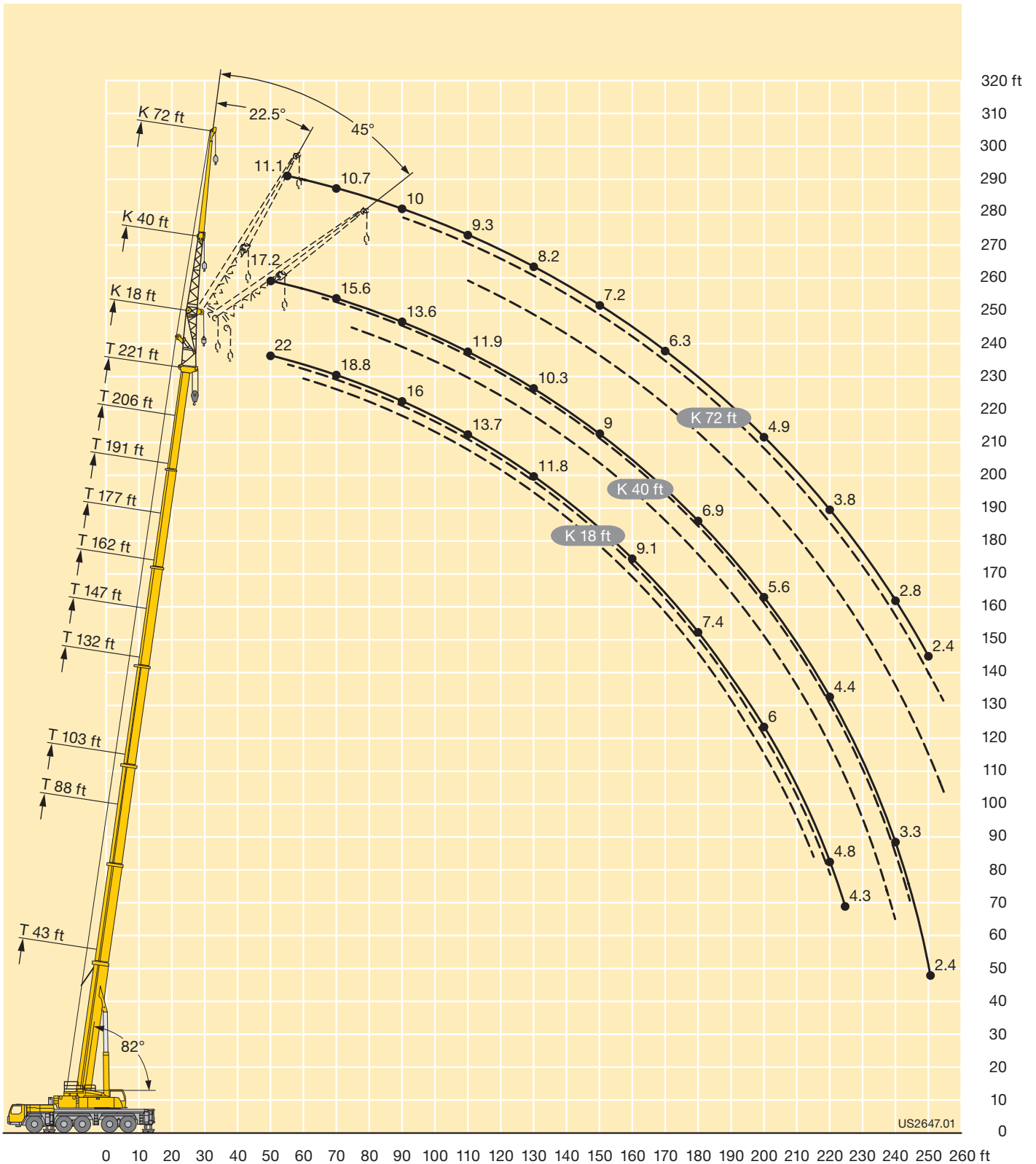


TK



ft	177 ft			191 ft			206 ft			221 ft			ft
	72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
40	17.3												40
45	17.5			15.4									45
50	17.7			15.5			13.3						50
55	17.9			15.6			13.2			11.1			55
60	17.7			15.6			13.1			10.9			60
65	17.5			15.6			13			10.8			65
70	17.2	14.8		15.5			12.9			10.7			70
75	17	14.5		15.3	13.8		12.7			10.5			75
80	16.7	14.2		15.1	13.6		12.5			10.4			80
85	16.5	14		15	13.4		12.3	12		10.2			85
90	16.2	13.7	12	14.8	13.2		12.1	11.7		10	9.6		90
95	15.9	13.5	11.9	14.4	13	11.6	12	11.4		9.8	9.4		95
100	15.5	13.3	11.8	14.1	12.8	11.5	11.7	11.1	8.8	9.6	9.1		100
105	15.2	13.1	11.6	13.6	12.6	11.4	11.5	10.8	10.6	9.5	8.8		105
110	14.9	12.8	11.4	13.1	12.4	11.2	11.1	10.5	10.3	9.3	8.6	8.3	110
115	14.6	12.6	11.3	12.7	12.2	11.1	10.8	10.2	10	9	8.4	8.1	115
120	14.1	12.4	11.1	12.2	11.9	10.9	10.4	9.9	9.7	8.8	8.2	7.9	120
125	13.6	12.1	11	11.8	11.5	10.8	10.1	9.6	9.5	8.5	8	7.8	125
130	13.1	11.9	10.9	11.4	11.1	10.6	9.7	9.3	9.2	8.2	7.8	7.6	130
135	12.5	11.6	10.7	11	10.8	10.5	9.4	9.1	8.9	8	7.5	7.4	135
140	12	11.4	10.6	10.6	10.4	10.3	9.1	8.8	8.7	7.7	7.4	7.2	140
145	11.5	11.1	10.5	10.2	10.1	10.1	8.8	8.6	8.5	7.4	7.2	7	145
150	11	10.8	10.4	9.8	9.8	9.9	8.5	8.3	8.3	7.2	7	6.9	150
155	10.5	10.6	10.3	9.4	9.5	9.6	8.2	8.1	8.1	7	6.8	6.8	155
160	10	10.3	10.3	9	9.1	9.3	7.9	7.8	7.9	6.8	6.6	6.7	160
165	9.6	10	10.2	8.6	8.8	9	7.6	7.6	7.7	6.5	6.4	6.5	165
170	9.2	9.6	9.9	8.2	8.5	8.7	7.3	7.4	7.5	6.3	6.3	6.3	170
175	8.7	9.2	9.5	7.8	8.2	8.4	7	7.1	7.2	6	6.1	6.2	175
180	8.3	8.8	9.1	7.5	7.9	8.1	6.7	6.9	7	5.8	5.9	6	180
185	7.9	8.4	8.6	7.1	7.5	7.8	6.3	6.7	6.8	5.6	5.7	5.8	185
190	7.5	8	8.2	6.7	7.2	7.4	6	6.4	6.6	5.4	5.6	5.7	190
195	7.2	7.6	7.8	6.4	6.8	7	5.7	6.1	6.3	5.1	5.4	5.6	195
200	6.9	7.2	7.4	6	6.5	6.7	5.4	5.8	6	4.9	5.2	5.5	200
205	6.5	6.9	7	5.7	6.1	6.3	5	5.5	5.7	4.6	5	5.4	205
210	6.2	6.5	6.5	5.4	5.8	6	4.7	5.2	5.4	4.3	4.7	5.2	210
215	5.9	6.2	6.1	5.1	5.4	5.6	4.4	4.9	5.1	4	4.5	4.9	215
220	5.6	5.8	5.7	4.8	5.1	5.2	4.1	4.6	4.8	3.8	4.2	4.6	220
225	5.1	5.5	5.4	4.5	4.8	4.8	3.9	4.3	4.4	3.5	3.9	4.4	225
230	4.6	5.1		4.2	4.5	4.4	3.6	4	4.1	3.3	3.7	4.1	230
235	4.2	4.4		3.9	4.2	4	3.4	3.7	3.7	3	3.4	3.8	235
240	2.7			3.6	3.8	3.7	3.1	3.4	3.4	2.8	3.1	3.4	240
245				3.1	3.5		2.9	3.1	3	2.6	2.9	3.1	245
250				2.7	2.9		2.6	2.8	2.7	2.4	2.6	2.8	250
255							2.5	2.6	2.7		2.4	2.5	255
260							2.4	2.4					260
265							2.2	2.4					265

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Lifting capacities Forces de levage



TK



43 - 221 ft
 86 ft
 360°
 159000 lbs
 85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	86 ft			86 ft			86 ft			86 ft			86 ft			86 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
15	27.9																		15
16	28																		16
17	28.1																		17
18	28.2																		18
19	28.3																		19
20	28.4																		20
22	28.4																		22
24	27.8			24.2															24
26	27.2			24.5															26
28	26.5			24.8			21.2												28
30	25.9			25.1			21.4												30
32	25.2			25.2			21.6												32
34	24.6			25			21.7			19.6									34
36	23.8			24.7			21.8			19.7			18.3						36
38	23.1			24.4			21.9			19.9			18.4						38
40	22.3			24.1			21.6			20			18.5						40
45	20.4			23.4			21.1			20.2			18.8		17				45
50	18.7	15.4		22.6			20.6			19.8			18.9		17.2				50
55	17.2	14.5		21.4			20			19.4			18.6		17.3				55
60	15.5	13.7		20.2	14.5		19.3			18.9			18.2		17.1				60
65	14.1	12.9		19	13.9		18.4	13.6		18.5			17.7		16.8				65
70	13	12.3	10.4	17.9	13.4		17.5	13.1		17.9	13.2		17.3		16.4				70
75	11.9	11.6	10	17.1	12.8		16.6	12.6		17.3	12.8		16.8	12.8	16	12.5			75
80	11	11.1	9.7	16.2	12.4	10	15.8	12.2		16.6	12.4		16.3	12.4	15.6	12.2			80
85	10.3	10.7	9.4	15.1	11.9	9.7	15.2	11.8	9.6	16	12.1		15.8	12	15.3	11.9			85
90	9.6	10.2	9.1	14.1	11.5	9.5	14.5	11.4	9.4	15.4	11.7	9.5	15.3	11.7	14.9	11.6			90
95	9.1	9.8	8.9	13.2	11.1	9.3	13.8	11.1	9.3	14.8	11.4	9.3	14.8	11.4	9.3	14.5	11.3		95
100	8.5	9.5	8.8	12.5	10.8	9.1	13.2	10.7	9.1	14.3	11.1	9.2	14.3	11.1	9.1	14	11	9.1	100
105	8	9.1	8.7	11.7	10.4	9	12.5	10.4	8.9	13.8	10.8	9	13.8	10.9	9	13.6	10.8	9	105
110	7.6	8.9	8.7	11	10.1	8.9	11.9	10.1	8.8	13.3	10.6	8.9	13.4	10.6	8.9	13.2	10.6	8.9	110
115	7.2	8.7		10.5	9.8	8.7	11.5	9.8	8.7	12.8	10.3	8.8	13	10.4	8.8	12.9	10.3	8.7	115
120	6.9	8.7		10	9.6	8.6	11	9.5	8.6	12.3	10	8.7	12.6	10.2	8.7	12.5	10.1	8.6	120
125				9.5	9.4	8.6	10.5	9.2	8.4	11.8	9.8	8.6	12.2	9.9	8.6	12.2	9.9	8.5	125
130				9.1	9.1	8.5	10.1	9	8.3	11.4	9.6	8.5	11.7	9.7	8.5	11.8	9.7	8.5	130
135				8.7	9	8.5	9.6	8.7	8.2	11	9.3	8.4	11.3	9.5	8.4	11.5	9.5	8.4	135
140				8.3	8.8	8.5	9.2	8.5	8.1	10.6	9.1	8.3	10.9	9.3	8.4	11.1	9.3	8.3	140
145				7.9	8.7	8.5	8.8	8.3	8	10.3	8.9	8.2	10.6	9.1	8.3	10.8	9.1	8.3	145
150				7.6	8.6	8.5	8.4	8.1	8	9.9	8.7	8.1	10.3	8.8	8.2	10.4	8.9	8.2	150
155				7.3	8.6	6.2	8.1	7.9	8	9.6	8.5	8	10	8.7	8.1	10.1	8.8	8.1	155
160				7	8.6		7.8	7.8	8	9.2	8.3	8	9.7	8.5	8	9.8	8.6	8	160
165				6.8			7.5	7.6	8	9	8.1	8	9.4	8.3	8	9.5	8.4	7.9	165
170							7.3	7.6		8.7	8	7.9	9.1	8.2	7.9	9.2	8.3	7.9	170
175							7	7.5		8.4	7.9	7.9	8.9	8	7.9	8.9	8.1	7.9	175
180							6.8			8.2	7.7	7.9	8.6	7.9	7.9	8.6	8	7.8	180
185										7.9	7.6	7.9	8.4	7.8	7.9	8.4	7.9	7.8	185
190										7.6	7.5	7.9	8.2	7.7	7.9	8	7.7	7.8	190
195										7.4	7.5	6.7	8	7.6	7.9	7.7	7.6	7.7	195
200										7.2	7.5		7.8	7.5	7.9	7.4	7.3	7.5	200
205										7	7.5		7.5	7.4	7.9	7	7.1	7.4	205
210										4.2			7.3	7.4	5.9	6.7	6.9	7.1	210
215													7.1	7.4		6.3	6.6	6.6	215
220													6.9	7.2		6	6.3	6.3	220
225																5.5	6	4.8	225
230																5	5.4		230
235																4.5	4.7		235

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Lifting capacities Forces de levage



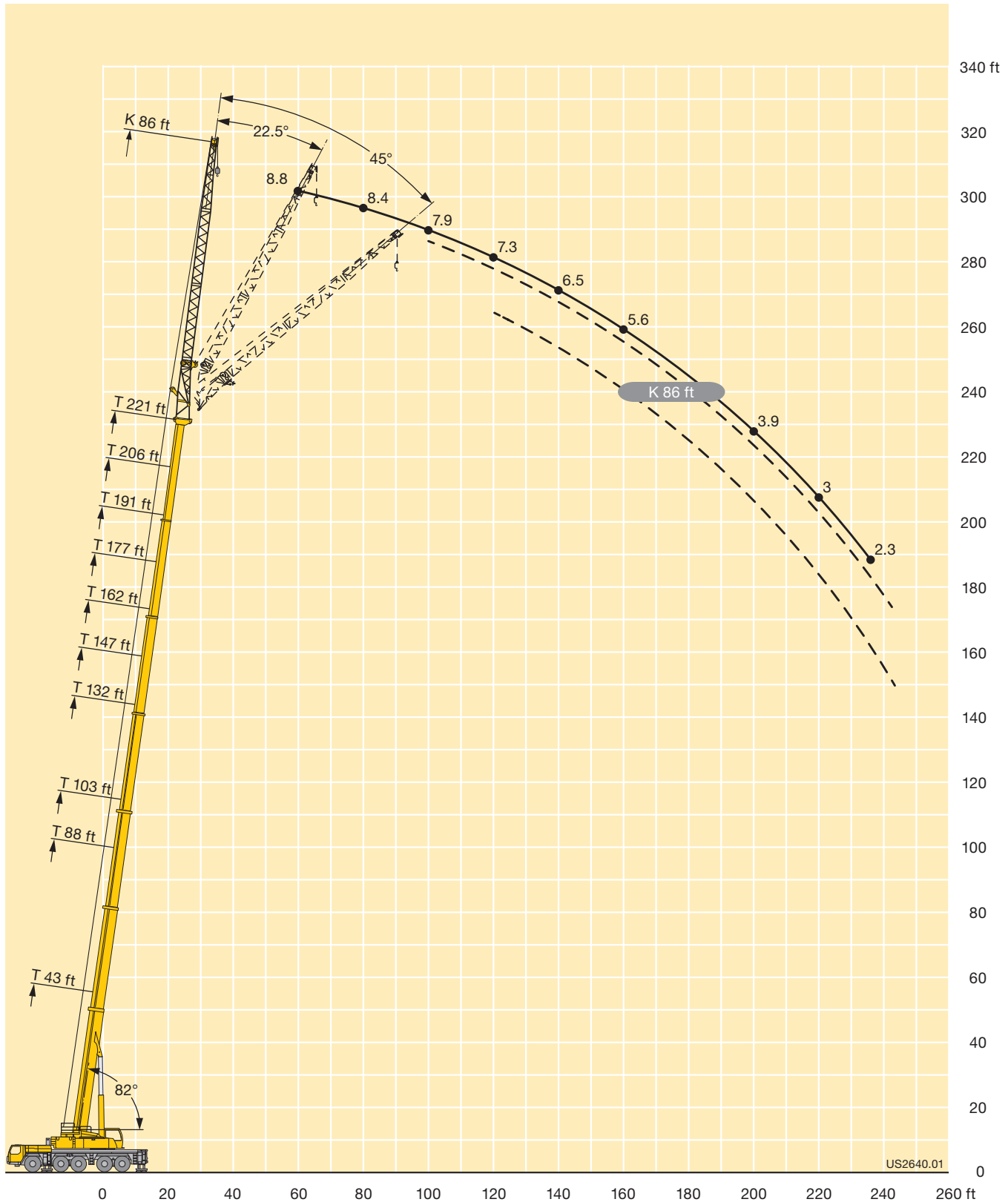
TK



43 - 221 ft
86 ft
360°
159000 lbs
85%

ft	177 ft			191 ft			206 ft			221 ft			ft
	86 ft			86 ft			86 ft			86 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
45	15.1												45
50	15.1			13.2									50
55	15.2			13.2			11.1						55
60	15.2			13			10.9			8.8			60
65	15.1			12.9			10.8			8.7			65
70	14.9			12.8			10.7			8.6			70
75	14.7			12.7			10.5			8.5			75
80	14.5	11.8		12.6			10.4			8.4			80
85	14.2	11.5		12.5			10.3			8.3			85
90	14	11.3		12.4	10.8		10.2			8.2			90
95	13.7	11		12.3	10.6		10.1	9.7		8			95
100	13.4	10.8		12.1	10.4		9.9	9.5		7.9	7.7		100
105	13.1	10.6	8.8	11.9	10.2		9.8	9.3		7.8	7.5		105
110	12.8	10.3	8.7	11.6	10	8.6	9.6	9.1		7.6	7.2		110
115	12.5	10.1	8.6	11.2	9.8	8.5	9.4	8.8	8.3	7.5	7		115
120	12.2	9.9	8.6	10.8	9.7	8.4	9.1	8.5	8.2	7.3	6.8	6.5	120
125	11.8	9.8	8.5	10.5	9.5	8.4	8.8	8.3	8.1	7.1	6.7	6.3	125
130	11.5	9.6	8.4	10.1	9.3	8.3	8.5	8	7.9	6.9	6.5	6.2	130
135	11.1	9.4	8.3	9.8	9.1	8.2	8.2	7.8	7.7	6.7	6.3	6	135
140	10.7	9.2	8.3	9.4	8.9	8.2	7.9	7.5	7.5	6.5	6.1	5.9	140
145	10.3	9.1	8.2	9.1	8.7	8.1	7.7	7.3	7.3	6.2	5.9	5.7	145
150	10	8.9	8.1	8.7	8.5	8	7.4	7.1	7.1	6	5.8	5.6	150
155	9.6	8.7	8	8.4	8.3	8	7.1	6.9	6.9	5.8	5.6	5.5	155
160	9.2	8.6	8	8.1	8.1	7.9	6.8	6.7	6.7	5.6	5.5	5.3	160
165	8.8	8.4	7.9	7.7	7.8	7.8	6.5	6.5	6.5	5.4	5.3	5.2	165
170	8.4	8.3	7.9	7.3	7.6	7.6	6.3	6.3	6.3	5.2	5.2	5.1	170
175	8.1	8.1	7.8	7	7.3	7.4	6	6.1	6.2	5	5	5	175
180	7.7	7.9	7.7	6.7	7	7.2	5.7	5.9	6	4.8	4.8	4.9	180
185	7.3	7.6	7.5	6.3	6.8	7	5.4	5.7	5.8	4.6	4.7	4.7	185
190	7	7.3	7.3	6	6.5	6.8	5.1	5.5	5.6	4.3	4.5	4.6	190
195	6.6	7	7.1	5.7	6.2	6.5	4.9	5.3	5.5	4.1	4.3	4.5	195
200	6.2	6.6	6.9	5.3	5.9	6.2	4.6	5.1	5.3	3.9	4.2	4.3	200
205	5.9	6.3	6.6	5	5.5	5.8	4.3	4.8	5.1	3.7	4	4.2	205
210	5.6	6	6.2	4.6	5.2	5.5	4	4.5	4.8	3.5	3.8	4.1	210
215	5.3	5.7	5.8	4.3	4.9	5.2	3.7	4.2	4.5	3.2	3.6	3.9	215
220	4.9	5.3	5.5	4	4.5	4.8	3.4	3.9	4.2	3	3.4	3.7	220
225	4.6	5	5	3.8	4.2	4.4	3.1	3.7	3.9	2.8	3.2	3.4	225
230	4.3	4.7	4.6	3.5	3.9	4	2.9	3.4	3.6	2.5	2.9	3.2	230
235	4	4.3	4.2	3.2	3.6	3.6	2.6	3.1	3.3	2.3	2.7	3	235
240	3.5	4		3	3.3	3.2	2.4	2.8	2.9		2.5	2.7	240
245	3.1	3.5		2.7	3	2.8		2.5	2.6		2.2	2.4	245
250	2.7	2.8		2.4	2.7	2.6		2.3	2.2				250
255					2.4								255

t_210_65011_01_000 / 65211_01_000 / 65411_01_000



Lifting capacities Forces de levage



TK



43 - 221 ft 95 ft 360° 159000 lbs 85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
16	18.6																		16
17	19.1																		17
18	19.6																		18
19	19.7																		19
20	19.8																		20
22	19.9																		22
24	19.9			17.9															24
26	19.9			18															26
28	19.8			18.2			16.3												28
30	19.7			18.3			16.4												30
32	19.7			18.4			16.5												32
34	19.6			18.4			16.6			15.4									34
36	19.5			18.4			16.7			15.5									36
38	19.1			18.3			16.7			15.6			14.7						38
40	18.7			18.2			16.7			15.6			14.8						40
45	17.7			18.1			16.5			15.8			14.9			13.9			45
50	16.7			17.9			16.3			15.7			15.1			14			50
55	15.8	12.9		17.3			16.2			15.5			14.9			14.2			55
60	14.9	12.2		16.6			15.8			15.4			14.7			14.1			60
65	13.8	11.6		15.9	12.2		15.3	11.9		15.2			14.6			13.9			65
70	12.8	11		15.3	11.8		14.8	11.5		15			14.4			13.7			70
75	11.9	10.5		14.6	11.3		14.2	11.1		14.5	11.2		14.2	11.1		13.5			75
80	11.1	10	8.6	14	10.9		13.7	10.8		14.1	10.9		13.8	10.8		13.3	10.6		80
85	10.3	9.6	8.4	13.4	10.5		13.2	10.4		13.6	10.6		13.5	10.5		13	10.3		85
90	9.7	9.2	8.1	12.8	10.2	8.4	12.7	10.1		13.2	10.3		13.1	10.3		12.7	10.1		90
95	9.1	8.8	7.9	12.3	9.8	8.2	12.3	9.8	8.1	12.8	10		12.7	10		12.4	9.8		95
100	8.5	8.5	7.7	11.7	9.5	8	11.8	9.5	8	12.4	9.7	8	12.3	9.7		12.1	9.6		100
105	8	8.2	7.5	11.2	9.2	7.9	11.4	9.2	7.8	12	9.5	7.9	12	9.5	7.9	11.8	9.4	7.8	105
110	7.6	7.9	7.4	10.8	9	7.8	10.9	9	7.7	11.7	9.3	7.8	11.7	9.3	7.8	11.5	9.2	7.7	110
115	7.2	7.7	7.4	10.3	8.7	7.6	10.5	8.8	7.6	11.3	9.1	7.7	11.4	9.1	7.6	11.2	9	7.6	115
120	6.8	7.5	7.4	9.8	8.5	7.5	10.2	8.6	7.5	11	8.8	7.5	11.1	8.9	7.5	10.9	8.8	7.5	120
125	6.5	7.4		9.4	8.3	7.4	9.8	8.3	7.4	10.6	8.7	7.5	10.8	8.7	7.4	10.7	8.7	7.4	125
130	6.3			8.9	8.1	7.4	9.5	8.2	7.3	10.3	8.5	7.4	10.5	8.5	7.4	10.4	8.5	7.3	130
135				8.5	7.9	7.3	9.2	8	7.3	10	8.3	7.3	10.2	8.4	7.3	10.2	8.3	7.3	135
140				8.1	7.7	7.3	8.9	7.8	7.3	9.7	8.1	7.3	9.9	8.2	7.2	9.9	8.2	7.2	140
145				7.8	7.6	7.3	8.6	7.7	7.2	9.4	8	7.2	9.6	8.1	7.2	9.7	8.1	7.1	145
150				7.5	7.5	7.3	8.2	7.5	7.2	9.2	7.8	7.2	9.3	7.9	7.2	9.4	7.9	7.1	150
155				7.2	7.4	7.3	7.9	7.4	7.2	8.9	7.7	7.1	9.1	7.8	7.1	9.2	7.8	7.1	155
160				6.9	7.3	7.3	7.6	7.2	7.2	8.7	7.6	7.1	8.9	7.7	7.1	9	7.7	7	160
165				6.6	7.3		7.3	7.1	7.2	8.4	7.5	7.1	8.7	7.5	7.1	8.8	7.6	7	165
170				6.4	7.3		7.1	6.9	7.2	8.2	7.3	7.1	8.5	7.4	7.1	8.6	7.5	7	170
175							6.8	6.9	7.2	8	7.2	7.1	8.3	7.3	7.1	8.4	7.4	7	175
180							6.6	6.8		7.8	7.1	7.1	8.1	7.2	7.1	8.2	7.3	7	180
185							6.4	6.8		7.6	7	7.1	7.9	7.1	7.1	8	7.2	7	185
190										7.4	6.9	7.1	7.7	7	7.1	7.8	7.1	7	190
195										7.1	6.8	7.1	7.5	6.9	7.1	7.6	7	7	195
200										6.9	6.8	7.1	7.3	6.9	7.1	7.4	6.9	7	200
205										6.7	6.8	5.9	7.2	6.8	7.1	7.1	6.8	7	205
210										6.5	6.8		7	6.7	7.1	6.8	6.6	6.9	210
215										6.4	6.8		6.8	6.7	7.1	6.4	6.5	6.9	215
220													6.6	6.7		6.1	6.3	6.5	220
225													6.5	6.7		5.8	6.1	6.1	225
230													6.4	6.6		5.5	5.8	5.9	230
235																5	5.5		235
240																4.5	4.9		240
245																4	4.2		245

t_210_66011_01_000 / 66211_01_000 / 66411_01_000

Lifting capacities Forces de levage



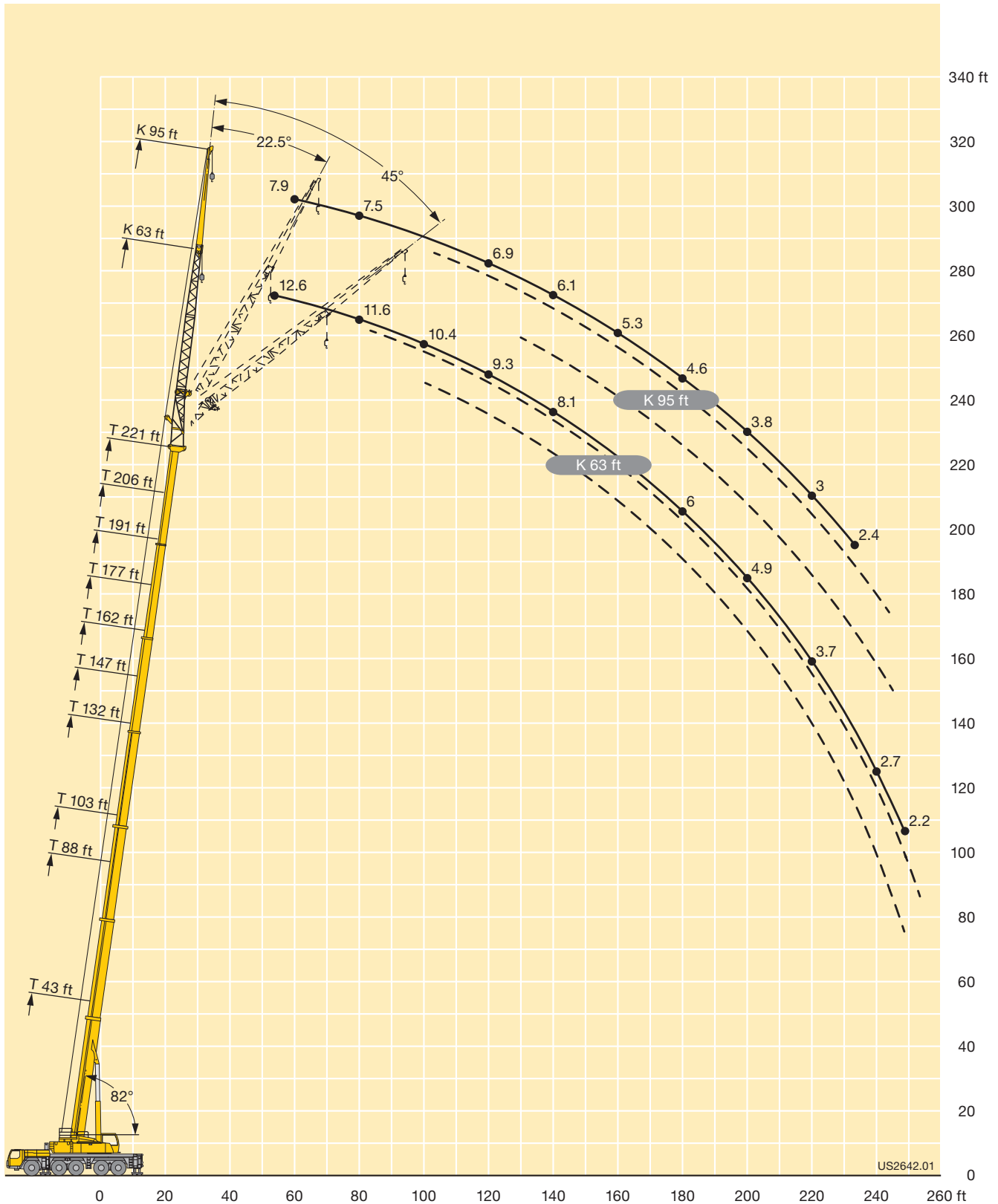
TK



43 - 221 ft
 95 ft
 360°
 159000 lbs
 85%

ft	177 ft			191 ft			206 ft			221 ft			ft
	95 ft			95 ft			95 ft			95 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
50	12.8			11.3									50
55	13			11.3			9.8						55
60	13.1			11.3			9.7			7.9			60
65	13.1			11.3			9.6			7.8			65
70	12.9			11.3			9.5			7.7			70
75	12.7			11.2			9.4			7.6			75
80	12.5			11.1			9.3			7.5			80
85	12.3	10		11			9.2			7.4			85
90	12.1	9.8		10.9	9.4		9.1			7.4			90
95	11.8	9.6		10.8	9.2		9			7.3			95
100	11.6	9.4		10.7	9.1		8.9	8.5		7.2			100
105	11.3	9.2		10.6	8.9		8.9	8.4		7.1	7		105
110	11.1	9.1	7.6	10.4	8.7		8.8	8.3		7	6.8		110
115	10.8	8.9	7.5	10.1	8.6	7.3	8.7	8.2		7	6.6		115
120	10.6	8.7	7.4	9.9	8.4	7.3	8.4	8		6.9	6.5		120
125	10.3	8.5	7.3	9.7	8.3	7.2	8.2	7.8	7.1	6.7	6.3		125
130	10.1	8.4	7.3	9.5	8.2	7.2	8	7.6	7	6.5	6.1	5.7	130
135	9.9	8.2	7.2	9.3	8	7.1	7.7	7.4	7	6.3	5.9	5.7	135
140	9.6	8.1	7.1	9	7.9	7	7.5	7.2	6.9	6.1	5.8	5.6	140
145	9.4	8	7.1	8.7	7.8	7	7.3	7	6.8	5.9	5.6	5.4	145
150	9.2	7.8	7.1	8.4	7.7	6.9	7	6.8	6.7	5.7	5.5	5.3	150
155	9	7.7	7	8.1	7.6	6.9	6.8	6.6	6.6	5.5	5.3	5.2	155
160	8.7	7.6	7	7.8	7.5	6.9	6.5	6.4	6.4	5.3	5.2	5.1	160
165	8.5	7.6	7	7.5	7.3	6.9	6.3	6.2	6.3	5.1	5	4.9	165
170	8.3	7.5	7	7.2	7.1	6.8	6.1	6	6.1	4.9	4.9	4.8	170
175	8	7.4	7	6.9	6.9	6.8	5.8	5.9	5.9	4.7	4.8	4.7	175
180	7.7	7.3	6.9	6.6	6.8	6.7	5.6	5.7	5.8	4.6	4.6	4.6	180
185	7.3	7.1	6.9	6.3	6.6	6.6	5.3	5.5	5.6	4.4	4.5	4.5	185
190	7	7	6.9	6	6.4	6.5	5.1	5.3	5.5	4.2	4.3	4.4	190
195	6.7	6.7	6.8	5.6	6.2	6.4	4.8	5.1	5.3	4	4.2	4.3	195
200	6.3	6.5	6.7	5.3	6	6.2	4.6	5	5.2	3.8	4	4.2	200
205	6	6.3	6.5	5	5.7	5.9	4.3	4.8	5	3.6	3.9	4.1	205
210	5.6	6	6.4	4.7	5.3	5.6	4	4.6	4.9	3.5	3.7	3.9	210
215	5.3	5.8	6.1	4.4	5	5.3	3.8	4.3	4.7	3.2	3.6	3.8	215
220	5.1	5.5	5.8	4.1	4.7	5	3.5	4.1	4.4	3	3.4	3.7	220
225	4.8	5.2	5.4	3.8	4.4	4.7	3.2	3.8	4.1	2.8	3.3	3.5	225
230	4.5	4.9	5	3.5	4.1	4.3	3	3.5	3.8	2.6	3	3.3	230
235	4.2	4.6	4.5	3.3	3.8	3.9	2.7	3.3	3.5	2.4	2.8	3.1	235
240	3.9	4.3	4.1	3.1	3.5	3.6	2.5	3	3.2		2.6	2.9	240
245	3.5	3.9	3.9	2.8	3.2	3.2	2.2	2.7	2.9		2.4	2.6	245
250	3.1	3.6		2.6	2.9	2.8		2.5	2.6			2.4	250
255	2.7	3.1		2.4	2.6	2.4		2.2	2.2				255
260	2.3				2.4	2.3							260

t_210_66011_01_000 / 66211_01_000 / 66411_01_000



Lifting capacities Forces de levage



TK



43 - 221 ft
 118 ft
 360°
 159000 lbs
 85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
20	12.4																		20
22	13.2																		22
24	13.8																		24
26	14.3																		26
28	14.5																		28
30	14.4			13.1															30
32	14.3			13.3			11.8												32
34	14.2			13.3			12												34
36	14.1			13.4			12.1												36
38	14			13.5			12.2			11.3									38
40	13.9			13.4			12.2			11.4									40
45	13.5			13.2			12.3			11.5			10.8						45
50	12.9			13			12.1			11.6			10.9			10			50
55	12.2			12.8			11.8			11.6			11			10.2			55
60	11.6			12.5			11.6			11.3			11			10.3			60
65	10.9			12			11.4			11.1			10.7			10.3			65
70	10.3	8.5		11.5			11			10.8			10.5			10.1			70
75	9.7	8.1		11	8.4		10.6			10.6			10.3			9.9			75
80	9.1	7.7		10.5	8		10.2	7.8		10.3			10.1			9.7			80
85	8.6	7.3		10	7.7		9.8	7.6		10	7.6		9.8			9.5			85
90	8	7		9.6	7.4		9.4	7.3		9.7	7.4		9.6	7.3		9.2			90
95	7.5	6.6		9.2	7.1		9.1	7.1		9.4	7.1		9.3	7.1		9	7		95
100	7	6.3	5.5	8.9	6.9		8.7	6.8		9.1	6.9		9	6.9		8.8	6.8		100
105	6.6	6.1	5.3	8.5	6.7		8.4	6.6		8.7	6.7		8.7	6.7		8.6	6.6		105
110	6.2	5.8	5.1	8.1	6.4	5.3	8.1	6.4		8.5	6.5		8.5	6.5		8.3	6.4		110
115	5.8	5.6	5	7.7	6.2	5.2	7.8	6.2	5.1	8.2	6.3		8.2	6.3		8.1	6.3		115
120	5.5	5.4	4.8	7.4	6	5.1	7.5	6	5	8	6.2	5	7.9	6.2	5	7.8	6.1		120
125	5.2	5.2	4.8	7.1	5.8	4.9	7.2	5.8	4.9	7.7	6	4.9	7.7	6	4.9	7.6	6	4.8	125
130	4.9	5	4.7	6.9	5.7	4.8	6.9	5.7	4.8	7.5	5.9	4.8	7.5	5.9	4.8	7.4	5.8	4.8	130
135	4.6	4.9	4.6	6.6	5.5	4.7	6.7	5.5	4.7	7.2	5.7	4.8	7.3	5.7	4.7	7.2	5.7	4.7	135
140	4.4	4.8	4.6	6.3	5.3	4.7	6.5	5.4	4.7	7	5.6	4.7	7.1	5.6	4.7	7	5.6	4.6	140
145	4.2	4.7	4.6	6.1	5.2	4.6	6.2	5.2	4.6	6.7	5.4	4.6	6.9	5.5	4.6	6.9	5.5	4.6	145
150	4	4.6		5.8	5.1	4.5	6	5.1	4.6	6.5	5.3	4.6	6.7	5.3	4.6	6.7	5.3	4.5	150
155				5.5	4.9	4.5	5.8	5	4.5	6.3	5.2	4.5	6.5	5.2	4.5	6.5	5.2	4.5	155
160				5.2	4.8	4.5	5.6	4.9	4.5	6.2	5.1	4.5	6.2	5.1	4.5	6.3	5.1	4.4	160
165				5	4.7	4.5	5.5	4.8	4.5	6	5	4.4	6.1	5.1	4.4	6.1	5.1	4.4	165
170				4.8	4.7	4.5	5.3	4.7	4.4	5.8	4.9	4.4	5.9	5	4.4	6	5	4.4	170
175				4.6	4.6	4.5	5.1	4.6	4.4	5.7	4.8	4.4	5.8	4.9	4.4	5.8	4.9	4.3	175
180				4.4	4.5	4.5	4.9	4.6	4.4	5.5	4.7	4.4	5.7	4.8	4.3	5.7	4.8	4.3	180
185				4.2	4.5	4.5	4.7	4.5	4.4	5.3	4.7	4.4	5.5	4.7	4.3	5.6	4.7	4.3	185
190				4.1	4.5		4.5	4.5	4.4	5.2	4.6	4.4	5.4	4.6	4.3	5.4	4.6	4.3	190
195				4	4.5		4.4	4.5	4.4	5.1	4.5	4.4	5.2	4.6	4.3	5.3	4.6	4.3	195
200							4.2	4.5		5	4.5	4.4	5.1	4.5	4.3	5.2	4.5	4.3	200
205							4.1	4.5		4.8	4.5	4.4	5	4.4	4.3	5.1	4.5	4.3	205
210							3.9			4.7	4.4	4.4	4.9	4.4	4.3	5	4.4	4.3	210
215										4.6	4.4	4.4	4.8	4.4	4.3	4.8	4.4	4.3	215
220										4.4	4.4	4.4	4.7	4.4	4.3	4.7	4.3	4.3	220
225										4.3	4.4	4.4	4.6	4.3	4.3	4.6	4.3	4.3	225
230										4.1	4.4		4.5	4.3	4.3	4.5	4.3	4.3	230
235										4	4.4		4.4	4.3	4.3	4.4	4.3	4.3	235
240										3.9			4.3	4.3	4.3	4.2	4.3	4.3	240
245													4.1	4.3		4.1	4.3	4.3	245
250													4	4.3		3.8	4.2	4.3	250
255													3			3.4	3.9		255
260																3	3.6		260
265																2.6	3		265

t_210_67011_01_000 / 67211_01_000 / 67411_01_000

Lifting capacities Forces de levage



TK



ft	177 ft			191 ft			206 ft			221 ft	ft
	118 ft			118 ft			118 ft			118 ft	
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	
55	9.2										55
60	9.3			8.1			7				60
65	9.3			8.1			6.9			4.4	65
70	9.4			8			6.8			4.5	70
75	9.3			8			6.8			4.6	75
80	9.1			8			6.7			4.7	80
85	8.9			7.9			6.6			4.8	85
90	8.7			7.8			6.6			4.8	90
95	8.6			7.7			6.5			4.8	95
100	8.4	6.6		7.6			6.5			4.7	100
105	8.2	6.4		7.5			6.4			4.7	105
110	8	6.3		7.4	6.1		6.3			4.7	110
115	7.8	6.1		7.3	5.9		6.3	5.6		4.6	115
120	7.6	6		7.2	5.8		6.2	5.5		4.6	120
125	7.4	5.9		7	5.7		6.1	5.4		4.6	125
130	7.2	5.7	4.7	6.9	5.6		6	5.3		4.5	130
135	7	5.6	4.6	6.7	5.4		5.9	5.2		4.4	135
140	6.8	5.5	4.6	6.6	5.3	4.5	5.7	5.1		4.3	140
145	6.7	5.4	4.5	6.4	5.2	4.4	5.6	5	3.8	4.2	145
150	6.5	5.3	4.5	6.3	5.1	4.4	5.4	4.9	3.8	4.1	150
155	6.4	5.2	4.4	6.1	5.1	4.4	5.2	4.8	3.7	3.9	155
160	6.3	5.1	4.4	5.9	5	4.3	5.1	4.8	3.6	3.8	160
165	6.1	5	4.3	5.8	4.9	4.3	4.9	4.7	3.6	3.7	165
170	6	4.9	4.3	5.6	4.8	4.2	4.7	4.6	3.5	3.5	170
175	5.8	4.8	4.3	5.4	4.7	4.2	4.5	4.4	3.5	3.4	175
180	5.7	4.8	4.3	5.2	4.6	4.2	4.4	4.3	3.4	3.3	180
185	5.5	4.7	4.2	5	4.6	4.2	4.2	4.2	3.3	3.1	185
190	5.4	4.6	4.2	4.8	4.5	4.2	4	4.1	3.2	3	190
195	5.2	4.5	4.2	4.6	4.5	4.1	3.8	4	3.1	2.8	195
200	5	4.5	4.2	4.4	4.4	4.1	3.6	3.8	3	2.7	200
205	4.8	4.4	4.2	4.2	4.4	4.1	3.4	3.7	2.9	2.5	205
210	4.6	4.3	4.2	4	4.3	4.1	3.2	3.5	2.8	2.4	210
215	4.4	4.3	4.2	3.7	4.2	4.1	3	3.4	2.7	2.2	215
220	4.2	4.2	4.2	3.4	4.1	4.1	2.8	3.2	2.6		220
225	4	4.2	4.2	3.2	3.9	4	2.5	3	2.5		225
230	3.8	4.1	4.2	2.9	3.7	3.8	2.3	2.9	2.4		230
235	3.5	4	4.2	2.7	3.4	3.6		2.7	2.2		235
240	3.3	3.9	4	2.4	3.1	3.4		2.5			240
245	3.1	3.6	3.7		2.8	3.1		2.3			245
250	2.8	3.3	3.4		2.6	2.8					250
255	2.6	3	2.9		2.3	2.5					255
260	2.3	2.8	2.6								260
265		2.5	2.4								265

t_210_67011_01_000 / 67211_01_000 / 67411_01_000

Lifting capacities Forces de levage



TVK

LICCON2



ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft	
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft				
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°		
10	71.8																		10	
11	68.4																		11	
12	65.6																		12	
13	63																		13	
14	60.4																		14	
15	58.1	56.9																	15	
16	55.9	55.5																	16	
17	53.9	53.5																	17	
18	52.1	51.8	51.9	62.8															18	
19	50.3	50.3	50.3	61.3															19	
20	48.6	48.9	48.7	59.8															20	
22	45.7	46	45.8	56.7			52.8												22	
24	43.1	43.1	43.4	54	49.2		50.7												24	
26	40.6	40.8	40.9	51.8	47.3		48.6												26	
28	38.2	38.8	38.6	49.6	45.4	42.4	46.7	41		46.5									28	
30	36.1	36.8	36.7	47.4	43.9	40.9	45	39.7		45.2									30	
32	34.4	34.9	34.9	45.3	42.4	39.5	43.5	38.5	36.4	43.9			42.6						32	
34	32.7	33.1	33.1	43.1	40.9	38.3	42	37.4	35.4	42.7	37.6		41.6						34	
36	31.2	31.6	31.4	41.5	39.5	37.1	40.6	36.4	34.4	41.5	36.7		40.6						36	
38	29.7	30.3	30	40.1	38	35.9	39.1	35.4	33.6	40.3	35.8	33.5	39.6	34.6			37.6		38	
40	28.4	28.9	28.8	38.8	36.8	34.7	37.7	34.5	32.7	39.3	35	32.8	38.5	33.9			36.8		40	
45	25.7	25.6	25.6	35.4	34.2	32.3	35	32.1	30.7	36.7	33.1	31.1	36.4	32.2	30.2		34.9	30.7	28.6	45
50	23.2	23.1	22.9	32.4	31.5	30	32.7	30.2	28.8	34.1	31.4	29.7	34.4	30.9	29	33.2	29.4	27.6		50
55	20.8	20.8	20.5	30.2	29.2	27.9	30.3	28.4	27.2	32.1	29.7	28.3	32.3	29.5	27.7	31.7	28.2	26.6		55
60	19.2	18.9	18.4	28.1	27.3	26.1	28.4	26.7	25.5	30.5	28.2	27	30.5	28.1	26.4	30.2	27	25.6		60
65	17.5	17.3	16.7	26	25.4	24.3	26.8	25.2	24.1	28.9	26.8	25.6	29	26.9	25.2	28.7	25.9	24.5		65
70	16.2	15.8	13.2	24.1	23.4	22.5	25.2	23.7	22.8	27.3	25.3	24.3	27.6	25.6	24.2	27.4	24.7	23.4		70
75	15.3	14.7		22.8	22	21.1	23.6	22.3	21.5	26	24	23	26.2	24.4	23.1	26.2	23.8	22.5		75
80				21.4	20.8	19.8	22.1	21	20.2	24.8	23	22	24.9	23.2	22	25	22.9	21.7		80
85				20.1	19.5	18.6	21.1	19.9	19.1	23.7	22	21	23.9	22.2	21	23.9	22	20.8		85
90				19	18.3	17.5	20.1	18.9	18.2	22.5	21	20.1	22.9	21.3	20.3	22.7	21.1	20		90
95				18.1	17.4	16.6	19.1	18	17.3	21.3	20.1	19.2	22.1	20.5	19.5	21.8	20.3	19.2		95
100				17.2	16.6	15.8	18.2	17.1	16.4	20.4	19.1	18.3	21.1	19.7	18.8	20.8	19.6	18.6		100
105				16.4	15.7	15	17.5	16.4	15.8	19.6	18.4	17.6	20.2	19	18	19.9	18.9	18		105
110				15.8	15.1	13.6	16.8	15.8	15.2	18.9	17.8	17	19.4	18.2	17.3	19	18.3	17.4		110
115				15.3	14.6		16.2	15.2	14.6	18.2	17.1	16.4	18.8	17.6	16.7	18	17.6	16.8		115
120				14.9			15.6	14.7	14.1	17.4	16.5	15.7	18.2	17	16.2	17.1	17	16.2		120
125							15.3	14.3	12.2	16.8	15.8	15.2	17.6	16.5	15.7	16.3	16.3	15.6		125
130							14.9	13.9		16.4	15.4	14.7	17	16	15.2	15.5	15.6	15		130
135							14.6			15.9	15	14.3	16.4	15.5	14.7	14.8	14.8	14.4		135
140										15.5	14.6	13.9	15.8	15	14.3	14	14.1	13.9		140
145										15.1	14.2	13.5	15.1	14.5	14	13.3	13.4	13.3		145
150										14.8	13.9	13.1	14.4	14	13.7	12.6	12.7	12.7		150
155										14.5	13.7		13.7	13.6	13.3	11.9	12	12.1		155
160										14.3			13	13.1	12.9	11.3	11.4	11.5		160
165													12.5	12.5	12.4	10.8	10.8	10.8		165
170													12	12		10.1	10.2	10.2		170
175													11.1			9.6	9.7	9.7		175
180																9.2	9.2	9.2		180
185																8.6	8.7			185
190																7.8				190

t_210_81011_01_000 / 51211_01_000 / 81411_01_000

Lifting capacities Forces de levage

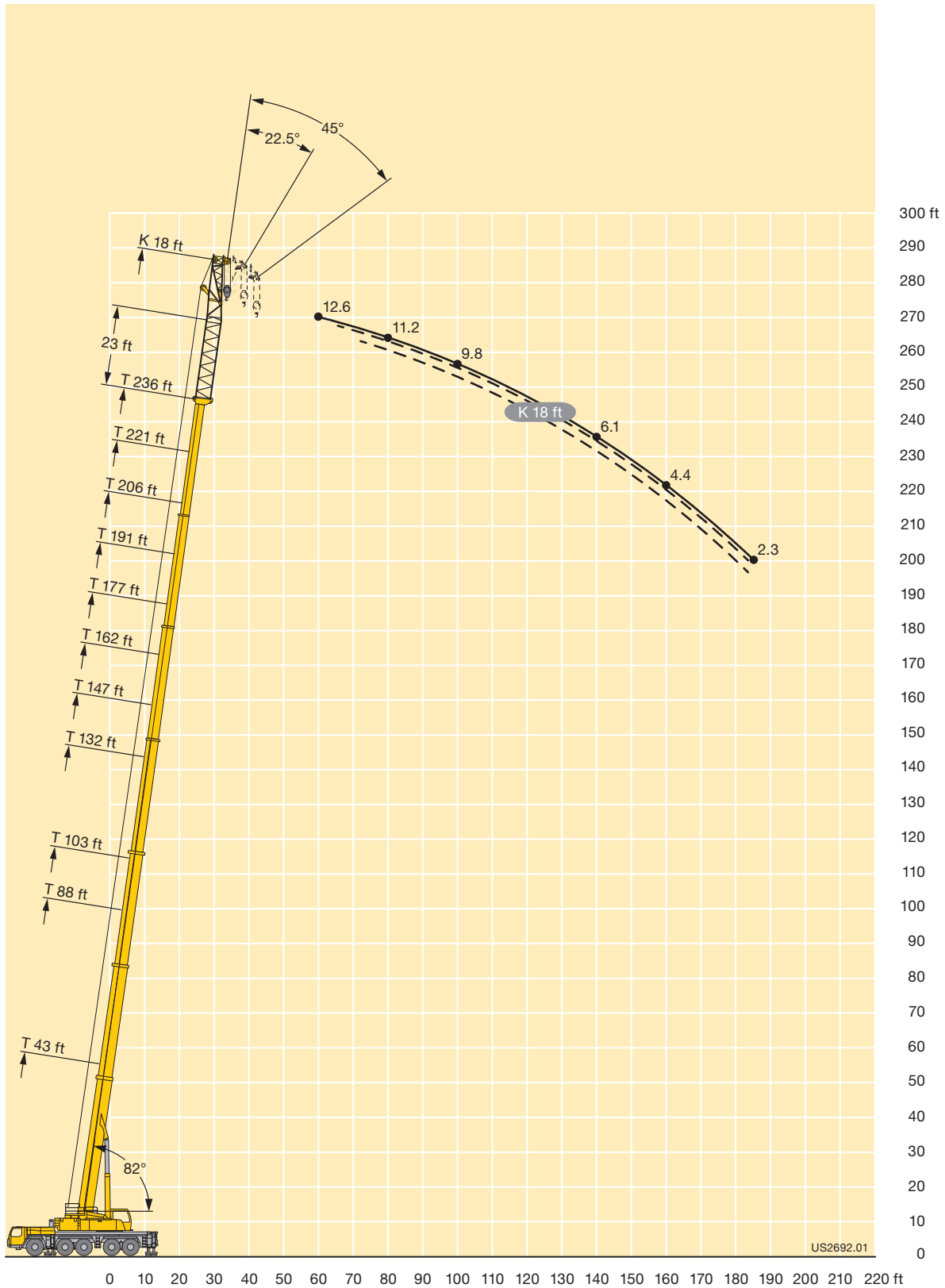


TVK



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			236 ft + 23 ft			ft
	18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
45	32.6	28.2		27.6												45
50	31.2	27.3	25.8	26.5	22.5		19.6									50
55	29.8	26.5	24.8	25.5	21.8	20.3	19	18.8		15.4						55
60	28.5	25.5	23.8	24.5	21.1	19.7	18.5	18.1	17.3	15	14.9		12.6			60
65	27.3	24.6	22.8	23.4	20.4	19.2	17.9	17.5	16.9	14.6	14.4	14.3	12.3	12.3		65
70	26.1	23.6	21.9	22.3	19.8	18.6	17.3	16.8	16.5	14.2	13.9	13.9	11.9	11.9	11.9	70
75	24.8	22.6	21.1	21.2	19.2	18.1	16.6	16.2	16	13.7	13.5	13.4	11.6	11.5	11.5	75
80	23.7	21.8	20.4	20.2	18.6	17.5	16	15.7	15.5	13.3	13.1	13	11.2	11.1	11.1	80
85	22.6	21	19.7	19.2	17.9	17	15.4	15.1	15	12.8	12.6	12.6	10.9	10.8	10.8	85
90	21.4	20.3	19	18.3	17.3	16.4	14.8	14.6	14.5	12.3	12.2	12.2	10.5	10.4	10.4	90
95	20.3	19.6	18.4	17.5	16.6	16	14.2	14.1	14	11.9	11.8	11.8	10.2	10.1	10.1	95
100	19.3	18.9	17.8	16.7	16	15.6	13.7	13.6	13.5	11.5	11.4	11.3	9.8	9.8	9.8	100
105	18.3	18.1	17.1	15.8	15.3	15.1	13.2	13.1	13.1	11.1	11	11	9.5	9.4	9.5	105
110	17.4	17.3	16.4	15	14.7	14.6	12.7	12.6	12.6	10.8	10.7	10.6	9	9.1	9.1	110
115	16.5	16.5	15.7	14.4	14.1	14.1	12.1	12.1	12.1	10.4	10.3	10.3	8.5	8.6	8.7	115
120	15.6	15.6	15	13.7	13.5	13.6	11.7	11.6	11.6	10.1	10	10	8	8.1	8.3	120
125	14.7	14.8	14.3	13.1	12.9	13	11.2	11.2	11.2	9.7	9.6	9.6	7.5	7.7	7.8	125
130	13.8	13.9	13.6	12.5	12.4	12.4	10.8	10.8	10.8	9.4	9.3	9.3	7	7.2	7.3	130
135	13	13.1	12.9	11.8	11.8	11.9	10.4	10.4	10.4	9	9	9	6.6	6.8	6.9	135
140	12.4	12.5	12.3	11.2	11.3	11.3	10	10	10	8.7	8.7	8.7	6.1	6.3	6.5	140
145	11.8	11.9	11.6	10.6	10.7	10.8	9.6	9.6	9.6	8.4	8.4	8.4	5.7	5.9	6	145
150	11.2	11.3	11	10.1	10.2	10.2	9.1	9.2	9.2	8.1	8.1	8.1	5.2	5.4	5.6	150
155	10.6	10.6	10.4	9.6	9.7	9.8	8.7	8.8	8.8	7.8	7.8	7.8	4.8	5	5.1	155
160	10	10	9.9	9	9.2	9.3	8.3	8.4	8.4	7.5	7.5	7.5	4.4	4.6	4.7	160
165	9.4	9.5	9.4	8.6	8.7	8.8	7.9	8	8	7.2	7.2	7.2	4	4.2	4.3	165
170	9	9	8.9	8.1	8.2	8.3	7.5	7.5	7.6	6.9	6.9	6.9	3.6	3.7	3.8	170
175	8.5	8.5	8.4	7.6	7.7	7.8	7.1	7.2	7.2	6.5	6.6	6.6	3.1	3.3	3.4	175
180	8	8.1	8	7.1	7.3	7.3	6.7	6.7	6.8	6.2	6.3	6.2	2.7	2.9	3	180
185	7.6	7.6	7.6	6.8	6.9	6.9	6.3	6.3	6.4	5.8	5.9	5.9	2.3	2.5	2.6	185
190	7.1	7.2	7.1	6.4	6.6	6.5	5.9	5.9	6	5.5	5.6	5.6				190
195	6.7	6.8	6.7	6	6.2	6.2	5.5	5.6	5.6	5.1	5.2	5.2				195
200	6.1	6.2		5.6	5.8	5.7	5.2	5.2	5.3	4.8	4.9	4.9				200
205	5.5			5.3	5.4	5.4	4.8	4.9	4.9	4.5	4.5	4.5				205
210				4.9	5	5	4.5	4.5	4.5	4.1	4.2	4.2				210
215				4.3	4.5		4.1	4.2	4.1	3.9	3.9	3.9				215
220				3.8			3.9	3.9	3.9	3.6	3.6	3.6				220
225							3.7	3.7		3.3	3.3	3.3				225
230							3.5	3.5		3	3	3				230
235							3.3			2.7	2.8	2.7				235
240										2.5	2.5					240
245										2.2	2.2					245

t_210_81011_01_000 / 51211_01_000 / 81411_01_000



Lifting capacities Forces de levage



TVK



43 - 221 ft
 23 ft
 40 ft
 K
 360°
 159000 lbs
 85%

ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
10	50.7																		10
11	50.7																		11
12	50.7																		12
13	50.7																		13
14	50.7																		14
15	50.5																		15
16	50.2																		16
17	49.8																		17
18	49.4																		18
19	49			50.5															19
20	48.6			50.4															20
22	47.8			50.3															22
24	47			50.2			43												24
26	45.4	35.1		50.1			42.2												26
28	43.1	33.9		49.1			41.3												28
30	41	32.9		47.9			40.5			38									30
32	39	31.9		46.7			39.6			37.4									32
34	36.9	31		45.4	33.3		38.4			36.9			34.3						34
36	34.9	30.1	24.4	44.1	32.5		37.3			36.3			33.9						36
38	33.3	29.2	23.9	42.9	31.8		36	25.5		35.7			33.5			30.4			38
40	31.9	28.3	23.5	41.6	31.1		34.9	25.5		35			33			30.1			40
45	28.8	26.3	22.6	38.5	29.7	23.6	31.9	25.3		33.1	25.1		31.8			29.3			45
50	26.2	24.3	21.7	35.4	28.3	22.9	29.4	24.1	21.4	31.2	24.7		30.3	24.4		28.5			50
55	23.6	22.5	21	32.3	26.8	22.3	27.4	22.9	20.3	29.2	23.8	20.6	28.7	23.4		27.4	22.2		55
60	21.9	20.6	20	29.7	25.3	21.7	25.3	21.7	19.3	27.4	22.7	19.7	27.1	22.4	19.5	26.1	21.4		60
65	20.2	19	18.8	27.9	23.7	21.1	23.3	20.5	18.3	25.9	21.5	18.8	25.5	21.4	18.7	24.8	20.6	18.3	65
70	18.5	17.8	17.4	26.1	22.4	20.5	21.8	19.4	17.5	24.3	20.3	18.1	24.2	20.4	18	23.5	19.8	17.6	70
75	17.4	16.6	16	24.3	21.3	19.8	20.6	18.3	16.7	22.7	19.5	17.3	23	19.4	17.4	22.3	19	17	75
80	16.3	15.5	14.6	22.5	20.1	18.7	19.4	17.4	16	21.3	18.6	16.7	21.8	18.6	16.7	21.4	18.2	16.5	80
85	15.2	14.5	13.3	21.2	19	17.6	18.1	16.6	15.4	20.2	17.7	16.1	20.6	17.9	16.1	20.4	17.5	16	85
90	14.2	13.5	9.9	20.2	18.1	16.5	16.9	15.8	14.9	19.3	16.8	15.6	19.4	17.2	15.7	19.5	16.9	15.5	90
95	13.5	12.8		19.2	17.3	15.7	16	15	14.3	18.4	16.3	15.1	18.6	16.4	15.2	18.5	16.4	15.1	95
100				18.1	16.5	14.9	15.3	14.3	13.8	17.5	15.7	14.7	17.9	15.9	14.8	17.7	15.8	14.6	100
105				17.2	15.7	14.2	14.6	13.8	13.3	16.6	15.1	14.2	17.2	15.3	14.4	17	15.2	14.2	105
110				16.5	15	13.5	13.9	13.3	12.9	15.7	14.6	13.8	16.5	14.9	14	16.5	14.7	13.8	110
115				15.8	14.4	12.9	13.2	12.7	12.5	15.1	14	13.4	15.8	14.4	13.6	15.9	14.3	13.4	115
120				15	13.8	12.2	12.7	12.2	12.1	14.5	13.5	13	15.1	13.9	13.2	15.4	13.9	13	120
125				14.3	13.2	11.7	12.2	11.8	11.7	14	13.1	12.7	14.5	13.4	12.8	14.8	13.6	12.7	125
130				13.9	12.7	8.6	11.8	11.4	11.4	13.5	12.7	12.3	14	13	12.5	14.3	13.2	12.4	130
135				13.5	12.2	5.2	11.3	11.1	11.1	13	12.3	12	13.6	12.6	12.2	13.7	12.8	12	135
140				13.1	11.9		10.9	10.7	10.5	12.5	11.9	11.6	13.1	12.3	11.8	13.1	12.4	11.7	140
145							10.6	10.5	7.1	12.1	11.6	11.3	12.7	12	11.5	12.6	12	11.4	145
150							10.2	10.2	4.8	11.7	11.3	11	12.3	11.7	11.2	12	11.6	11.1	150
155							10	10.1		11.4	11	10.7	11.9	11.3	10.9	11.4	11.2	10.9	155
160										11	10.7	10.4	11.6	11.1	10.6	10.9	10.9	10.6	160
165										10.7	10.5	10.1	11.3	10.8	10.4	10.3	10.5	10.3	165
170										10.4	10.3	8.1	11	10.6	10.1	9.8	10.1	10.1	170
175										10.2	10.1	5.8	10.7	10.4	9.9	9.3	9.7	9.6	175
180										10	10		10.4	10.2	9.6	8.9	9.2	9.2	180
185										9.9			10	9.9	7.1	8.5	8.8	8.8	185
190													9.6	9.6	5.5	8	8.3	8.4	190
195													9	9.3		7.6	7.9	7.9	195
200													6.8			7.2	7.5	6.5	200
205																6.7	7.1	5.2	205
210																6.1	6.4		210
215																4.5			215

t_210_82011_01_000 / 52211_01_000 / 82411_01_000

Lifting capacities Forces de levage



TVK

LICCON2



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			ft
	40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
45	24.6			20.3									45
50	24.2			20			15.9						50
55	23.8			19.6			15.6			12.6			55
60	23.1	19.6		19.3	17.3		15.3			12.4			60
65	22.3	19		18.8	17		14.9	12.2		12.1			65
70	21.5	18.5	16.5	18.1	16.6		14.6	14		11.8	11.3		70
75	20.6	17.9	16	17.4	16.1	14.6	14.1	13.6		11.5	11		75
80	19.8	17.3	15.5	16.7	15.7	14.2	13.7	13.1	12.6	11.2	10.7		80
85	19	16.8	15.1	16	15.2	13.8	13.2	12.6	12.3	10.8	10.3	10.1	85
90	18.3	16.2	14.7	15.3	14.7	13.5	12.7	12.2	12	10.5	10	9.8	90
95	17.5	15.7	14.3	14.8	14.3	13.2	12.3	11.8	11.7	10.2	9.7	9.5	95
100	16.8	15.3	13.9	14.2	13.8	12.9	11.8	11.4	11.3	9.8	9.4	9.2	100
105	16	14.9	13.5	13.7	13.3	12.6	11.4	11	11	9.5	9.1	8.9	105
110	15.3	14.4	13.2	13.2	12.9	12.2	11	10.7	10.6	9.2	8.9	8.7	110
115	14.7	14	12.9	12.6	12.4	11.9	10.7	10.3	10.3	8.9	8.6	8.5	115
120	14.1	13.6	12.5	12.1	12	11.6	10.3	10	9.9	8.6	8.3	8.2	120
125	13.5	13.1	12.2	11.7	11.5	11.3	9.9	9.7	9.7	8.3	8.1	8	125
130	12.9	12.6	11.9	11.2	11.1	11.1	9.5	9.4	9.4	8	7.8	7.8	130
135	12.3	12.2	11.6	10.8	10.7	10.7	9.1	9.1	9.1	7.7	7.6	7.6	135
140	11.7	11.7	11.4	10.3	10.3	10.4	8.8	8.8	8.8	7.4	7.4	7.3	140
145	11.1	11.3	11.1	9.9	9.9	10	8.5	8.5	8.5	7.2	7.1	7.1	145
150	10.6	10.8	10.8	9.4	9.6	9.6	8.2	8.2	8.2	6.9	6.9	6.9	150
155	10.1	10.4	10.5	9	9.2	9.3	7.8	7.9	8	6.7	6.7	6.7	155
160	9.7	9.9	10.1	8.6	8.8	8.9	7.5	7.6	7.7	6.4	6.4	6.5	160
165	9.2	9.4	9.6	8.2	8.4	8.5	7.2	7.4	7.4	6.2	6.2	6.3	165
170	8.7	9	9.1	7.8	8	8.1	6.9	7.1	7.2	5.9	6	6.1	170
175	8.2	8.5	8.7	7.3	7.6	7.8	6.5	6.8	6.9	5.7	5.8	5.9	175
180	7.8	8	8.2	7	7.2	7.4	6.2	6.5	6.6	5.4	5.6	5.7	180
185	7.4	7.6	7.7	6.6	6.8	7	5.8	6.1	6.2	5.1	5.3	5.5	185
190	7	7.2	7.3	6.1	6.4	6.6	5.5	5.8	5.9	4.9	5.1	5.3	190
195	6.7	6.9	6.9	5.8	6.1	6.2	5.1	5.4	5.5	4.6	4.8	5	195
200	6.3	6.5	6.5	5.4	5.7	5.8	4.8	5.1	5.2	4.3	4.6	4.7	200
205	6	6.1	6.1	5.1	5.3	5.4	4.4	4.7	4.8	4	4.3	4.4	205
210	5.6	5.8	5.8	4.8	5	5.1	4.1	4.3	4.5	3.7	4	4.1	210
215	5.2	5.4	5.4	4.4	4.6	4.7	3.8	4	4.1	3.4	3.7	3.8	215
220	4.7	4.9	4.7	4.1	4.3	4.3	3.5	3.7	3.8	3.2	3.4	3.5	220
225	4.1	4.3		3.8	3.9	3.9	3.3	3.4	3.5	2.9	3.2	3.2	225
230	3.1			3.5	3.7	3.6	3	3.2	3.2	2.7	2.9	2.9	230
235				3.1	3.3	3.1	2.7	2.9	2.8	2.4	2.6	2.6	235
240				2.6	2.8		2.5	2.6	2.5		2.4	2.3	240
245							2.3	2.4	2.3				245

t_210_82011_01_000 / 52211_01_000 / 82411_01_000

Lifting capacities Forces de levage



TVK



43 - 221 ft
 23 ft
 63 ft
 K
 360°
 159000 lbs
 85%

ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	63 ft			63 ft			63 ft			63 ft			63 ft			63 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
15	37.1																		15
16	37.1																		16
17	37.1																		17
18	37.1																		18
19	37.1																		19
20	37.1																		20
22	36.8																		22
24	35.9			32.5															24
26	35.1			32.4															26
28	34.2			32.3			27.9												28
30	33.4			32.2			27.7												30
32	32.5			32			27.6												32
34	31.5			31.6			27.4			23.9									34
36	30.4			31.1			27.2			23.9									36
38	29.2			30.6			27			23.9			22						38
40	28	24		30			26.4			23.9			22						40
45	25.1	22.1		28.7			24.7			23.8			21.9			19.8			45
50	22.6	20.3		27.2	21.7		22.9			22.8			21.7			19.7			50
55	20.8	18.6		25.4	20.3		21.1	17.2		21.8			21.1			19.5			55
60	19	17.2	15.5	23.6	19.1		19.8	16.2		20.7	16.5		20.2			19			60
65	17.2	15.9	14.5	21.7	18	15.4	18.6	15.4		19.7	15.7		19.3	15.6		18.4			65
70	15.7	14.8	13.7	20.1	17	14.8	17.4	14.6	12.9	18.7	15		18.4	14.9		17.6	14.6		70
75	14.7	13.9	13	19	16.2	14.2	16.2	13.9	12.4	17.8	14.4	12.6	17.6	14.3		16.9	14		75
80	13.6	13	12.3	18	15.3	13.6	15.2	13.3	11.9	16.9	13.8	12.2	16.9	13.8	12.1	16.3	13.5		80
85	12.8	12.3	11.7	16.9	14.6	13.1	14.5	12.7	11.5	16.1	13.2	11.8	16.1	13.3	11.7	15.6	13.1	11.6	85
90	11.9	11.6	11.2	15.9	14	12.7	13.8	12.1	11.1	15.2	12.7	11.4	15.4	12.8	11.4	15.1	12.6	11.2	90
95	11.2	11	10.7	14.9	13.4	12.2	13.1	11.6	10.7	14.5	12.3	11	14.7	12.3	11.1	14.5	12.2	10.9	95
100	10.5	10.4	10.2	14.1	12.9	11.8	12.4	11.2	10.3	13.9	11.8	10.7	14	11.9	10.7	14	11.8	10.7	100
105	9.9	9.9	9.8	13.5	12.3	11.5	11.8	10.7	10	13.4	11.4	10.4	13.5	11.5	10.4	13.4	11.4	10.4	105
110	9.4	9.5	9.6	12.9	11.8	11.1	11.2	10.3	9.7	12.8	11	10.1	13	11.1	10.2	12.9	11.1	10.1	110
115	8.9	9.1		12.2	11.4	10.8	10.7	9.9	9.4	12.3	10.6	9.8	12.6	10.8	9.9	12.4	10.7	9.9	115
120	8.5	8.8		11.6	11	10.5	10.3	9.5	9.1	11.7	10.3	9.6	12.1	10.4	9.7	12	10.4	9.6	120
125				11.1	10.6	10.2	9.8	9.2	8.8	11.2	10	9.3	11.6	10.2	9.4	11.7	10.1	9.4	125
130				10.7	10.2	10	9.4	8.9	8.6	10.8	9.6	9.1	11.2	9.9	9.2	11.3	9.9	9.2	130
135				10.3	9.9	9.8	9	8.6	8.4	10.4	9.3	8.9	10.7	9.6	9	10.9	9.6	9	135
140				9.9	9.6	9.6	8.6	8.3	8.1	10.1	9	8.7	10.3	9.3	8.8	10.5	9.4	8.8	140
145				9.5	9.3	9.4	8.3	8.1	8	9.7	8.8	8.5	10	9	8.6	10.2	9.1	8.6	145
150				9.2	9.1	9.1	8	7.8	7.8	9.3	8.6	8.3	9.7	8.8	8.4	9.8	8.9	8.5	150
155				8.9	8.9	5.7	7.7	7.6	7.6	9	8.3	8.1	9.4	8.6	8.2	9.5	8.6	8.3	155
160				8.6	8.8		7.4	7.4	7.6	8.7	8.1	8	9.1	8.4	8.1	9.2	8.4	8.1	160
165				8.4			7.2	7.2	7.5	8.4	7.9	7.8	8.8	8.1	8	9	8.2	8	165
170							7	7	4.9	8.2	7.7	7.7	8.5	7.9	7.9	8.7	8.1	7.9	170
175							6.8	6.9		7.9	7.5	7.6	8.2	7.8	7.7	8.5	7.9	7.8	175
180							6.8			7.7	7.4	7.5	8	7.6	7.6	8.2	7.7	7.7	180
185										7.4	7.2	7.5	7.8	7.4	7.5	7.9	7.5	7.5	185
190										7.2	7	7.5	7.6	7.3	7.4	7.6	7.4	7.4	190
195										7	6.9	6.2	7.4	7.1	7.3	7.3	7.1	7.2	195
200										6.9	6.9		7.2	7	7.3	6.9	6.9	7	200
205										6.7	6.8		7	6.9	7.3	6.6	6.6	6.8	205
210										3.8			6.9	6.8	5.7	6.2	6.4	6.6	210
215													6.7	6.8		5.9	6.1	6.2	215
220													6.5	6.7		5.6	5.8	5.7	220
225																5	5.5	5.1	225
230																4.5	4.9		230
235																4	4.2		235
240																			240

t_210_83011_01_000 / 53211_01_000 / 83411_01_000

Lifting capacities Forces de levage



TVK



43 - 221 ft
 23 ft
 63 ft
 K
 360°
 159000 lbs
 85%

ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			ft
	63 ft			63 ft			63 ft			63 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
50	17.3												50
55	17.1			14.8			12.1						55
60	17			14.5			11.9			9.3			60
65	16.8			14.4			11.8			9.2			65
70	16.3	13.8		14.1			11.6			9			70
75	15.8	13.4		13.8			11.5			8.9			75
80	15.3	13		13.5	12.2		11.2			8.7			80
85	14.8	12.6		13.1	11.9		10.9	10.5		8.5			85
90	14.3	12.2	11	12.8	11.5		10.5	10.1		8.3	7.9		90
95	13.8	11.9	10.7	12.4	11.2	10.2	10.2	9.8		8	7.7		95
100	13.4	11.5	10.4	12.1	10.9	10	9.8	9.5	9.1	7.7	7.4		100
105	13	11.1	10.2	11.7	10.6	9.8	9.5	9.2	8.9	7.5	7.2	7.1	105
110	12.6	10.8	9.9	11.3	10.4	9.6	9.1	8.9	8.7	7.2	7	6.9	110
115	12.1	10.5	9.7	10.9	10.1	9.4	8.8	8.6	8.5	7	6.8	6.7	115
120	11.7	10.2	9.5	10.5	9.8	9.2	8.5	8.3	8.2	6.8	6.6	6.5	120
125	11.3	10	9.3	10.1	9.5	9	8.3	8	8	6.5	6.4	6.3	125
130	10.9	9.7	9.1	9.7	9.3	8.8	8	7.8	7.8	6.3	6.2	6.1	130
135	10.6	9.4	8.9	9.3	9	8.7	7.7	7.5	7.5	6.1	6	5.9	135
140	10.2	9.2	8.7	8.9	8.8	8.5	7.4	7.3	7.3	5.9	5.8	5.8	140
145	9.8	9	8.5	8.6	8.5	8.4	7.1	7	7.1	5.7	5.6	5.6	145
150	9.5	8.8	8.4	8.2	8.3	8.2	6.8	6.8	6.8	5.4	5.4	5.4	150
155	9.1	8.6	8.3	7.9	8	8	6.5	6.6	6.6	5.2	5.3	5.3	155
160	8.8	8.4	8.1	7.5	7.7	7.8	6.3	6.3	6.4	5	5.1	5.1	160
165	8.4	8.2	8	7.2	7.4	7.5	6	6.1	6.2	4.8	4.9	5	165
170	8	8	7.8	6.8	7.1	7.3	5.7	5.9	6	4.6	4.7	4.9	170
175	7.7	7.8	7.7	6.5	6.9	7.1	5.5	5.6	5.8	4.4	4.5	4.7	175
180	7.3	7.5	7.5	6.2	6.6	6.8	5.2	5.4	5.6	4.2	4.4	4.5	180
185	6.9	7.2	7.2	5.8	6.3	6.6	4.9	5.2	5.4	4	4.2	4.4	185
190	6.5	6.8	6.9	5.5	6	6.3	4.7	4.9	5.2	3.8	4	4.2	190
195	6.1	6.5	6.6	5.1	5.6	5.9	4.4	4.7	5	3.6	3.8	4	195
200	5.7	6.1	6.3	4.8	5.3	5.5	4.1	4.5	4.8	3.4	3.7	3.8	200
205	5.4	5.8	6	4.5	4.9	5.2	3.8	4.2	4.5	3.2	3.5	3.7	205
210	5.1	5.5	5.6	4.1	4.6	4.8	3.5	3.9	4.2	3	3.3	3.5	210
215	4.8	5.1	5.2	3.8	4.2	4.4	3.2	3.6	3.8	2.7	3.1	3.3	215
220	4.5	4.8	4.9	3.5	3.9	4	2.9	3.3	3.5	2.5	2.9	3	220
225	4.2	4.5	4.5	3.3	3.6	3.7	2.6	3	3.2	2.3	2.6	2.8	225
230	3.9	4.1	4	3	3.3	3.4	2.4	2.8	2.9		2.4	2.5	230
235	3.6	3.8	3.6	2.7	3	3		2.5	2.6			2.3	235
240	3.1	3.5	3.1	2.5	2.7	2.7		2.2	2.3				240
245	2.6	2.9		2.2	2.4	2.3							245
250	2.2	2.3											250

t_210_83011_01_000 / 53211_01_000 / 83411_01_000

Lifting capacities Forces de levage



TVK



43 - 221 ft
 23 ft
 72 ft
 K
 360°
 159000 lbs
 85%

ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
15	23.9																		15
16	24																		16
17	24																		17
18	24.1																		18
19	24.2																		19
20	24.3																		20
22	24.3																		22
24	24.3			22															24
26	24.2			22.1															26
28	24.1			22.2			19.7												28
30	24			22.3			19.8												30
32	23.9			22.4			19.8												32
34	23.8			22.4			19.9			18.3									34
36	23.5			22.3			20			18.4									36
38	23.2			22.2			20			18.4			17.2						38
40	22.9			22.1			19.9			18.5			17.3						40
45	21.9	18.2		21.9			19.5			18.6			17.4			16			45
50	20.6	17.4		21.8			19.2			18.3			17.5			16.1			50
55	19	16.6		21.1	17.2		18.8			18			17.3			16.2			55
60	17.5	15.6		20.3	16.7		18.3	14.9		17.6			16.9			16.1			60
65	16	14.7	13.1	19.4	16		17.3	14.2		17.2	14.4		16.6			15.7			65
70	14.9	13.8	12.7	18.6	15.4		16.4	13.5		16.8	13.8		16.2	13.6		15.4			70
75	13.8	13	12.2	17.8	14.7	12.8	15.4	12.9		16.2	13.2		15.8	13.1		15	12.8		75
80	12.9	12.3	11.6	17	14.1	12.5	14.5	12.3	11.1	15.5	12.7		15.3	12.7		14.7	12.4		80
85	12	11.6	11	16.1	13.5	12.1	13.8	11.8	10.7	14.8	12.2	10.8	14.8	12.2		14.3	12		85
90	11.3	11	10.6	15.3	12.9	11.6	13.2	11.3	10.3	14.1	11.7	10.5	14.2	11.8	10.4	13.8	11.6	10.3	90
95	10.6	10.4	10.1	14.4	12.4	11.3	12.6	10.8	9.9	13.4	11.3	10.2	13.6	11.4	10.1	13.4	11.2	10	95
100	10	9.9	9.7	13.6	11.9	10.9	12	10.4	9.6	12.9	10.9	9.9	13	11	9.9	12.9	10.9	9.8	100
105	9.5	9.5	9.3	12.9	11.4	10.5	11.4	10	9.3	12.4	10.6	9.6	12.5	10.6	9.6	12.4	10.5	9.5	105
110	9	9	8.9	12.4	11	10.2	10.8	9.7	9	12	10.2	9.3	12.1	10.3	9.3	11.9	10.2	9.3	110
115	8.6	8.6	8.7	11.9	10.6	9.9	10.3	9.3	8.7	11.5	9.8	9.1	11.7	10	9.1	11.5	9.9	9.1	115
120	8.2	8.3	8.5	11.4	10.2	9.6	9.9	9	8.5	11	9.6	8.8	11.3	9.7	8.9	11.1	9.7	8.8	120
125	7.8	8		10.9	9.9	9.4	9.6	8.6	8.2	10.6	9.3	8.6	10.9	9.4	8.7	10.8	9.4	8.7	125
130	7.6			10.4	9.5	9.2	9.2	8.3	8	10.1	9	8.4	10.5	9.1	8.4	10.5	9.1	8.5	130
135				10	9.2	9	8.8	8.1	7.8	9.7	8.7	8.2	10.1	8.9	8.3	10.2	8.8	8.3	135
140				9.6	8.9	8.8	8.4	7.8	7.6	9.4	8.4	8	9.7	8.6	8.1	9.9	8.6	8.1	140
145				9.2	8.7	8.6	8.1	7.6	7.4	9.1	8.2	7.8	9.4	8.4	7.9	9.6	8.4	7.9	145
150				8.9	8.4	8.5	7.8	7.3	7.2	8.8	8	7.6	9.1	8.2	7.8	9.2	8.2	7.8	150
155				8.5	8.2	8.5	7.5	7.1	7.1	8.5	7.8	7.5	8.8	7.9	7.6	8.9	8	7.6	155
160				8.2	8	8.4	7.2	6.9	7	8.2	7.6	7.3	8.5	7.7	7.4	8.7	7.8	7.5	160
165				7.9	7.9		7	6.8	6.9	7.9	7.4	7.2	8.3	7.5	7.3	8.4	7.6	7.3	165
170				7.7	7.8		6.7	6.6	6.8	7.7	7.2	7.1	8	7.4	7.2	8.2	7.4	7.2	170
175							6.5	6.4	6.8	7.4	7	7	7.8	7.2	7.1	8	7.3	7.1	175
180							6.3	6.3		7.2	6.8	6.9	7.5	7	7	7.8	7.1	7	180
185							6.2	6.3		7	6.7	6.8	7.3	6.9	6.9	7.5	7	6.9	185
190										6.8	6.5	6.8	7.1	6.7	6.8	7.3	6.9	6.8	190
195										6.6	6.4	6.8	7	6.6	6.8	7.1	6.7	6.8	195
200										6.5	6.3	6.8	6.8	6.5	6.7	6.8	6.6	6.7	200
205										6.3	6.2	5.6	6.6	6.4	6.7	6.5	6.4	6.5	205
210										6.2	6.2		6.4	6.3	6.7	6.3	6.2	6.4	210
215										6.1	6.2		6.3	6.2	6.7	6	6.1	6.3	215
220													6.2	6.2	5.2	5.7	5.9	6.1	220
225													6.1	6.1		5.4	5.7	5.6	225
230													5.9	6.1		5	5.4	5.3	230
235																4.5	5	4.5	235
240																4	4.4		240
245																3.6			245

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Lifting capacities Forces de levage

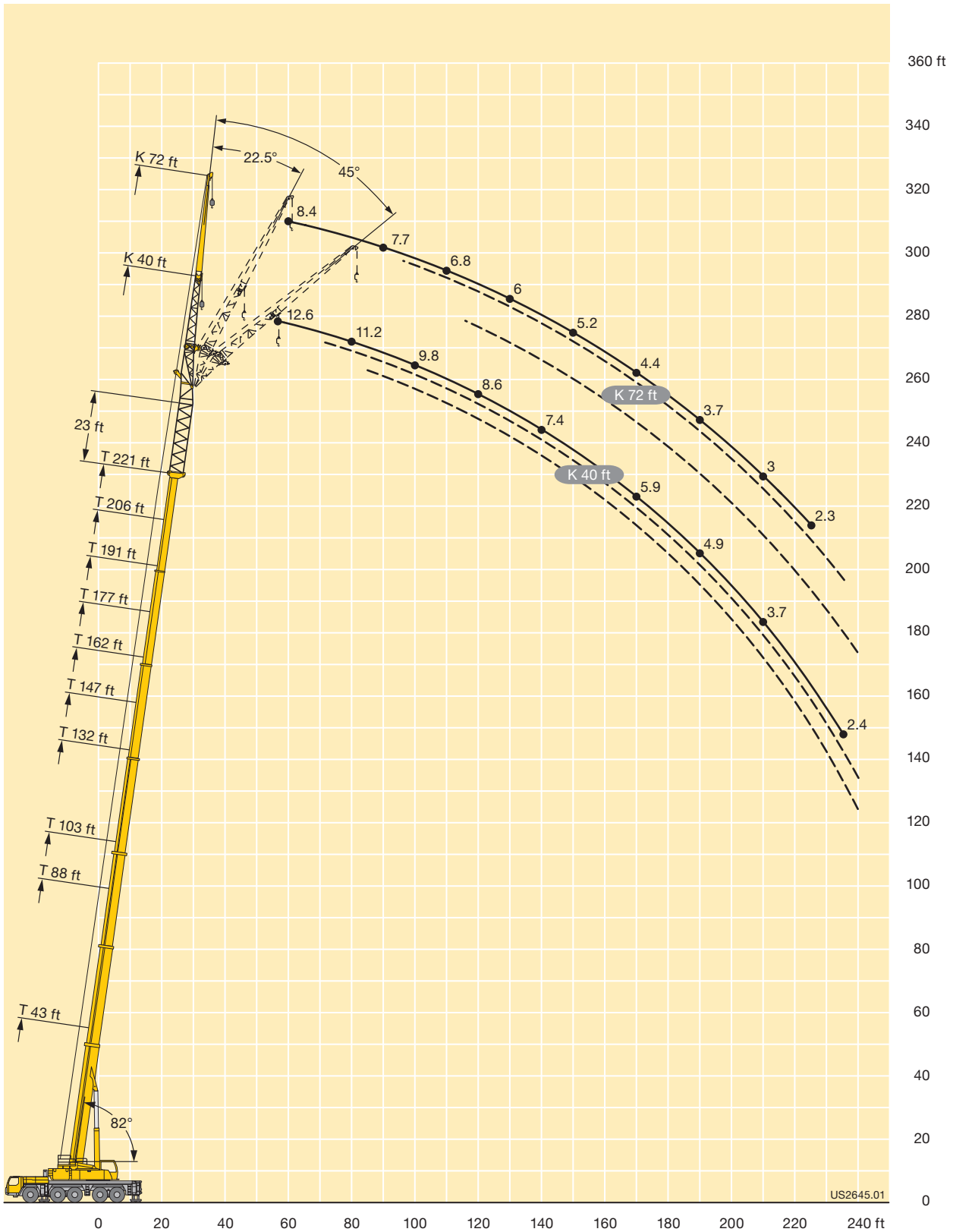


TVK



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			ft
	72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
50	14.5												50
55	14.5			12.6									55
60	14.6			12.5			10.6			8.4			60
65	14.6			12.4			10.4			8.3			65
70	14.3			12.4			10.3			8.2			70
75	14	12.2		12.2			10.1			8.1			75
80	13.7	11.9		12			9.9			8			80
85	13.4	11.6		11.8	10.9		9.7			7.9			85
90	13.1	11.2		11.7	10.6		9.5	9.3		7.7			90
95	12.7	10.9	9.7	11.5	10.3		9.3	9.1		7.5	7.2		95
100	12.3	10.6	9.6	11.3	10		9	8.9		7.3	7		100
105	12	10.3	9.3	11	9.8	9	8.8	8.7		7	6.8		105
110	11.6	10	9.1	10.8	9.5	8.8	8.6	8.5	8	6.8	6.6		110
115	11.3	9.7	8.9	10.4	9.3	8.6	8.4	8.2	7.9	6.6	6.4	6.3	115
120	10.9	9.4	8.7	10	9.1	8.4	8.1	7.9	7.8	6.4	6.2	6.2	120
125	10.5	9.2	8.5	9.7	8.8	8.3	7.9	7.7	7.7	6.2	6	6	125
130	10.2	9	8.3	9.3	8.6	8.1	7.6	7.4	7.5	6	5.8	5.8	130
135	9.9	8.7	8.2	9	8.4	7.9	7.3	7.2	7.3	5.8	5.7	5.7	135
140	9.6	8.5	8	8.6	8.3	7.8	7	7	7	5.6	5.5	5.5	140
145	9.3	8.3	7.8	8.3	8.1	7.7	6.8	6.8	6.8	5.4	5.3	5.3	145
150	9.1	8.1	7.7	8	7.9	7.5	6.5	6.5	6.6	5.2	5.1	5.2	150
155	8.8	8	7.5	7.7	7.7	7.4	6.3	6.3	6.4	5	5	5	155
160	8.5	7.8	7.4	7.3	7.5	7.3	6	6.1	6.2	4.8	4.8	4.9	160
165	8.2	7.6	7.3	7	7.2	7.1	5.8	5.9	6	4.6	4.7	4.8	165
170	7.9	7.5	7.2	6.7	7	7	5.5	5.7	5.8	4.4	4.5	4.6	170
175	7.6	7.3	7.1	6.4	6.8	6.8	5.3	5.5	5.6	4.2	4.4	4.5	175
180	7.3	7.1	7	6.1	6.5	6.6	5.1	5.3	5.5	4.1	4.2	4.4	180
185	6.9	6.9	6.8	5.8	6.2	6.4	4.8	5.1	5.3	3.9	4.1	4.2	185
190	6.6	6.6	6.6	5.4	6	6.2	4.6	4.9	5.1	3.7	3.9	4.1	190
195	6.2	6.4	6.5	5.1	5.8	6	4.3	4.7	4.9	3.5	3.7	3.9	195
200	5.9	6.1	6.3	4.8	5.5	5.7	4.1	4.5	4.7	3.3	3.6	3.8	200
205	5.5	5.8	6.1	4.5	5.1	5.4	3.8	4.2	4.5	3.2	3.4	3.6	205
210	5.2	5.6	5.8	4.2	4.8	5	3.6	4	4.3	3	3.2	3.4	210
215	4.9	5.3	5.5	3.9	4.5	4.7	3.3	3.8	4	2.8	3.1	3.3	215
220	4.6	5	5.1	3.6	4.1	4.4	3	3.5	3.7	2.5	2.9	3.1	220
225	4.3	4.7	4.8	3.3	3.8	4	2.8	3.2	3.5	2.3	2.7	2.9	225
230	4	4.4	4.4	3.1	3.5	3.7	2.5	2.9	3.1		2.5	2.7	230
235	3.7	4	4	2.8	3.2	3.3	2.3	2.7	2.9		2.3	2.4	235
240	3.4	3.7	3.6	2.6	2.9	3		2.4	2.6			2.2	240
245	3.1	3.4	3.2	2.4	2.7	2.7			2.3				245
250	2.7	3.1			2.4	2.3							250
255	2.3	2.6											255

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Lifting capacities Forces de levage



TVK

LICCON2



ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	86 ft			86 ft			86 ft			86 ft			86 ft			86 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
19	22.4																		19
20	22.4																		20
22	22.6																		22
24	22.8																		24
26	22.9																		26
28	22.8			20.1															28
30	22.7			20.2															30
32	22.5			20.3			17.5												32
34	22.3			20.4			17.5												34
36	22.2			20.5			17.6												36
38	22			20.5			17.7			16.1									38
40	21.8			20.4			17.8			16.2									40
45	20.7			20.1			17.7			16.3			15.2						45
50	19.2			19.7			17.1			16.5			15.3			13.8			50
55	17.7	14.8		19.3			16.4			16.1			15.3			13.8			55
60	16.3	14.1		18.6			15.7			15.6			15.2			13.8			60
65	15.3	13.2		17.6	13.9		15.1			15.1			14.7			13.6			65
70	14.1	12.4		16.6	13.3		14.3	11.7		14.5			14.2			13.3			70
75	13	11.6	10.2	15.6	12.7		13.6	11.1		14	11.3		13.7			13			75
80	12.1	10.9	9.9	14.7	12.1		12.8	10.6		13.4	10.8		13.2	10.7		12.6	10.5		80
85	11.3	10.3	9.5	13.9	11.5	9.8	12.1	10.1		12.9	10.4		12.8	10.3		12.2	10.1		85
90	10.5	9.7	9.1	13.3	11	9.6	11.4	9.7	8.6	12.3	10		12.3	10		11.9	9.8		90
95	9.9	9.2	8.7	12.6	10.5	9.3	10.9	9.3	8.3	11.7	9.6	8.4	11.8	9.6		11.5	9.4		95
100	9.3	8.7	8.3	12	10.1	9	10.4	8.9	8	11.1	9.2	8.1	11.3	9.2	8.1	11.1	9.1		100
105	8.8	8.2	7.9	11.3	9.7	8.7	9.9	8.5	7.7	10.6	8.9	7.9	10.8	8.9	7.9	10.7	8.8	7.8	105
110	8.2	7.8	7.5	10.7	9.3	8.4	9.4	8.1	7.5	10.2	8.6	7.7	10.3	8.6	7.6	10.3	8.5	7.6	110
115	7.8	7.4	7.2	10.2	8.9	8.2	9	7.8	7.2	9.8	8.2	7.4	9.9	8.3	7.5	9.9	8.3	7.4	115
120	7.3	7	6.9	9.8	8.6	7.9	8.5	7.5	7	9.4	7.9	7.2	9.5	8	7.2	9.5	8	7.2	120
125	7	6.7	6.7	9.3	8.2	7.7	8.1	7.3	6.7	9.1	7.7	7	9.2	7.8	7	9.1	7.8	7	125
130	6.6	6.4	6.5	8.9	7.9	7.4	7.8	7	6.6	8.7	7.4	6.8	8.9	7.5	6.9	8.8	7.5	6.8	130
135	6.2	6.2	6.4	8.5	7.7	7.2	7.5	6.7	6.4	8.3	7.2	6.6	8.6	7.3	6.7	8.5	7.3	6.7	135
140	6	6		8.1	7.4	7.1	7.2	6.4	6.2	7.9	7	6.4	8.3	7.1	6.5	8.3	7.1	6.5	140
145				7.8	7.1	6.9	6.9	6.2	6	7.6	6.7	6.3	7.9	6.9	6.4	8	6.8	6.3	145
150				7.5	6.9	6.7	6.6	6	5.8	7.4	6.5	6.1	7.6	6.7	6.2	7.8	6.7	6.2	150
155				7.2	6.7	6.6	6.3	5.8	5.6	7.1	6.3	6	7.3	6.5	6.1	7.5	6.5	6.1	155
160				6.9	6.5	6.5	6	5.6	5.5	6.9	6.1	5.8	7.1	6.3	5.9	7.2	6.3	5.9	160
165				6.6	6.3	6.4	5.8	5.4	5.4	6.6	5.9	5.7	6.9	6.1	5.8	7	6.2	5.8	165
170				6.4	6.1	6.4	5.6	5.3	5.3	6.4	5.8	5.6	6.6	5.9	5.6	6.7	6	5.7	170
175				6.2	6	6.4	5.4	5.1	5.2	6.1	5.6	5.5	6.4	5.8	5.5	6.5	5.8	5.6	175
180				6	5.9		5.2	5	5.2	5.9	5.4	5.4	6.2	5.6	5.4	6.4	5.7	5.5	180
185				5.8	5.9		5	4.9	5.2	5.7	5.3	5.3	6	5.5	5.4	6.2	5.5	5.4	185
190							4.8	4.8	5.2	5.6	5.2	5.2	5.8	5.3	5.3	6	5.4	5.3	190
195							4.7	4.7		5.4	5.1	5.2	5.6	5.2	5.2	5.8	5.3	5.2	195
200							4.6	4.7		5.2	5	5.1	5.5	5.1	5.1	5.6	5.2	5.1	200
205										5.1	4.8	5.1	5.3	5	5.1	5.5	5.1	5.1	205
210										4.9	4.7	5.1	5.2	4.9	5.1	5.3	5	5	210
215										4.8	4.7	5.1	5	4.8	5	5	4.8	5	215
220										4.7	4.7		4.9	4.7	5	4.8	4.7	5	220
225										4.5	4.6		4.8	4.6	5	4.6	4.6	5	225
230										4.5			4.7	4.6	5	4.4	4.5	4.9	230
235													4.6	4.6		4.2	4.4	4.5	235
240													4.5	4.6		3.9	4.2	4	240
245													4			3.4	3.9	3.6	245
250																3	3.4		250
255																2.6	2.9		255

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Lifting capacities Forces de levage



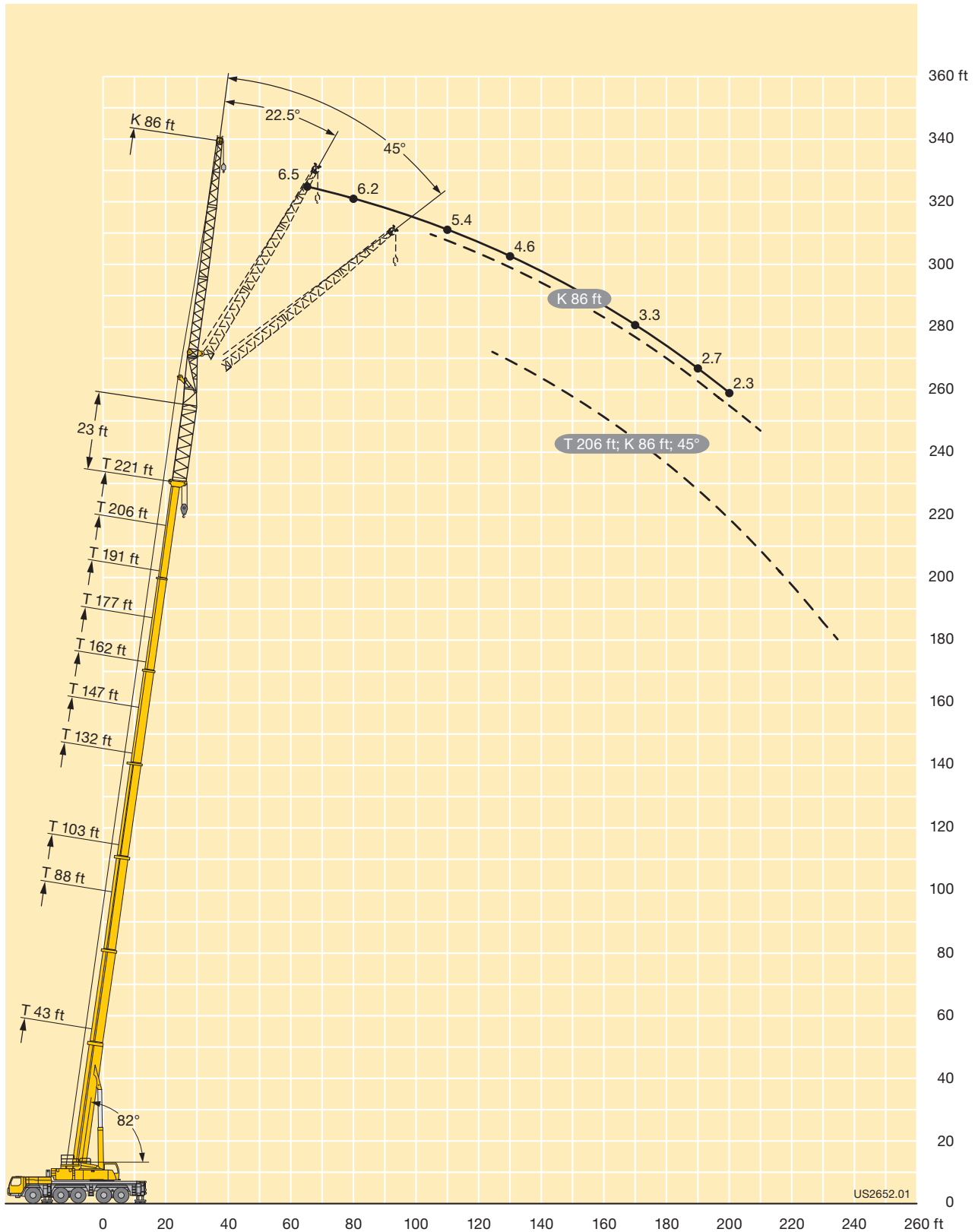
TVK



43 - 221 ft
 23 ft
 86 ft
 K
 360°
 159000 lbs
 85%

ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft		ft
	86 ft			86 ft			86 ft			86 ft		
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	
55	12.2											55
60	12.1			10.4			8.5					60
65	12			10.3			8.4			6.5		65
70	11.9			10.1			8.3			6.4		70
75	11.7			9.9			8.2			6.3		75
80	11.5			9.8			8.1			6.2		80
85	11.2			9.7			8			6.2		85
90	11	9.4		9.6			7.8			6.1		90
95	10.7	9.1		9.5	8.6		7.6			6		95
100	10.5	8.8		9.3	8.4		7.4	7.3		5.8		100
105	10.2	8.6		9.2	8.1		7.2	7.2		5.6	5.4	105
110	9.9	8.3	7.4	9.1	7.9		7	7		5.4	5.2	110
115	9.6	8.1	7.2	8.9	7.7	6.9	6.9	6.8		5.2	5	115
120	9.3	7.8	7	8.6	7.5	6.8	6.7	6.7		5	4.8	120
125	9	7.6	6.9	8.3	7.3	6.7	6.5	6.4	6.1	4.8	4.7	125
130	8.6	7.4	6.7	8	7.1	6.5	6.2	6.2	6	4.6	4.5	130
135	8.3	7.2	6.6	7.7	6.9	6.4	6	6	5.9	4.5	4.4	135
140	8.1	7	6.4	7.5	6.7	6.2	5.8	5.8	5.8	4.3	4.2	140
145	7.8	6.8	6.3	7.2	6.6	6.1	5.6	5.6	5.7	4.1	4	145
150	7.6	6.6	6.1	6.9	6.4	6	5.3	5.4	5.5	4	3.9	150
155	7.4	6.4	6	6.6	6.3	5.9	5.1	5.2	5.4	3.8	3.7	155
160	7.2	6.3	5.9	6.3	6.1	5.8	4.9	5	5.2	3.6	3.6	160
165	7	6.1	5.8	6	6	5.6	4.7	4.8	5	3.5	3.5	165
170	6.7	6	5.6	5.7	5.8	5.5	4.5	4.6	4.9	3.3	3.3	170
175	6.5	5.8	5.6	5.5	5.6	5.4	4.2	4.4	4.7	3.1	3.2	175
180	6.3	5.7	5.5	5.2	5.4	5.3	4	4.2	4.5	3	3.1	180
185	6	5.6	5.4	4.9	5.2	5.2	3.8	4.1	4.3	2.8	3	185
190	5.7	5.4	5.3	4.6	5	5.1	3.6	3.9	4.1	2.7	2.8	190
195	5.4	5.3	5.2	4.3	4.8	4.9	3.4	3.7	4	2.5	2.7	195
200	5.1	5.1	5.1	4.1	4.6	4.8	3.2	3.5	3.8	2.3	2.6	200
205	4.8	4.9	4.9	3.8	4.4	4.7	3	3.3	3.6		2.4	205
210	4.4	4.6	4.8	3.5	4.1	4.5	2.7	3.2	3.4		2.3	210
215	4.1	4.4	4.7	3.2	3.8	4.2	2.5	3	3.3			215
220	3.8	4.2	4.6	2.9	3.5	3.9	2.3	2.8	3.1			220
225	3.5	4	4.3	2.7	3.2	3.5		2.5	2.8			225
230	3.3	3.7	3.9	2.4	2.9	3.2		2.3	2.6			230
235	3	3.4	3.6		2.6	2.9			2.3			235
240	2.8	3.2	3.2		2.3	2.6						240
245	2.5	2.9	2.9			2.2						245
250	2.2	2.6	2.4									250
255		2.3										255

t_210_85011_01_000 / 55211_01_000 / 85411_01_000



Lifting capacities Forces de levage



TVK



43 - 221 ft
 23 ft
 95 ft
 K
 360°
 159000 lbs
 85%

ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
20	16.6																		20
22	17.1																		22
24	17.2																		24
26	17.3																		26
28	17.3			15.7															28
30	17.3			15.7															30
32	17.3			15.8			14.1												32
34	17.3			15.8			14.2												34
36	17.3			15.9			14.2												36
38	17.3			16			14.3												38
40	17.3			15.9			14.3			13.3									40
45	17.1			15.9			14.4			13.4			12.6						45
50	16.4			15.8			14.2			13.5			12.7			11.8			50
55	15.7			15.8			14			13.5			12.8			11.8			55
60	14.9	12.4		15.6			13.8			13.3			12.8			11.9			60
65	14	11.9		15.1			13.7			13.1			12.6			11.9			65
70	13.2	11.4		14.6	11.8		13.2			12.9			12.4			11.7			70
75	12.3	10.9		14	11.4		12.7	10.5		12.7			12.1			11.5			75
80	11.4	10.4		13.4	11		12	10		12.4	10.1		11.9			11.3			80
85	10.7	9.8	8.5	12.9	10.7		11.4	9.6		12	9.7		11.7	9.7		11.1	9.4		85
90	10.1	9.3	8.3	12.3	10.3		10.8	9.2		11.5	9.3		11.3	9.3		10.8	9.1		90
95	9.5	8.8	8	11.8	9.9	8.2	10.2	8.8		11	9		10.9	9		10.6	8.8		95
100	8.9	8.4	7.8	11.2	9.5	8.1	9.8	8.4	7.6	10.5	8.7		10.5	8.7		10.3	8.5		100
105	8.4	7.9	7.6	10.7	9.1	7.9	9.4	8.1	7.3	10	8.3	7.4	10.1	8.4		9.9	8.3		105
110	8	7.5	7.3	10.2	8.7	7.8	9	7.8	7.1	9.6	8	7.2	9.7	8.1	7.2	9.6	8	7.1	110
115	7.5	7.2	7	9.7	8.4	7.6	8.6	7.4	6.8	9.2	7.8	7	9.3	7.8	7	9.3	7.8	6.9	115
120	7.1	6.8	6.7	9.2	8.1	7.4	8.2	7.2	6.6	8.9	7.5	6.8	9	7.6	6.8	8.9	7.5	6.7	120
125	6.7	6.5	6.4	8.8	7.8	7.2	7.7	6.9	6.4	8.6	7.3	6.6	8.6	7.3	6.6	8.6	7.3	6.5	125
130	6.4	6.2	6.2	8.5	7.5	7	7.4	6.6	6.2	8.2	7	6.4	8.4	7.1	6.4	8.3	7.1	6.4	130
135	6.1	5.9	6	8.1	7.2	6.8	7.1	6.4	6	7.9	6.8	6.2	8.1	6.9	6.3	8	6.9	6.2	135
140	5.8	5.7	5.9	7.7	7	6.6	6.8	6.1	5.8	7.6	6.6	6	7.8	6.6	6.1	7.8	6.6	6.1	140
145	5.5	5.5		7.4	6.8	6.4	6.6	5.9	5.6	7.2	6.4	5.9	7.5	6.4	5.9	7.5	6.5	5.9	145
150	5.3	5.4		7.1	6.5	6.3	6.3	5.7	5.5	7	6.2	5.8	7.2	6.3	5.8	7.3	6.3	5.8	150
155				6.8	6.3	6.1	6	5.5	5.3	6.7	6	5.6	7	6.1	5.6	7.1	6.1	5.7	155
160				6.6	6.1	6	5.7	5.3	5.2	6.5	5.8	5.5	6.7	5.9	5.5	6.8	5.9	5.5	160
165				6.3	6	5.9	5.5	5.2	5.1	6.3	5.6	5.3	6.5	5.7	5.4	6.6	5.8	5.4	165
170				6.1	5.8	5.8	5.4	5	4.9	6.1	5.4	5.2	6.3	5.6	5.3	6.4	5.6	5.3	170
175				5.9	5.6	5.8	5.2	4.8	4.9	5.9	5.3	5.1	6.1	5.4	5.2	6.2	5.5	5.2	175
180				5.7	5.5	5.8	5	4.7	4.7	5.6	5.1	5	5.9	5.3	5	6	5.3	5.1	180
185				5.5	5.4	5.8	4.8	4.6	4.7	5.4	5	4.9	5.7	5.1	5	5.8	5.2	5	185
190				5.3	5.3		4.6	4.4	4.7	5.3	4.9	4.8	5.5	5	4.9	5.6	5.1	4.9	190
195				5.2	5.2		4.5	4.3	4.7	5.1	4.7	4.7	5.3	4.9	4.8	5.5	5	4.8	195
200							4.3	4.3		5	4.6	4.7	5.1	4.8	4.7	5.3	4.8	4.8	200
205							4.2	4.2		4.8	4.5	4.6	5	4.6	4.7	5.2	4.8	4.7	205
210							4.1			4.7	4.4	4.6	4.9	4.5	4.6	5	4.7	4.6	210
215										4.5	4.3	4.6	4.8	4.5	4.6	4.8	4.6	4.6	215
220										4.4	4.3	4.6	4.6	4.4	4.6	4.7	4.5	4.5	220
225										4.3	4.2	4.6	4.5	4.3	4.5	4.5	4.4	4.5	225
230										4.2	4.2		4.4	4.2	4.5	4.3	4.3	4.5	230
235										4.1	4.2		4.3	4.2	4.5	4.1	4.2	4.5	235
240										4.1			4.2	4.2	4.5	3.9	4.1	4.3	240
245													4.1	4.1		3.7	4	4	245
250													4	4.1		3.4	3.8	3.7	250
255													2.6			3	3.5	3	255
260																2.6	3.1		260
265																2.2	2.5		265

t_210_86011_01_000 / 56211_01_000 / 86411_01_000

Lifting capacities Forces de levage

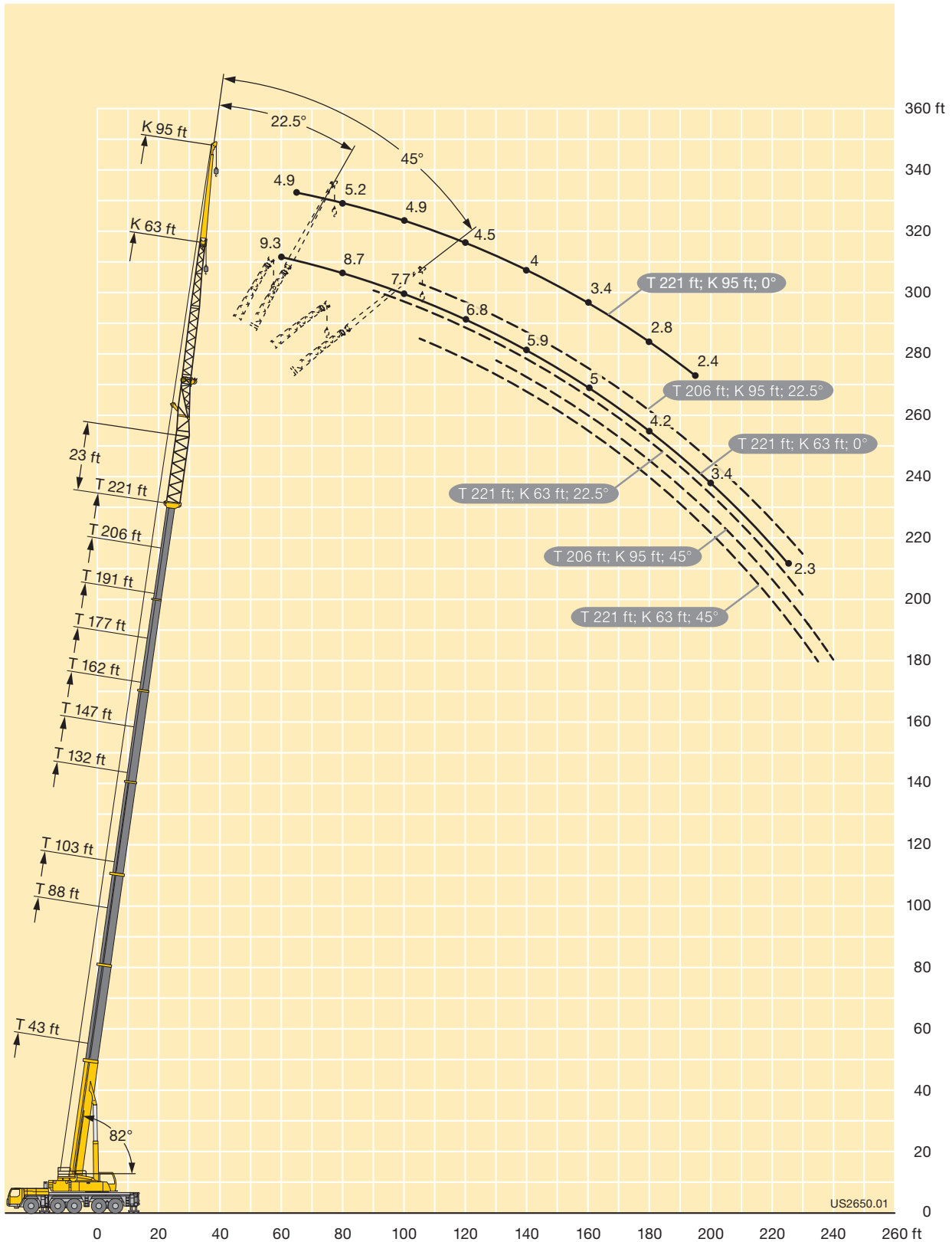


TVK



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 + 23 ft	ft
	95 ft			95 ft			95 ft			95 ft	
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	
55	10.6										55
60	10.6			9.3							60
65	10.5			9.2			7.5			4.9	65
70	10.5			9			7.4			5	70
75	10.4			8.9			7.3			5.1	75
80	10.3			8.8			7.3			5.2	80
85	10.1			8.7			7.2			5.2	85
90	10			8.7			7.1			5.1	90
95	9.8	8.5		8.6			6.9			5	95
100	9.6	8.3		8.5	7.8		6.8			4.9	100
105	9.4	8		8.4	7.6		6.7	6.6		4.8	105
110	9.2	7.7		8.4	7.4		6.5	6.5		4.7	110
115	9	7.5		8.3	7.2		6.4	6.4		4.6	115
120	8.7	7.3	6.6	8.1	7		6.2	6.3		4.5	120
125	8.4	7.1	6.4	7.8	6.8	6.2	6.1	6.1		4.4	125
130	8.1	6.9	6.3	7.6	6.6	6	5.9	5.9	5.4	4.3	130
135	7.9	6.7	6.1	7.4	6.5	5.9	5.7	5.7	5.3	4.2	135
140	7.6	6.6	6	7.1	6.3	5.8	5.5	5.5	5.2	4	140
145	7.4	6.4	5.8	6.8	6.1	5.7	5.3	5.3	5.2	3.9	145
150	7.2	6.2	5.7	6.6	6	5.6	5.1	5.2	5.1	3.7	150
155	7	6	5.6	6.3	5.8	5.4	4.9	5	5	3.6	155
160	6.8	5.9	5.5	6.1	5.7	5.3	4.7	4.8	4.9	3.4	160
165	6.6	5.7	5.4	5.8	5.6	5.2	4.5	4.6	4.8	3.3	165
170	6.4	5.6	5.2	5.6	5.4	5.1	4.3	4.4	4.7	3.1	170
175	6.2	5.4	5.1	5.3	5.3	5.1	4.1	4.3	4.5	3	175
180	6	5.3	5	5.1	5.1	5	3.9	4.1	4.4	2.8	180
185	5.8	5.2	5	4.8	4.9	4.9	3.7	3.9	4.2	2.7	185
190	5.6	5.1	4.9	4.6	4.8	4.8	3.5	3.8	4.1	2.5	190
195	5.3	4.9	4.8	4.3	4.6	4.7	3.3	3.6	3.9	2.4	195
200	5	4.8	4.7	4	4.4	4.6	3.1	3.4	3.7		200
205	4.8	4.7	4.6	3.8	4.2	4.5	2.9	3.3	3.6		205
210	4.5	4.5	4.6	3.5	4.1	4.4	2.8	3.1	3.4		210
215	4.2	4.3	4.5	3.3	3.9	4.3	2.6	2.9	3.2		215
220	3.9	4.1	4.4	3	3.7	4.1	2.3	2.8	3.1		220
225	3.6	4	4.3	2.8	3.4	3.8		2.6	2.9		225
230	3.3	3.8	4.2	2.5	3.1	3.5		2.4	2.7		230
235	3.1	3.6	3.9	2.2	2.9	3.1			2.5		235
240	2.9	3.4	3.5		2.6	2.8			2.2		240
245	2.6	3.1	3.2		2.3	2.5					245
250	2.4	2.8	2.8			2.2					250
255		2.5	2.5								255
260		2.2									260

t_210_86011_01_000 / 56211_01_000 / 86411_01_000



Lifting capacities Forces de levage



TNZK

LICCON2



ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
10	142.4	111.3																	10
11	140.1	109.1																	11
12	137.8	107																	12
13	135.4	105.1																	13
14	132.7	103.3	87.2																14
15	129.9	101.5	86	141.5															15
16	127	99.7	84.7	139.7															16
17	124.2	97.9	83.3	137.8															17
18	121.4	96.1	81.9	136			95.3												18
19	118.5	94.1	80.5	134.1	102.5		93.5												19
20	115.7	92.2	79.1	132.3	101		91.7												20
22	110.4	88.2	76.7	128.8	98		88.1												22
24	105.2	84.4	74.4	125.5	95.2	77.7	84.8	70.5											24
26	100	81.4	72.2	122.2	92.6	76.2	81.7	68	59.8	82.5									26
28	94.7	78.4	70.4	119	90.2	74.8	78.6	65.7	58.1	80.3			73.6						28
30	90	75.5	68.7	115.4	88	73.5	75.5	63.7	56.5	78.1	65.9		72.6						30
32	85.9	72.7	67.1	111.2	85.8	72.2	72.5	61.8	55.1	76	64.2	50.7	71.5			58.8			32
34	81.9	70.3	65.5	107	83.8	71	69.7	59.9	53.7	74	62.5	50.7	70.4	61.5		57.8			34
36	78.3	68.2	64.4	102.7	82	69.9	67.5	57.9	52.4	72	60.9	50.7	69.2	60.1	50.7	56.7			36
38	74.5	66.2	63.4	98.5	80.3	69	65.4	56.3	51	70	59.5	50.5	67.8	58.7	50.7	55.6	55.5		38
40	71.7	64.1	62.4	94.9	78.6	68	63.3	54.8	49.8	68.1	58.1	50.1	65.8	57.4	50.7	54.5	54.2		40
45	64.9	60.4	52.1	86.7	74.7	65.6	58.2	51.3	47.2	63.3	54.8	49.1	61	54.6	50	51.4	50.9	48.5	45
50	59.5	58.1	10.3	79.2	71.3	63.9	54.1	48	44.7	59.6	51.8	47.9	56.1	52	48.1	48.1	47.7	46.7	50
55				72.8	68	62.2	50.7	45.5	42.7	56.1	49.4	46.2	52.1	49.3	46.2	44.8	44.5	44	55
60				67.3	64.5	60.2	47.4	43.1	40.8	52.6	46.9	44.4	48.4	46.6	44.3	41.8	41.3	41.2	60
65				62.1	60.9	57.3	44.1	40.7	39	49.9	44.6	42.6	44.7	43.8	42.4	39.1	38.7	38.6	65
70				58	57.3	54.4	41.9	38.8	37.5	47.7	43	41.1	41.4	41	40.5	36.5	36.3	36.3	70
75				54.2	53.8	51.6	39.7	37.2	36.2	45.4	41.3	39.8	38.8	38.5	38.6	34	34	34.1	75
80				50.6	50.4	46.7	37.6	35.6	35	43.2	39.7	38.5	36.5	36.3	36.5	31.6	31.7	31.9	80
85				47.7	47.6	21.3	35.8	34.1	33.9	41.1	38	37.2	34.1	34.1	34.4	29.9	29.8	29.9	85
90				44.9	43.9	12.4	34.4	33.1	33.2	39.4	36.8	36.2	31.8	31.9	32.2	28.1	28.1	28.3	90
95				34.7			32.9	32.1	26.2	38	35.7	35.3	29.6	29.8	30.1	26.4	26.4	26.6	95
100							31.7	31.3	17.5	36.5	34.6	34.5	27.9	28	28.2	24.6	24.7	25	100
105							30.8	30.8	11.1	34.6	33.5	33.6	26.3	26.4	26.6	22.9	23.1	23.3	105
110							30.3			32.1	32.4	32.7	24.7	24.7	25	21.6	21.6	21.9	110
115										29.7	30.2	30.4	23	23.1	23.4	20.4	20.4	20.7	115
120										27.4	27.8	24.7	21.6	21.7	21.9	19.1	19.3	19.5	120
125										25.4	25.7	18.6	20.5	20.6	20.8	17.9	18.1	18.3	125
130										23.5	23.8	13	19.3	19.4	19.6	16.8	16.9	17.1	130
135										21.8	22		18.2	18.3	18.5	15.9	16	16.2	135
140										17.4			17.2	17.3	16.3	15.1	15.2	15.4	140
145													16.5	16.5	12	14.3	14.4	14.5	145
150													15.7	15.7		13.5	13.6	13.7	150
155													12.1			12.8	12.9	13	155
160																12.2	12.3	11.3	160
165																11.6	11.6		165
170																9			170

t_210_71011_01_000

Lifting capacities Forces de levage



TNZK



43 - 236 ft
18 ft
360°
159000 lbs
85%

ft	177 ft			191 ft			206 ft			221 ft			236 ft			ft
	18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
36	46.2															36
38	45.5															38
40	44.8			36.8												40
45	43.1	42.3	42.3	35.5	35.2		29.4			22						45
50	41	40.1	39.9	34.2	33.6	33.3	28.4	28.1		21.5			17.6			50
55	38.7	38	37.6	32.8	32.1	31.8	27.4	26.8	26.7	20.9	20.6	20.4	17.1	17.1		55
60	36.4	35.9	35.6	31.2	30.6	30.2	26.2	25.5	25.4	20.3	19.8	19.7	16.7	16.6	16.5	60
65	34.3	33.8	33.7	29.6	29.2	28.8	25	24.3	24.1	19.6	19.1	18.9	16.2	16.1	16	65
70	32.3	31.9	31.8	28.1	27.8	27.3	23.7	23.2	23	18.8	18.4	18.2	15.7	15.6	15.5	70
75	30.5	30	30	26.6	26.4	25.9	22.5	22.1	22	18	17.7	17.6	15.2	15	15	75
80	28.6	28.3	28.3	25.1	25	24.5	21.3	21	20.9	17.3	17.1	16.9	14.6	14.5	14.5	80
85	26.8	26.5	26.6	23.7	23.6	23.3	20.3	20	19.9	16.5	16.4	16.3	14.1	14	14	85
90	25.2	24.7	24.9	22.3	22.3	22.1	19.4	19.1	19.1	16	15.8	15.7	13.6	13.5	13.5	90
95	23.8	23.4	23.5	20.9	21	20.9	18.4	18.3	18.2	15.4	15.2	15.2	13	13	13	95
100	22.4	22.1	22.2	19.8	19.8	19.7	17.5	17.4	17.4	14.8	14.7	14.7	12.3	12.4	12.5	100
105	20.9	20.8	21	18.8	18.8	18.8	16.6	16.5	16.6	14.2	14.2	14.2	11.7	11.8	11.9	105
110	19.5	19.6	19.7	17.8	17.8	17.8	15.8	15.8	15.8	13.7	13.6	13.6	11.1	11.2	11.3	110
115	18.2	18.3	18.4	16.8	16.8	16.9	15.1	15.1	15.2	13.2	13.1	13.1	10.4	10.6	10.7	115
120	17.1	17.2	17.3	15.8	15.9	16	14.4	14.4	14.5	12.7	12.6	12.6	9.8	10	10.2	120
125	16.3	16.3	16.4	14.8	14.9	15	13.7	13.7	13.9	12.2	12.2	12.2	9.2	9.4	9.6	125
130	15.4	15.5	15.6	13.9	14.1	14.2	13.1	13.1	13.2	11.8	11.7	11.8	8.7	8.8	9	130
135	14.6	14.7	14.7	13.3	13.4	13.5	12.4	12.4	12.5	11.3	11.3	11.3	8.1	8.3	8.5	135
140	13.8	13.8	13.9	12.6	12.7	12.8	11.7	11.8	11.9	10.9	10.9	10.9	7.6	7.8	7.9	140
145	13	13	13.1	12	12	12.1	11.2	11.2	11.3	10.4	10.5	10.5	7	7.2	7.4	145
150	12.4	12.4	12.5	11.3	11.4	11.5	10.6	10.7	10.8	10	10	10.1	6.5	6.7	6.8	150
155	11.7	11.8	11.8	10.7	10.8	10.8	10.1	10.1	10.2	9.5	9.6	9.6	6	6.1	6.3	155
160	11.1	11.1	11.1	10.1	10.2	10.2	9.5	9.6	9.7	9.1	9.2	9.2	5.5	5.6	5.7	160
165	10.4	10.5	10.5	9.6	9.7	9.7	9	9.1	9.1	8.7	8.8	8.8	5	5.2	5.2	165
170	9.9	9.9	9.9	9.1	9.2	9.2	8.5	8.6	8.6	8.3	8.3	8.4	4.6	4.7	4.8	170
175	9.4	9.4	9.4	8.6	8.7	8.7	8.1	8.1	8.2	7.9	7.9	7.9	4.2	4.3	4.4	175
180	8.7	8.8		8.1	8.2	8.2	7.7	7.7	7.7	7.4	7.5	7.5	3.8	3.9	4	180
185	7.1			7.7	7.8	7.7	7.3	7.3	7.3	7	7.1	7.1	3.4	3.5	3.5	185
190				7.3	7.3		6.9	6.9	6.9	6.7	6.8	6.8	3	3.1	3.1	190
195				6.7			6.5	6.5	6.5	6.4	6.4	6.4		2.7	2.7	195
200				5.7			6.2	6.2	6.2	6	6.1	6.1				200
205							6	6		5.7	5.7	5.7				205
210							5.8			5.4	5.4	5.4				210
215							3.8			5	5.1	5				215
220										4.8	4.8					220
225										4.3						225

t_210_71011_01_000

Lifting capacities Forces de levage



TNZK



ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
10	50.7																		10
11	50.7																		11
12	50.7																		12
13	50.7																		13
14	50.7			50.7															14
15	50.7			50.7															15
16	50.7			50.7															16
17	50.6			50.7															17
18	50.6			50.7			50.7												18
19	50.4			50.7			50.7												19
20	50.3	37.8		50.7			50.7												20
22	50.1	36		50.7			50.7												22
24	49.8	34.5		50.7			50.7			50.7									24
26	49.6	33.2		50.7			50.4			50.7									26
28	48.1	31.8		50.7			50			50.7									28
30	46.1	30.6		50.7	34.6		49.6			50.7			47.9						30
32	43.8	29.5	24.7	50.6	33.6		49.2			50.6			47.9						32
34	41.5	28.6	24.1	49.8	32.7		48.8	32.7		50.3			47.8			42			34
36	39.2	27.7	23.6	48.8	32		48.4	31.8		49.4			47.7			41.9			36
38	36.9	26.7	23	47.9	31.2		48	31.1		48.6			47.6			41.9			38
40	34.8	25.9	22.5	46.9	30.5	24.2	47.1	30.5		47.7	31.5		47.1			41.8			40
45	31.3	24	21.5	44.5	28.7	23.3	43.7	29	23.1	45.5	30.1		44.9	29.9		41.5			45
50	28.1	22.1	20.6	41.8	27.1	22.5	40.2	27.6	22.4	43.2	28.8	22.8	42.6	28.8		39.9	28.3		50
55	25.4	20.8	19.9	38.8	25.6	21.8	36.8	26.4	21.8	40.8	27.6	22.3	40.4	27.7	22.3	38.2	27.3		55
60	23.1	19.6	19.6	35.8	24.4	21.2	34.6	25.3	21.3	38.4	26.6	21.8	38.3	26.7	21.8	36.4	26.5	21.7	60
65	20.9	18.8	19.5	32.8	23.3	20.7	32.6	24.3	20.8	36	25.7	21.3	36.5	25.9	21.4	34.6	25.7	21.2	65
70	19.3	18.1	10.2	30.4	22.3	20.3	30.6	23.3	20.4	33.8	24.8	20.9	34.6	25	21	32.9	24.9	20.9	70
75	17.9	14.9		28.5	21.3	19.9	28.6	22.3	20.1	32.1	24	20.6	32.8	24.2	20.6	31.1	24.2	20.6	75
80				26.7	20.6	19.7	26.9	21.4	19.8	30.6	23.2	20.2	31	23.4	20.3	29.4	23.5	20.2	80
85				24.8	19.9	19.5	25.5	20.7	19.5	29.1	22.5	19.9	29.7	22.6	20	27.6	22.8	20	85
90				23.4	19.2	19.4	24.1	20.1	19.3	27.6	21.7	19.8	28.3	21.9	19.8	26	22.1	19.8	90
95				22.2	18.8	19.4	22.7	19.5	19.1	26.1	21	19.6	27	21.3	19.6	24.6	21.4	19.6	95
100				21	18.3	19.4	21.5	19	18.8	24.9	20.4	19.4	25.7	20.8	19.4	23.3	20.7	19.4	100
105				19.9	17.9	16.2	20.6	18.5	18.6	23.9	19.9	19.2	24.4	20.3	19.3	21.9	20.1	19	105
110				19	17.9	8.3	19.7	18	18.3	23	19.5	19	23.2	19.8	19.2	20.6	19.5	18.6	110
115				18.2	17.9		18.8	17.6	18	22	19	18.7	22	19.4	19	19.2	18.8	18.2	115
120							18	17.1	11.1	21	18.6	18.5	20.9	19.1	18.8	18.1	18.1	17.7	120
125							17.4	16.7	6.7	20.2	18.2	18.2	19.7	18.7	18.5	17.1	17.3	17.3	125
130							16.8			19.6	17.8	18	18.6	18.3	18.2	16.3	16.4	16.7	130
135										18.9	17.5	17.9	17.5	17.6	17.9	15.6	15.7	16	135
140										18.3	17.1	17.7	16.7	16.9	17.3	14.8	15	15.3	140
145										17.7	16.9	11.2	16	16.2	16.5	14	14.2	14.5	145
150										17.2	16.6	7.8	15.2	15.4	15.7	13.3	13.5	13.8	150
155										16.8	16.5	5.3	14.5	14.7	12.7	12.6	12.9	13.1	155
160										16.4	6.6		13.8	14	9.7	12.1	12.3	12.5	160
165													13.3	13.5	6.8	11.5	11.7	11.9	165
170													12.7	12.8	4.9	10.9	11	11.2	170
175													11.9	10.2		10.3	10.5	8.5	175
180																9.9	10	6.2	180
185																9.4	9.5		185
190																8.6	7		190

t_210_72011_01_000

Lifting capacities Forces de levage



TNZK

LICCON2



ft	177 ft			191 ft			206 ft			221 ft			ft
	40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
38	35.4												38
40	35.2			21.2									40
45	34.6			28.5			21.6						45
50	33.9			27.9			21.3			17.2			50
55	32.7	25.5		27.3	17.6		20.9			16.8			55
60	31.3	25.5		26.3	23.8		20.6	19.2		16.5			60
65	29.8	25.3	21	25.1	22.8		19.8	18.5		16.1	15.3		65
70	28.4	24.7	20.6	23.9	21.8	20.1	19	17.8	14.6	15.6	14.8		70
75	27	24.1	20.3	22.7	20.9	19.9	18.2	17.1	16.6	15.1	14.4	13.8	75
80	25.5	23.5	20.1	21.6	20	19.5	17.4	16.6	16	14.6	13.9	13.5	80
85	24.1	22.8	19.8	20.6	19.1	18.8	16.6	16	15.5	14.1	13.5	13.1	85
90	22.7	21.9	19.5	19.6	18.3	18	16	15.5	15.1	13.6	13.1	12.7	90
95	21.4	20.9	19.1	18.6	17.6	17.3	15.4	14.9	14.6	13.2	12.7	12.4	95
100	20.2	19.8	18.7	17.6	16.9	16.6	14.9	14.4	14.2	12.7	12.2	12.1	100
105	19.2	18.8	18.3	16.7	16.3	16.1	14.3	13.9	13.7	12.3	11.9	11.7	105
110	18.2	18	17.8	15.9	15.6	15.5	13.7	13.5	13.3	11.9	11.5	11.3	110
115	17.2	17.2	17.2	15.2	15	15	13.2	13	12.9	11.5	11.2	11	115
120	16.3	16.4	16.5	14.5	14.4	14.5	12.7	12.5	12.5	11.1	10.8	10.7	120
125	15.3	15.6	15.8	13.9	13.8	13.9	12.2	12	12.1	10.7	10.5	10.4	125
130	14.4	14.8	15	13.2	13.3	13.4	11.8	11.6	11.7	10.3	10.2	10.1	130
135	13.7	14	14.3	12.5	12.7	12.9	11.3	11.2	11.3	10	9.8	9.8	135
140	13.1	13.4	13.6	11.9	12.1	12.3	10.9	10.8	10.9	9.6	9.5	9.5	140
145	12.5	12.8	13	11.3	11.6	11.8	10.4	10.4	10.5	9.3	9.2	9.3	145
150	11.8	12.2	12.4	10.7	11	11.3	9.9	10	10.2	9	9	9	150
155	11.2	11.6	11.8	10.2	10.6	10.8	9.5	9.6	9.8	8.6	8.6	8.7	155
160	10.6	11	11.2	9.7	10.1	10.3	9.1	9.2	9.4	8.3	8.4	8.4	160
165	10.1	10.4	10.6	9.2	9.6	9.8	8.6	8.8	9	8	8.1	8.1	165
170	9.6	9.9	10.1	8.7	9.1	9.2	8.2	8.4	8.6	7.6	7.7	7.8	170
175	9.2	9.5	9.6	8.2	8.6	8.7	7.8	8	8.2	7.3	7.4	7.5	175
180	8.7	9	9.1	7.8	8.1	8.3	7.4	7.6	7.8	6.9	7.1	7.2	180
185	8.2	8.6	8.6	7.5	7.7	7.9	7	7.2	7.4	6.6	6.8	6.9	185
190	7.8	8.1	7.5	7.1	7.3	7.4	6.6	6.8	7	6.3	6.5	6.6	190
195	7.5	7.7	5.8	6.7	7	7	6.3	6.5	6.6	5.9	6.1	6.3	195
200	6.9	7.2		6.4	6.6	6.6	5.9	6.1	6.2	5.6	5.8	6	200
205	6.2	6.5		6	6.2	6.2	5.6	5.8	5.9	5.3	5.5	5.6	205
210				5.6	5.9	5.5	5.3	5.5	5.5	5	5.2	5.3	210
215				5.1	5.4		4.9	5.1	5.1	4.7	4.9	4.9	215
220				4.5			4.7	4.8	4.8	4.4	4.6	4.6	220
225							4.5	4.6	4.6	4.1	4.3	4.2	225
230							4.3	4.4		3.8	4	3.9	230
235							4.2			3.6	3.7	3.6	235
240										3.3	3.4	3.3	240
245										3	3.1		245
250										2.4			250

t_210_72011_01_000

Lifting capacities Forces de levage



TNZK



43 - 221 ft
63 ft
360°
159000 lbs
85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	63 ft			63 ft			63 ft			63 ft			63 ft			63 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
11	45.4																		11
12	45.8																		12
13	46.1																		13
14	46.5																		14
15	46.7																		15
16	46.8																		16
17	46.4																		17
18	45.9																		18
19	45.4			40															19
20	44.9			40.2															20
22	44			40.5															22
24	43			40.8			34.7												24
26	41.9			41.2			34.9												26
28	40.6			40.8			35.1												28
30	39.1			40.2			35.3			31.7									30
32	37.7			39.6			35.3			31.8									32
34	36.1	26.9		39.1			34.8			32			29.3						34
36	34.5	26.1		38.5			34.2			32.1			29.4			25.1			36
38	32.8	25.4		37.9			33.5			32.3			29.5			25.1			38
40	31.2	24.6		37.3			32.9			32.2			29.7			25.2			40
45	27.6	22.9		35.4	25.5		31.4			31.2			29.7			25.4			45
50	24.7	21.4		33.3	25.4		29.6	22.2		30.1			29			25.4			50
55	22.1	20	17.8	31.2	24.3		27.7	21		29	21.6		28.1			25.1			55
60	20	18.9	17.1	29.2	22.9	17.8	25.8	20		27.8	20.6		27.2	20.5		24.7			60
65	18.1	17.9	16.5	27.3	21.9	17.3	23.8	19	15.7	26.3	19.7		26.3	19.7		24.3	19.3		65
70	16.6	16.9	16	25.4	20.9	16.9	22.4	18.1	15.2	24.8	18.9	15.5	25.1	18.9		23.9	18.6		70
75	15.2	16.2	15.6	23.5	20.1	16.5	21.2	17.4	14.8	23.4	18.1	15.1	23.9	18.2	15	23.3	17.9		75
80	14	15.5	15.2	21.6	19.3	16.2	20	16.6	14.3	22	17.5	14.7	22.6	17.5	14.7	22.5	17.4	14.6	80
85	13.1	14.8	14.9	20.1	18.5	15.9	18.8	15.9	14	20.8	16.9	14.3	21.4	16.9	14.4	21.5	16.8	14.3	85
90	12.2	14.3	14.8	19.1	17.8	15.7	17.6	15.4	13.6	19.9	16.3	14	20.1	16.4	14.1	20.6	16.3	14	90
95	11.7	14.1		18	17.2	15.4	16.6	14.8	13.3	19.1	15.7	13.7	19.4	15.9	13.8	19.7	15.8	13.7	95
100				16.9	16.6	15.2	16	14.3	13.1	18.2	15.2	13.4	18.7	15.5	13.5	18.9	15.4	13.5	100
105				15.9	16.1	15	15.3	13.8	12.8	17.3	14.8	13.2	17.9	15	13.3	18.2	15	13.2	105
110				15.2	15.6	14.8	14.6	13.4	12.5	16.4	14.4	13	17.2	14.6	13	17.5	14.6	13	110
115				14.3	15.1	14.8	13.9	13	12.3	15.7	14	12.8	16.5	14.2	12.8	16.9	14.2	12.8	115
120				13.6	14.7	14.8	13.4	12.5	12.1	15.2	13.5	12.6	15.8	13.9	12.6	16.2	13.9	12.6	120
125				12.9	14.4	14.8	13	12.2	11.9	14.7	13.2	12.4	15.2	13.5	12.5	15.6	13.6	12.5	125
130				12.3	14.1	10.7	12.5	11.9	11.8	14.2	12.9	12.2	14.7	13.1	12.3	14.9	13.3	12.3	130
135				11.8	14.1		12	11.6	11.7	13.7	12.6	12	14.3	12.8	12.1	14.3	13	12.1	135
140				11.6	13		11.6	11.3	11.7	13.2	12.2	11.9	13.9	12.6	12	13.7	12.7	12	140
145							11.3	11.2	8.2	12.8	11.9	11.7	13.4	12.3	11.8	13.2	12.4	11.8	145
150							11	11		12.5	11.7	11.7	13	12	11.7	12.6	12	11.7	150
155							10.8	11		12.1	11.5	11.6	12.6	11.8	11.6	12	11.7	11.5	155
160										11.8	11.3	11.6	12.3	11.5	11.5	11.5	11.4	11.4	160
165										11.5	11.1	11.6	11.9	11.4	11.5	10.9	11	11.2	165
170										11.2	11	9.1	11.6	11.2	11.5	10.4	10.7	10.9	170
175										11	11	5.6	11.2	11.1	11.5	10	10.3	10.5	175
180										10.8	11		10.9	10.9	11.1	9.5	9.8	10	180
185										10.5			10.5	10.6	7.8	9.1	9.4	9.5	185
190													10.1	10.3	5.1	8.6	8.9	9	190
195													9.5	9.9		8.2	8.4	8.5	195
200													7.2			7.8	8	6.8	200
205																7.4	7.6	4.7	205
210																6.7	7		210
215																4.9			215

t_210_73011_01_000

Lifting capacities Forces de levage



TNZK



43 - 221 ft
63 ft
360°
159000 lbs
85%

ft	177 ft			191 ft			206 ft			221 ft			ft
	63 ft			63 ft			63 ft			63 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
40	22.2												40
45	22.4			18.8									45
50	22.6			18.7			15.7						50
55	22.7			18.6			15.5			12.6			55
60	22.5			18.5			15.3			12.4			60
65	22	18.4		18.2			15.1			12.2			65
70	21.6	17.9		17.7			14.8			12.1			70
75	21.2	17.3		17.3	16.4		14.4	11.6		11.9			75
80	20.8	16.8		16.8	16		14.1	13.4		11.6			80
85	20.1	16.3	14	16.4	15.6		13.7	13		11.3	10.5		85
90	19.2	15.9	13.8	15.9	15.1	13.4	13.3	12.5		11	10.1		90
95	18.4	15.5	13.5	15.4	14.7	13.2	12.9	12.1	11.8	10.7	9.8		95
100	17.6	15.1	13.3	14.9	14.2	13	12.5	11.8	11.5	10.4	9.7	9.3	100
105	16.7	14.8	13.1	14.3	13.7	12.8	12.1	11.4	11.1	10.1	9.5	9.1	105
110	16	14.4	12.9	13.8	13.2	12.6	11.7	11.1	10.8	9.9	9.1	8.8	110
115	15.3	14.1	12.7	13.3	12.8	12.4	11.3	10.7	10.5	9.6	8.9	8.6	115
120	14.7	13.7	12.5	12.7	12.4	12.2	10.9	10.4	10.2	9.3	8.7	8.5	120
125	14.1	13.4	12.4	12.3	12	11.9	10.5	10.1	9.9	9	8.5	8.2	125
130	13.4	13	12.2	11.8	11.6	11.6	10.1	9.8	9.7	8.7	8.3	8	130
135	12.8	12.6	12	11.3	11.2	11.2	9.7	9.5	9.4	8.4	8	7.9	135
140	12.2	12.2	11.8	10.9	10.8	10.9	9.4	9.3	9.2	8.1	7.8	7.7	140
145	11.6	11.8	11.6	10.4	10.4	10.5	9.1	8.9	8.9	7.8	7.5	7.5	145
150	11.1	11.3	11.4	9.9	10.1	10.2	8.7	8.7	8.7	7.5	7.3	7.3	150
155	10.6	10.9	11.1	9.5	9.7	9.8	8.4	8.4	8.4	7.3	7.1	7.1	155
160	10.1	10.5	10.8	9	9.3	9.5	8.1	8.1	8.2	7	6.9	7	160
165	9.6	10	10.4	8.6	9	9.2	7.8	7.9	8	6.8	6.8	6.8	165
170	9.2	9.6	9.9	8.2	8.6	8.8	7.4	7.6	7.7	6.5	6.6	6.6	170
175	8.7	9.1	9.4	7.8	8.2	8.4	7.1	7.3	7.4	6.2	6.4	6.4	175
180	8.2	8.7	8.9	7.4	7.8	8	6.7	7	7.2	6	6.1	6.2	180
185	7.8	8.2	8.4	7	7.4	7.7	6.4	6.7	6.9	5.7	5.8	6	185
190	7.5	7.8	8	6.6	7	7.2	6	6.4	6.6	5.5	5.6	5.9	190
195	7.1	7.4	7.5	6.3	6.7	6.9	5.7	6	6.3	5.2	5.4	5.6	195
200	6.8	7	7.1	5.9	6.3	6.5	5.3	5.7	5.9	4.9	5.2	5.4	200
205	6.4	6.7	6.7	5.6	5.9	6.1	4.9	5.4	5.6	4.6	5	5.1	205
210	6.1	6.3	6.2	5.3	5.6	5.7	4.6	5	5.3	4.3	4.8	4.8	210
215	5.7	5.9	5.8	5	5.3	5.3	4.3	4.7	4.9	4	4.6	4.5	215
220	5.2	5.6		4.7	4.9	4.9	4	4.4	4.5	3.7	4.4	4.2	220
225	4.6	4.9		4.4	4.6	4.5	3.8	4.1	4.1	3.4	4	3.9	225
230	3.6			4	4.2	4.1	3.5	3.8	3.8	3.2	3.7	3.6	230
235				3.6	3.9		3.2	3.4	3.4	2.9	3.4	3.3	235
240				3.1	3.3		3	3.1	3.1	2.7	3.1	3	240
245				2.5			2.8	2.9	3	2.5	2.8	2.7	245
250							2.7	2.7		2.2	2.6	2.3	250
255							2.5	2.6			2.3		255

t_210_73011_01_000

Lifting capacities Forces de levage



TNZK



43 - 221 ft
T

72 ft
NZK

360°

159000 lbs

85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
12	29.4																		12
13	29.5																		13
14	29.6																		14
15	29.7																		15
16	29.7																		16
17	29.8																		17
18	29.6																		18
19	29.4																		19
20	29.1			27.1															20
22	28.7			27.3			22.9												22
24	28.2			27.4			23												24
26	27.8			27.5			23.2												26
28	27.3			27.5			23.3			21.5									28
30	26.7			27.2			23.5			21.7									30
32	26			26.9			23.5			21.8			20.4						32
34	25.3			26.6			23.4			21.9			20.5						34
36	24.6			26.2			23.3			22			20.6			19			36
38	23.9			25.9			23.1			22.1			20.7			19.1			38
40	23.2	18.9		25.6			23			22.1			20.9			19.2			40
45	21.7	17.9		24.7			22.7			21.8			21			19.4			45
50	20.4	17		23.6	17.9		22.2			21.6			20.7			19.5			50
55	19	16.1		22.4	17.2		21.5	16.8		21.3			20.4			19.3			55
60	17.5	15.4	13.4	21.3	16.6		20.7	16.3		21	16.4		20.2			19.1			60
65	16	14.7	13	20.3	16.1		20	15.8		20.4	16		19.9	15.9		18.8	15.6		65
70	14.7	14.1	12.6	19.4	15.6	13.1	19.3	15.4		19.8	15.6		19.4	15.5		18.5	15.2		70
75	13.7	13.6	12.4	18.5	15.1	12.8	18.6	15	12.7	19.2	15.2		18.9	15.2		18.2	14.9		75
80	12.7	13.2	12.2	17.6	14.6	12.6	17.8	14.6	12.5	18.6	14.8	12.6	18.4	14.8		17.8	14.6		80
85	11.9	12.8	12	16.8	14.2	12.4	17.1	14.2	12.3	18	14.5	12.4	17.9	14.5	12.3	17.4	14.3	12.3	85
90	11.2	12.4	12	16	13.9	12.2	16.4	13.8	12.1	17.4	14.2	12.3	17.4	14.2	12.2	17	14.1	12.1	90
95	10.6	12.2	12	15.4	13.5	12.1	15.7	13.4	11.9	16.9	13.9	12.1	16.9	13.9	12.1	16.6	13.8	12	95
100	10	12.1	12	14.7	13.2	12	15.1	13	11.7	16.4	13.6	11.9	16.4	13.6	12	16.2	13.5	11.9	100
105	9.5	12		14	12.9	11.9	14.5	12.6	11.5	15.8	13.3	11.7	16	13.3	11.8	15.8	13.3	11.7	105
110				13.3	12.7	11.9	13.9	12.2	11.2	15.3	13	11.5	15.5	13.1	11.6	15.4	13	11.6	110
115				12.6	12.4	11.9	13.4	11.9	11	14.8	12.7	11.4	15.1	12.8	11.4	15	12.7	11.4	115
120				12	12.2	11.9	12.8	11.5	10.9	14.3	12.3	11.2	14.6	12.5	11.3	14.6	12.5	11.2	120
125				11.5	12.1	11.9	12.3	11.2	10.7	13.8	12	11	14.2	12.2	11.1	14.3	12.2	11.1	125
130				11	12	11.9	11.9	10.9	10.6	13.4	11.7	10.9	13.7	11.9	11	13.9	12	10.9	130
135				10.6	11.9	11.9	11.5	10.6	10.5	13	11.4	10.7	13.3	11.7	10.8	13.5	11.8	10.8	135
140				10.1	11.9	9.3	11.1	10.4	10.4	12.5	11.2	10.6	13	11.4	10.7	13.1	11.5	10.7	140
145				9.8	11.9		10.7	10.2	10.4	12.1	10.9	10.5	12.6	11.2	10.6	12.7	11.3	10.6	145
150				9.4	11.9		10.4	10	10.4	11.7	10.7	10.4	12.3	11	10.5	12.2	11	10.5	150
155							10	9.9	7	11.4	10.4	10.4	11.9	10.7	10.4	11.8	10.8	10.4	155
160							9.7	9.8		11.1	10.3	10.3	11.5	10.5	10.3	11.3	10.6	10.3	160
165							9.4			10.8	10.1	10.3	11.2	10.3	10.3	10.8	10.4	10.3	165
170										10.5	10	10.3	11	10.2	10.2	10.4	10.2	10.2	170
175										10.2	9.8	10.3	10.7	10	10.2	9.9	10	10.2	175
180										10.1	9.8	8.3	10.5	9.9	10.2	9.5	9.8	9.9	180
185										9.9	9.7	4.7	10.2	9.8	10.2	9.1	9.5	9.6	185
190										9.6	9.7		10	9.7	9.9	8.7	9.1	9.2	190
195										8.4			9.7	9.5	7	8.3	8.7	8.8	195
200													9.4	9.4		7.9	8.2	8.3	200
205													8.8	9.2		7.5	7.8	7.8	205
210													6.1			7.2	7.4	6.2	210
215																6.7	7		215
220																6.1	6.4		220
225																4.3			225

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Lifting capacities Forces de levage

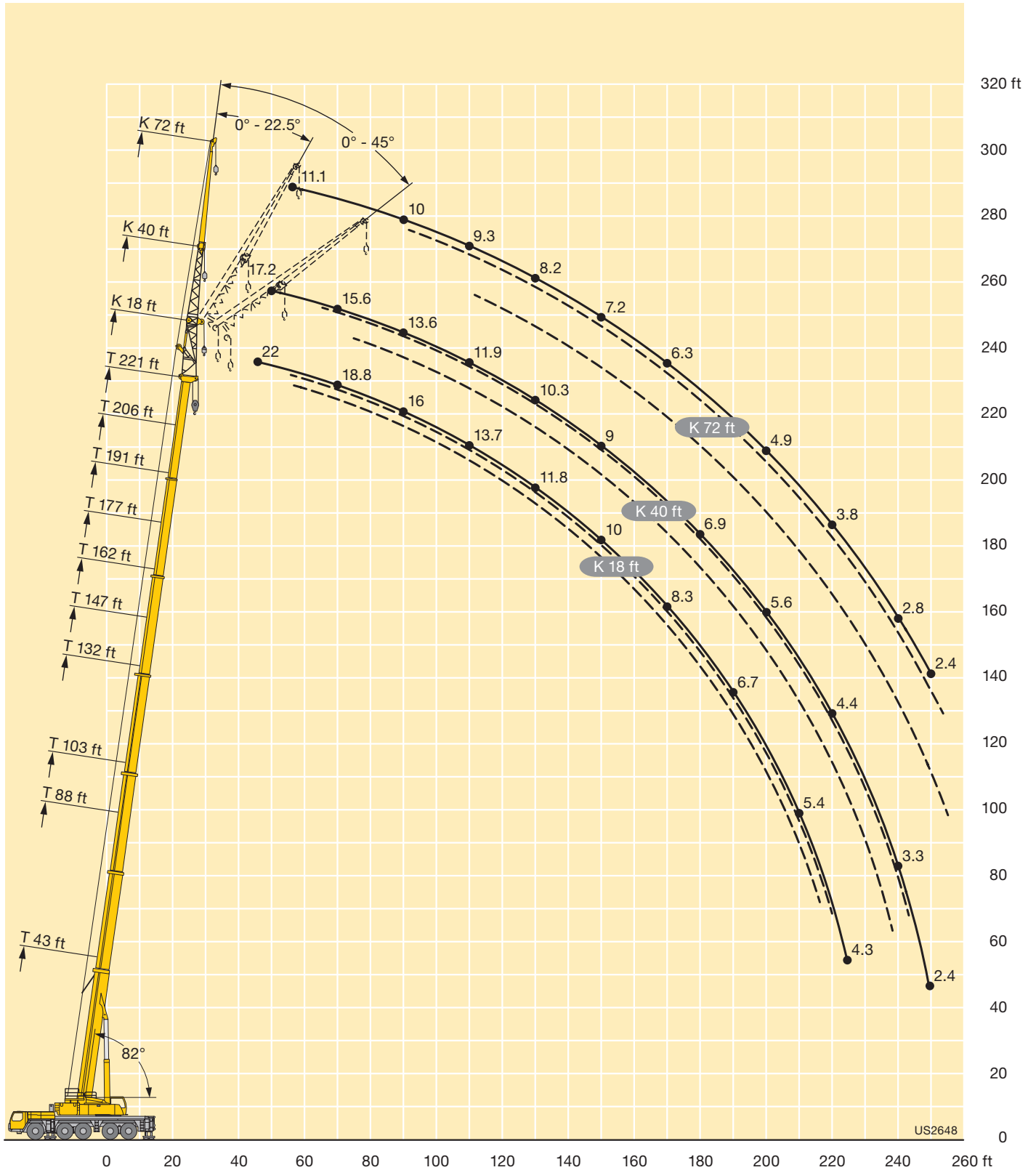


TNZK



ft	177 ft			191 ft			206 ft			221 ft			ft
	72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
40	17.3												40
45	17.5			15.4									45
50	17.7			15.5			13.3						50
55	17.9			15.6			13.2			11.1			55
60	17.7			15.6			13.1			10.9			60
65	17.5			15.6			13			10.8			65
70	17.2	14.8		15.5			12.9			10.7			70
75	17	14.5		15.3	13.8		12.7			10.5			75
80	16.7	14.2		15.1	13.6		12.5			10.4			80
85	16.5	14		15	13.4		12.3	12		10.2			85
90	16.2	13.7	12	14.8	13.2		12.1	11.7		10	9.6		90
95	15.9	13.5	11.9	14.4	13	11.6	12	11.4		9.8	9.4		95
100	15.5	13.3	11.8	14.1	12.8	11.5	11.7	11.1	8.8	9.6	9.1		100
105	15.2	13.1	11.6	13.6	12.6	11.4	11.5	10.8	10.6	9.5	8.8		105
110	14.9	12.8	11.4	13.1	12.4	11.2	11.1	10.5	10.3	9.3	8.6	8.3	110
115	14.6	12.6	11.3	12.7	12.2	11.1	10.8	10.2	10	9	8.4	8.1	115
120	14.1	12.4	11.1	12.2	11.9	10.9	10.4	9.9	9.7	8.8	8.2	7.9	120
125	13.6	12.1	11	11.8	11.5	10.8	10.1	9.6	9.5	8.5	8	7.8	125
130	13.1	11.9	10.9	11.4	11.1	10.6	9.7	9.3	9.2	8.2	7.8	7.6	130
135	12.5	11.6	10.7	11	10.8	10.5	9.4	9.1	8.9	8	7.5	7.4	135
140	12	11.4	10.6	10.6	10.4	10.3	9.1	8.8	8.7	7.7	7.4	7.2	140
145	11.5	11.1	10.5	10.2	10.1	10.1	8.8	8.6	8.5	7.4	7.2	7	145
150	11	10.8	10.4	9.8	9.8	9.9	8.5	8.3	8.3	7.2	7	6.9	150
155	10.5	10.6	10.3	9.4	9.5	9.6	8.2	8.1	8.1	7	6.8	6.8	155
160	10	10.3	10.3	9	9.1	9.3	7.9	7.8	7.9	6.8	6.6	6.7	160
165	9.6	10	10.2	8.6	8.8	9	7.6	7.6	7.7	6.5	6.4	6.5	165
170	9.2	9.6	9.9	8.2	8.5	8.7	7.3	7.4	7.5	6.3	6.3	6.3	170
175	8.7	9.2	9.5	7.8	8.2	8.4	7	7.1	7.2	6	6.1	6.2	175
180	8.3	8.8	9.1	7.5	7.9	8.1	6.7	6.9	7	5.8	5.9	6	180
185	7.9	8.4	8.6	7.1	7.5	7.8	6.3	6.7	6.8	5.6	5.7	5.8	185
190	7.5	8	8.2	6.7	7.2	7.4	6	6.4	6.6	5.4	5.6	5.7	190
195	7.2	7.6	7.8	6.4	6.8	7	5.7	6.1	6.3	5.1	5.4	5.6	195
200	6.9	7.2	7.4	6	6.5	6.7	5.4	5.8	6	4.9	5.2	5.5	200
205	6.5	6.9	7	5.7	6.1	6.3	5	5.5	5.7	4.6	5	5.4	205
210	6.2	6.5	6.5	5.4	5.8	6	4.7	5.2	5.4	4.3	4.7	5.2	210
215	5.9	6.2	6.1	5.1	5.4	5.6	4.4	4.9	5.1	4	4.5	4.9	215
220	5.6	5.8	5.7	4.8	5.1	5.2	4.1	4.6	4.8	3.8	4.2	4.6	220
225	5.1	5.5	5.4	4.5	4.8	4.8	3.9	4.3	4.4	3.5	3.9	4.4	225
230	4.6	5.1		4.2	4.5	4.4	3.6	4	4.1	3.3	3.7	4.1	230
235	4.2	4.4		3.9	4.2	4	3.4	3.7	3.7	3	3.4	3.8	235
240	2.7			3.6	3.8	3.7	3.1	3.4	3.4	2.8	3.1	3.4	240
245				3.1	3.5		2.9	3.1	3	2.6	2.9	3.1	245
250				2.7	2.9		2.6	2.8	2.7	2.4	2.6	2.8	250
255							2.5	2.6	2.7		2.4	2.5	255
260							2.4	2.4					260
265							2.2	2.4					265

t_210_74011_01_000



Lifting capacities Forces de levage



TNZK



43 - 221 ft
86 ft
159000 lbs
360°
85%

ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			ft
	86 ft			86 ft			86 ft			86 ft			86 ft			86 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
15	27.9																		15
16	28																		16
17	28.1																		17
18	28.2																		18
19	28.3																		19
20	28.4																		20
22	28.4																		22
24	27.8			24.2															24
26	27.2			24.5															26
28	26.5			24.8			21.2												28
30	25.9			25.1			21.4												30
32	25.2			25.2			21.6												32
34	24.6			25			21.7			19.6									34
36	23.8			24.7			21.8			19.7			18.3						36
38	23.1			24.4			21.9			19.9			18.4						38
40	22.3			24.1			21.6			20			18.5						40
45	20.4			23.4			21.1			20.2			18.8			17			45
50	18.7	15.4		22.6			20.6			19.8			18.9			17.2			50
55	17.2	14.5		21.4			20			19.4			18.6			17.3			55
60	15.5	13.7		20.2	14.5		19.3			18.9			18.2			17.1			60
65	14.1	12.9		19	13.9		18.4	13.6		18.5			17.7			16.8			65
70	13	12.3	10.4	17.9	13.4		17.5	13.1		17.9	13.2		17.3			16.4			70
75	11.9	11.6	10	17.1	12.8		16.6	12.6		17.3	12.8		16.8	12.8		16	12.5		75
80	11	11.1	9.7	16.2	12.4	10	15.8	12.2		16.6	12.4		16.3	12.4		15.6	12.2		80
85	10.3	10.7	9.4	15.1	11.9	9.7	15.2	11.8	9.6	16	12.1		15.8	12		15.3	11.9		85
90	9.6	10.2	9.1	14.1	11.5	9.5	14.5	11.4	9.4	15.4	11.7	9.5	15.3	11.7		14.9	11.6		90
95	9.1	9.8	8.9	13.2	11.1	9.3	13.8	11.1	9.3	14.8	11.4	9.3	14.8	11.4	9.3	14.5	11.3		95
100	8.5	9.5	8.8	12.5	10.8	9.1	13.2	10.7	9.1	14.3	11.1	9.2	14.3	11.1	9.1	14	11	9.1	100
105	8	9.1	8.7	11.7	10.4	9	12.5	10.4	8.9	13.8	10.8	9	13.8	10.9	9	13.6	10.8	9	105
110	7.6	8.9	8.7	11	10.1	8.9	11.9	10.1	8.8	13.3	10.6	8.9	13.4	10.6	8.9	13.2	10.6	8.9	110
115	7.2	8.7		10.5	9.8	8.7	11.5	9.8	8.7	12.8	10.3	8.8	13	10.4	8.8	12.9	10.3	8.7	115
120	6.9	8.7		10	9.6	8.6	11	9.5	8.6	12.3	10	8.7	12.6	10.2	8.7	12.5	10.1	8.6	120
125				9.5	9.4	8.6	10.5	9.2	8.4	11.8	9.8	8.6	12.2	9.9	8.6	12.2	9.9	8.5	125
130				9.1	9.1	8.5	10.1	9	8.3	11.4	9.6	8.5	11.7	9.7	8.5	11.8	9.7	8.5	130
135				8.7	9	8.5	9.6	8.7	8.2	11	9.3	8.4	11.3	9.5	8.4	11.5	9.5	8.4	135
140				8.3	8.8	8.5	9.2	8.5	8.1	10.6	9.1	8.3	10.9	9.3	8.4	11.1	9.3	8.3	140
145				7.9	8.7	8.5	8.8	8.3	8	10.3	8.9	8.2	10.6	9.1	8.3	10.8	9.1	8.3	145
150				7.6	8.6	8.5	8.4	8.1	8	9.9	8.7	8.1	10.3	8.8	8.2	10.4	8.9	8.2	150
155				7.3	8.6	6.2	8.1	7.9	8	9.6	8.5	8	10	8.7	8.1	10.1	8.8	8.1	155
160				7	8.6		7.8	7.8	8	9.2	8.3	8	9.7	8.5	8	9.8	8.6	8	160
165				6.8			7.5	7.6	8	9	8.1	8	9.4	8.3	8	9.5	8.4	7.9	165
170							7.3	7.6		8.7	8	7.9	9.1	8.2	7.9	9.2	8.3	7.9	170
175							7	7.5		8.4	7.9	7.9	8.9	8	7.9	8.9	8.1	7.9	175
180							6.8			8.2	7.7	7.9	8.6	7.9	7.9	8.6	8	7.8	180
185										7.9	7.6	7.9	8.4	7.8	7.9	8.4	7.9	7.8	185
190										7.6	7.5	7.9	8.2	7.7	7.9	8	7.7	7.8	190
195										7.4	7.5	6.7	8	7.6	7.9	7.7	7.6	7.7	195
200										7.2	7.5		7.8	7.5	7.9	7.4	7.3	7.5	200
205										7	7.5		7.5	7.4	7.9	7	7.1	7.4	205
210										4.2			7.3	7.4	5.9	6.7	6.9	7.1	210
215													7.1	7.4		6.3	6.6	6.6	215
220													6.9	7.2		6	6.3	6.3	220
225																5.5	6	4.8	225
230																5	5.4		230
235																4.5	4.7		235

t_210_75011_01_000

Lifting capacities Forces de levage



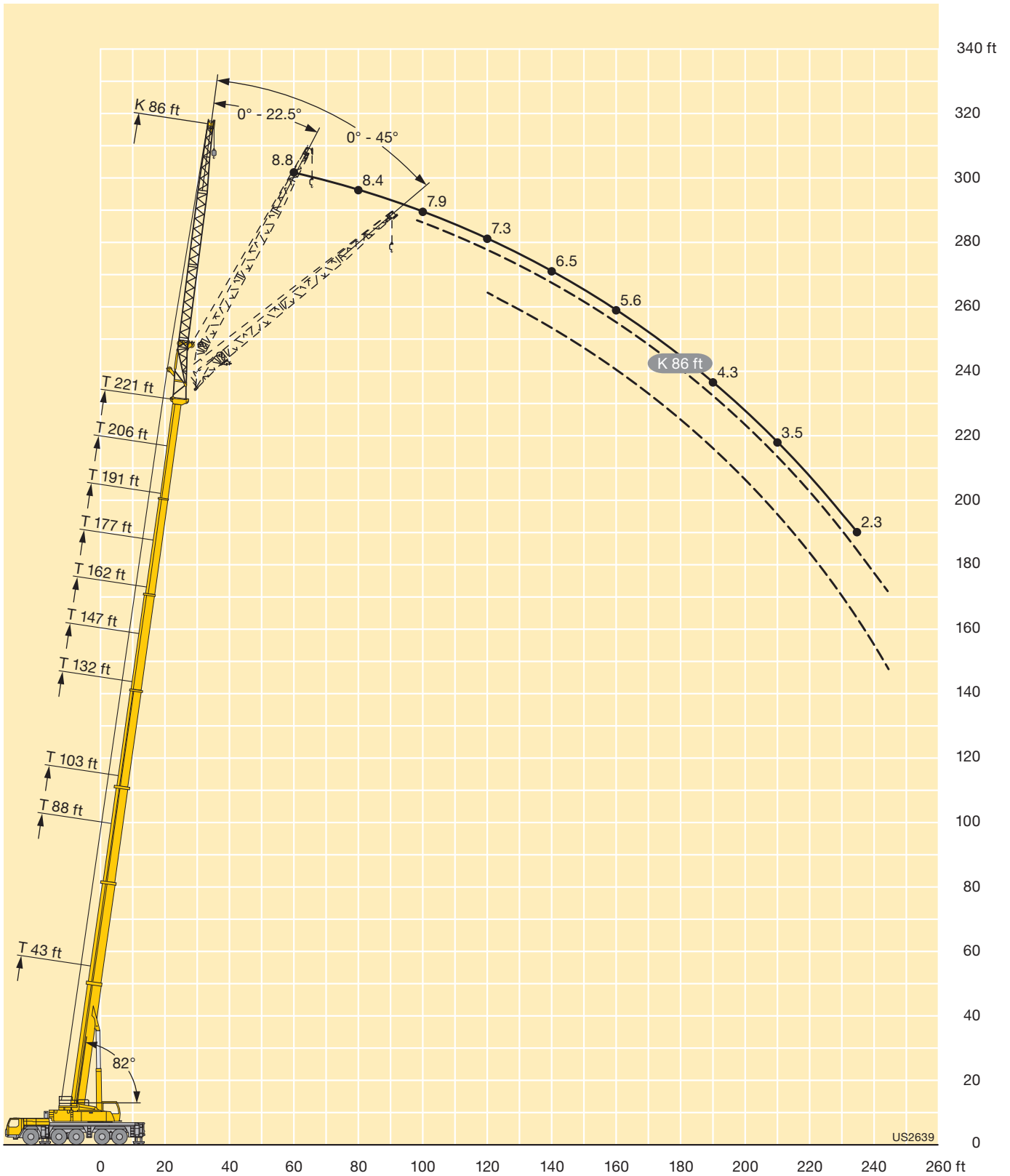
TNZK



43 - 221 ft
86 ft
360°
159000 lbs
85%

ft	177 ft			191 ft			206 ft			221 ft			ft
	86 ft			86 ft			86 ft			86 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
45	15.1												45
50	15.1			13.2									50
55	15.2			13.2			11.1						55
60	15.2			13			10.9			8.8			60
65	15.1			12.9			10.8			8.7			65
70	14.9			12.8			10.7			8.6			70
75	14.7			12.7			10.5			8.5			75
80	14.5	11.8		12.6			10.4			8.4			80
85	14.2	11.5		12.5			10.3			8.3			85
90	14	11.3		12.4	10.8		10.2			8.2			90
95	13.7	11		12.3	10.6		10.1	9.7		8			95
100	13.4	10.8		12.1	10.4		9.9	9.5		7.9	7.7		100
105	13.1	10.6	8.8	11.9	10.2		9.8	9.3		7.8	7.5		105
110	12.8	10.3	8.7	11.6	10	8.6	9.6	9.1		7.6	7.2		110
115	12.5	10.1	8.6	11.2	9.8	8.5	9.4	8.8	8.3	7.5	7		115
120	12.2	9.9	8.6	10.8	9.7	8.4	9.1	8.5	8.2	7.3	6.8	6.5	120
125	11.8	9.8	8.5	10.5	9.5	8.4	8.8	8.3	8.1	7.1	6.7	6.3	125
130	11.5	9.6	8.4	10.1	9.3	8.3	8.5	8	7.9	6.9	6.5	6.2	130
135	11.1	9.4	8.3	9.8	9.1	8.2	8.2	7.8	7.7	6.7	6.3	6	135
140	10.7	9.2	8.3	9.4	8.9	8.2	7.9	7.5	7.5	6.5	6.1	5.9	140
145	10.3	9.1	8.2	9.1	8.7	8.1	7.7	7.3	7.3	6.2	5.9	5.7	145
150	10	8.9	8.1	8.7	8.5	8	7.4	7.1	7.1	6	5.8	5.6	150
155	9.6	8.7	8	8.4	8.3	8	7.1	6.9	6.9	5.8	5.6	5.5	155
160	9.2	8.6	8	8.1	8.1	7.9	6.8	6.7	6.7	5.6	5.5	5.3	160
165	8.8	8.4	7.9	7.7	7.8	7.8	6.5	6.5	6.5	5.4	5.3	5.2	165
170	8.4	8.3	7.9	7.3	7.6	7.6	6.3	6.3	6.3	5.2	5.2	5.1	170
175	8.1	8.1	7.8	7	7.3	7.4	6	6.1	6.2	5	5	5	175
180	7.7	7.9	7.7	6.7	7	7.2	5.7	5.9	6	4.8	4.8	4.9	180
185	7.3	7.6	7.5	6.3	6.8	7	5.4	5.7	5.8	4.6	4.7	4.7	185
190	7	7.3	7.3	6	6.5	6.8	5.1	5.5	5.6	4.3	4.5	4.6	190
195	6.6	7	7.1	5.7	6.2	6.5	4.9	5.3	5.5	4.1	4.3	4.5	195
200	6.2	6.6	6.9	5.3	5.9	6.2	4.6	5.1	5.3	3.9	4.2	4.3	200
205	5.9	6.3	6.6	5	5.5	5.8	4.3	4.8	5.1	3.7	4	4.2	205
210	5.6	6	6.2	4.6	5.2	5.5	4	4.5	4.8	3.5	3.8	4.1	210
215	5.3	5.7	5.8	4.3	4.9	5.2	3.7	4.2	4.5	3.2	3.6	3.9	215
220	4.9	5.3	5.5	4	4.5	4.8	3.4	3.9	4.2	3	3.4	3.7	220
225	4.6	5	5	3.8	4.2	4.4	3.1	3.7	3.9	2.8	3.2	3.4	225
230	4.3	4.7	4.6	3.5	3.9	4	2.9	3.4	3.6	2.5	2.9	3.2	230
235	4	4.3	4.2	3.2	3.6	3.6	2.6	3.1	3.3	2.3	2.7	3	235
240	3.5	4		3	3.3	3.2	2.4	2.8	2.9		2.5	2.7	240
245	3.1	3.5		2.7	3	2.8		2.5	2.6		2.2	2.4	245
250	2.7	2.8		2.4	2.7	2.6		2.3	2.2				250
255					2.4								255

t_210_75011_01_000



Lifting capacities Forces de levage



TNZK



43 - 221 ft
 95 ft
 360°
 159000 lbs
 85%

ft	43 ft			88 ft			103			132 ft			147 ft			162 ft			ft
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
16	18.6																		16
17	19.1																		17
18	19.6																		18
19	19.7																		19
20	19.8																		20
22	19.9																		22
24	19.9				17.9														24
26	19.9				18														26
28	19.8				18.2			16.3											28
30	19.7				18.3			16.4											30
32	19.7				18.4			16.5											32
34	19.6				18.4			16.6		15.4									34
36	19.5				18.4			16.7		15.5									36
38	19.1				18.3			16.7		15.6			14.7						38
40	18.7				18.2			16.7		15.6			14.8						40
45	17.7				18.1			16.5		15.8			14.9			13.9			45
50	16.7				17.9			16.3		15.7			15.1			14			50
55	15.8	12.9			17.3			16.2		15.5			14.9			14.2			55
60	14.9	12.2			16.6			15.8		15.4			14.7			14.1			60
65	13.8	11.6			15.9	12.2		15.3	11.9	15.2			14.6			13.9			65
70	12.8	11			15.3	11.8		14.8	11.5	15			14.4			13.7			70
75	11.9	10.5			14.6	11.3		14.2	11.1	14.5	11.2		14.2	11.1		13.5			75
80	11.1	10	8.6		14	10.9		13.7	10.8	14.1	10.9		13.8	10.8		13.3	10.6		80
85	10.3	9.6	8.4		13.4	10.5		13.2	10.4	13.6	10.6		13.5	10.5		13	10.3		85
90	9.7	9.2	8.1		12.8	10.2	8.4		12.7	10.1			13.2	10.3		12.7	10.1		90
95	9.1	8.8	7.9		12.3	9.8	8.2		12.3	9.8	8.1		12.8	10		12.7	10		95
100	8.5	8.5	7.7		11.7	9.5	8		11.8	9.5	8		12.4	9.7	8	12.3	9.7		100
105	8	8.2	7.5		11.2	9.2	7.9		11.4	9.2	7.8		12	9.5	7.9	12	9.5	7.9	105
110	7.6	7.9	7.4		10.8	9	7.8		10.9	9	7.7		11.7	9.3	7.8	11.7	9.3	7.8	110
115	7.2	7.7	7.4		10.3	8.7	7.6		10.5	8.8	7.6		11.3	9.1	7.7	11.4	9.1	7.6	115
120	6.8	7.5	7.4		9.8	8.5	7.5		10.2	8.6	7.5		11	8.8	7.5	11.1	8.9	7.5	120
125	6.5	7.4			9.4	8.3	7.4		9.8	8.3	7.4		10.6	8.7	7.5	10.8	8.7	7.4	125
130	6.3				8.9	8.1	7.4		9.5	8.2	7.3		10.3	8.5	7.4	10.5	8.5	7.4	130
135					8.5	7.9	7.3		9.2	8	7.3		10	8.3	7.3	10.2	8.4	7.3	135
140					8.1	7.7	7.3		8.9	7.8	7.3		9.7	8.1	7.3	9.9	8.2	7.2	140
145					7.8	7.6	7.3		8.6	7.7	7.2		9.4	8	7.2	9.6	8.1	7.2	145
150					7.5	7.5	7.3		8.2	7.5	7.2		9.2	7.8	7.2	9.3	7.9	7.2	150
155					7.2	7.4	7.3		7.9	7.4	7.2		8.9	7.7	7.1	9.1	7.8	7.1	155
160					6.9	7.3	7.3		7.6	7.2	7.2		8.7	7.6	7.1	8.9	7.7	7.1	160
165					6.6	7.3			7.3	7.1	7.2		8.4	7.5	7.1	8.7	7.5	7.1	165
170					6.4	7.3			7.1	6.9	7.2		8.2	7.3	7.1	8.5	7.4	7.1	170
175									6.8	6.9	7.2		8	7.2	7.1	8.3	7.3	7.1	175
180									6.6	6.8			7.8	7.1	7.1	8.1	7.2	7.1	180
185									6.4	6.8			7.6	7	7.1	7.9	7.1	7.1	185
190													7.4	6.9	7.1	7.7	7	7.1	190
195													7.1	6.8	7.1	7.5	6.9	7.1	195
200													6.9	6.8	7.1	7.3	6.9	7.1	200
205													6.7	6.8	5.9	7.2	6.8	7.1	205
210													6.5	6.8		7	6.7	7.1	210
215													6.4	6.8		6.8	6.7	7.1	215
220													6.6	6.7		6.6	6.7		220
225													6.5	6.7		6.5	6.7		225
230													6.4	6.6		6.4	6.6		230
235																5.5	5.8	5.9	235
240																5	5.5		240
245																4.5	4.9		245
250																4	4.2		250

t_210_76011_01_000

Lifting capacities Forces de levage



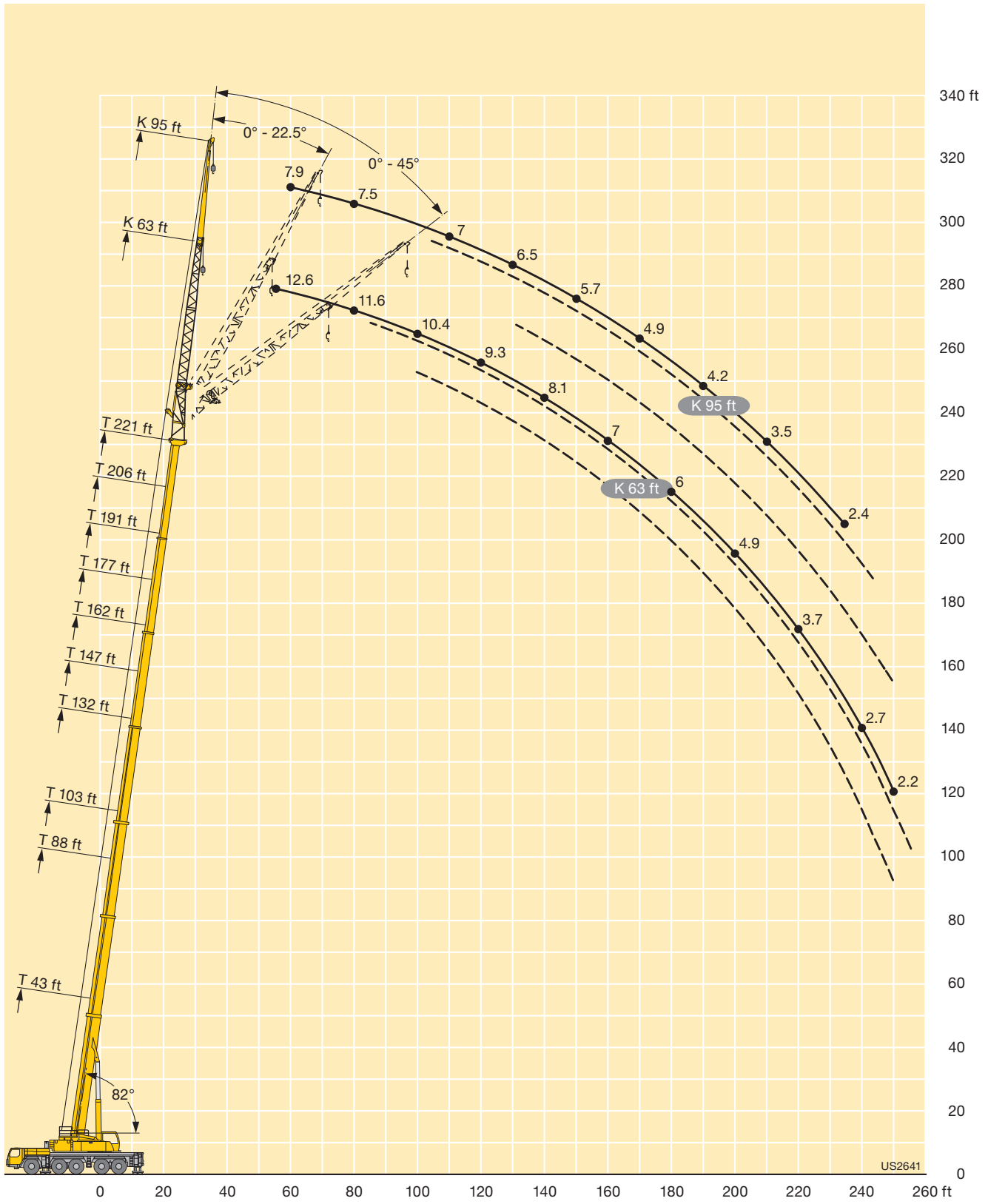
TNZK

LICCON2

43 - 221 ft
95 ft
360°
159000 lbs
85%

ft	177 ft			191 ft			206 ft			221 ft			ft
	95 ft			95 ft			95 ft			95 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
50	12.8			11.3									50
55	13			11.3			9.8						55
60	13.1			11.3			9.7			7.9			60
65	13.1			11.3			9.6			7.8			65
70	12.9			11.3			9.5			7.7			70
75	12.7			11.2			9.4			7.6			75
80	12.5			11.1			9.3			7.5			80
85	12.3	10		11			9.2			7.4			85
90	12.1	9.8		10.9	9.4		9.1			7.4			90
95	11.8	9.6		10.8	9.2		9			7.3			95
100	11.6	9.4		10.7	9.1		8.9	8.5		7.2			100
105	11.3	9.2		10.6	8.9		8.9	8.4		7.1	7		105
110	11.1	9.1	7.6	10.4	8.7		8.8	8.3		7	6.8		110
115	10.8	8.9	7.5	10.1	8.6	7.3	8.7	8.2		7	6.6		115
120	10.6	8.7	7.4	9.9	8.4	7.3	8.4	8		6.9	6.5		120
125	10.3	8.5	7.3	9.7	8.3	7.2	8.2	7.8	7.1	6.7	6.3		125
130	10.1	8.4	7.3	9.5	8.2	7.2	8	7.6	7	6.5	6.1	5.7	130
135	9.9	8.2	7.2	9.3	8	7.1	7.7	7.4	7	6.3	5.9	5.7	135
140	9.6	8.1	7.1	9	7.9	7	7.5	7.2	6.9	6.1	5.8	5.6	140
145	9.4	8	7.1	8.7	7.8	7	7.3	7	6.8	5.9	5.6	5.4	145
150	9.2	7.8	7.1	8.4	7.7	6.9	7	6.8	6.7	5.7	5.5	5.3	150
155	9	7.7	7	8.1	7.6	6.9	6.8	6.6	6.6	5.5	5.3	5.2	155
160	8.7	7.6	7	7.8	7.5	6.9	6.5	6.4	6.4	5.3	5.2	5.1	160
165	8.5	7.6	7	7.5	7.3	6.9	6.3	6.2	6.3	5.1	5	4.9	165
170	8.3	7.5	7	7.2	7.1	6.8	6.1	6	6.1	4.9	4.9	4.8	170
175	8	7.4	7	6.9	6.9	6.8	5.8	5.9	5.9	4.7	4.8	4.7	175
180	7.7	7.3	6.9	6.6	6.8	6.7	5.6	5.7	5.8	4.6	4.6	4.6	180
185	7.3	7.1	6.9	6.3	6.6	6.6	5.3	5.5	5.6	4.4	4.5	4.5	185
190	7	7	6.9	6	6.4	6.5	5.1	5.3	5.5	4.2	4.3	4.4	190
195	6.7	6.7	6.8	5.6	6.2	6.4	4.8	5.1	5.3	4	4.2	4.3	195
200	6.3	6.5	6.7	5.3	6	6.2	4.6	5	5.2	3.8	4	4.2	200
205	6	6.3	6.5	5	5.7	5.9	4.3	4.8	5	3.6	3.9	4.1	205
210	5.6	6	6.4	4.7	5.3	5.6	4	4.6	4.9	3.5	3.7	3.9	210
215	5.3	5.8	6.1	4.4	5	5.3	3.8	4.3	4.7	3.2	3.6	3.8	215
220	5.1	5.5	5.8	4.1	4.7	5	3.5	4.1	4.4	3	3.4	3.7	220
225	4.8	5.2	5.4	3.8	4.4	4.7	3.2	3.8	4.1	2.8	3.3	3.5	225
230	4.5	4.9	5	3.5	4.1	4.3	3	3.5	3.8	2.6	3	3.3	230
235	4.2	4.6	4.5	3.3	3.8	3.9	2.7	3.3	3.5	2.4	2.8	3.1	235
240	3.9	4.3	4.1	3.1	3.5	3.6	2.5	3	3.2		2.6	2.9	240
245	3.5	3.9	3.9	2.8	3.2	3.2	2.2	2.7	2.9		2.4	2.6	245
250	3.1	3.6		2.6	2.9	2.8		2.5	2.6			2.4	250
255	2.7	3.1		2.4	2.6	2.4		2.2	2.2				255
260	2.3				2.4	2.3							260

t_210_76011_01_000



Lifting capacities Forces de levage



TNZK



ft	43 ft			88 ft			103			132 ft			147 ft			162 ft			ft
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
20	12.4																		20
22	13.2																		22
24	13.8																		24
26	14.3																		26
28	14.5																		28
30	14.4			13.1															30
32	14.3			13.3			11.8												32
34	14.2			13.3			12												34
36	14.1			13.4			12.1												36
38	14			13.5			12.2			11.3									38
40	13.9			13.4			12.2			11.4									40
45	13.5			13.2			12.3			11.5			10.8						45
50	12.9			13			12.1			11.6			10.9			10			50
55	12.2			12.8			11.8			11.6			11			10.2			55
60	11.6			12.5			11.6			11.3			11			10.3			60
65	10.9			12			11.4			11.1			10.7			10.3			65
70	10.3	8.5		11.5			11			10.8			10.5			10.1			70
75	9.7	8.1		11	8.4		10.6			10.6			10.3			9.9			75
80	9.1	7.7		10.5	8		10.2	7.8		10.3			10.1			9.7			80
85	8.6	7.3		10	7.7		9.8	7.6		10	7.6		9.8			9.5			85
90	8	7		9.6	7.4		9.4	7.3		9.7	7.4		9.6	7.3		9.2			90
95	7.5	6.6		9.2	7.1		9.1	7.1		9.4	7.1		9.3	7.1		9	7		95
100	7	6.3	5.5	8.9	6.9		8.7	6.8		9.1	6.9		9	6.9		8.8	6.8		100
105	6.6	6.1	5.3	8.5	6.7		8.4	6.6		8.7	6.7		8.7	6.7		8.6	6.6		105
110	6.2	5.8	5.1	8.1	6.4	5.3	8.1	6.4		8.5	6.5		8.5	6.5		8.3	6.4		110
115	5.8	5.6	5	7.7	6.2	5.2	7.8	6.2	5.1	8.2	6.3		8.2	6.3		8.1	6.3		115
120	5.5	5.4	4.8	7.4	6	5.1	7.5	6	5	8	6.2	5	7.9	6.2	5	7.8	6.1		120
125	5.2	5.2	4.8	7.1	5.8	4.9	7.2	5.8	4.9	7.7	6	4.9	7.7	6	4.9	7.6	6	4.8	125
130	4.9	5	4.7	6.9	5.7	4.8	6.9	5.7	4.8	7.5	5.9	4.8	7.5	5.9	4.8	7.4	5.8	4.8	130
135	4.6	4.9	4.6	6.6	5.5	4.7	6.7	5.5	4.7	7.2	5.7	4.8	7.3	5.7	4.7	7.2	5.7	4.7	135
140	4.4	4.8	4.6	6.3	5.3	4.7	6.5	5.4	4.7	7	5.6	4.7	7.1	5.6	4.7	7	5.6	4.6	140
145	4.2	4.7	4.6	6.1	5.2	4.6	6.2	5.2	4.6	6.7	5.4	4.6	6.9	5.5	4.6	6.9	5.5	4.6	145
150	4	4.6		5.8	5.1	4.5	6	5.1	4.6	6.5	5.3	4.6	6.7	5.3	4.6	6.7	5.3	4.5	150
155				5.5	4.9	4.5	5.8	5	4.5	6.3	5.2	4.5	6.5	5.2	4.5	6.5	5.2	4.5	155
160				5.2	4.8	4.5	5.6	4.9	4.5	6.2	5.1	4.5	6.2	5.1	4.5	6.3	5.1	4.4	160
165				5	4.7	4.5	5.5	4.8	4.5	6	5	4.4	6.1	5.1	4.4	6.1	5.1	4.4	165
170				4.8	4.7	4.5	5.3	4.7	4.4	5.8	4.9	4.4	5.9	5	4.4	6	5	4.4	170
175				4.6	4.6	4.5	5.1	4.6	4.4	5.7	4.8	4.4	5.8	4.9	4.4	5.8	4.9	4.3	175
180				4.4	4.5	4.5	4.9	4.6	4.4	5.5	4.7	4.4	5.7	4.8	4.3	5.7	4.8	4.3	180
185				4.2	4.5	4.5	4.7	4.5	4.4	5.3	4.7	4.4	5.5	4.7	4.3	5.6	4.7	4.3	185
190				4.1	4.5		4.5	4.5	4.4	5.2	4.6	4.4	5.4	4.6	4.3	5.4	4.6	4.3	190
195				4	4.5		4.4	4.5	4.4	5.1	4.5	4.4	5.2	4.6	4.3	5.3	4.6	4.3	195
200							4.2	4.5		5	4.5	4.4	5.1	4.5	4.3	5.2	4.5	4.3	200
205							4.1	4.5		4.8	4.5	4.4	5	4.4	4.3	5.1	4.5	4.3	205
210							3.9			4.7	4.4	4.4	4.9	4.4	4.3	5	4.4	4.3	210
215										4.6	4.4	4.4	4.8	4.4	4.3	4.8	4.4	4.3	215
220										4.4	4.4	4.4	4.7	4.4	4.3	4.7	4.3	4.3	220
225										4.3	4.4	4.4	4.6	4.3	4.3	4.6	4.3	4.3	225
230										4.1	4.4		4.5	4.3	4.3	4.5	4.3	4.3	230
235										4	4.4		4.4	4.3	4.3	4.4	4.3	4.3	235
240										3.9			4.3	4.3	4.3	4.2	4.3	4.3	240
245													4.1	4.3		4.1	4.3	4.3	245
250													4	4.3		3.8	4.2	4.3	250
255													3			3.4	3.9		255
260																3	3.6		260
265																2.6	3		265

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Lifting capacities Forces de levage



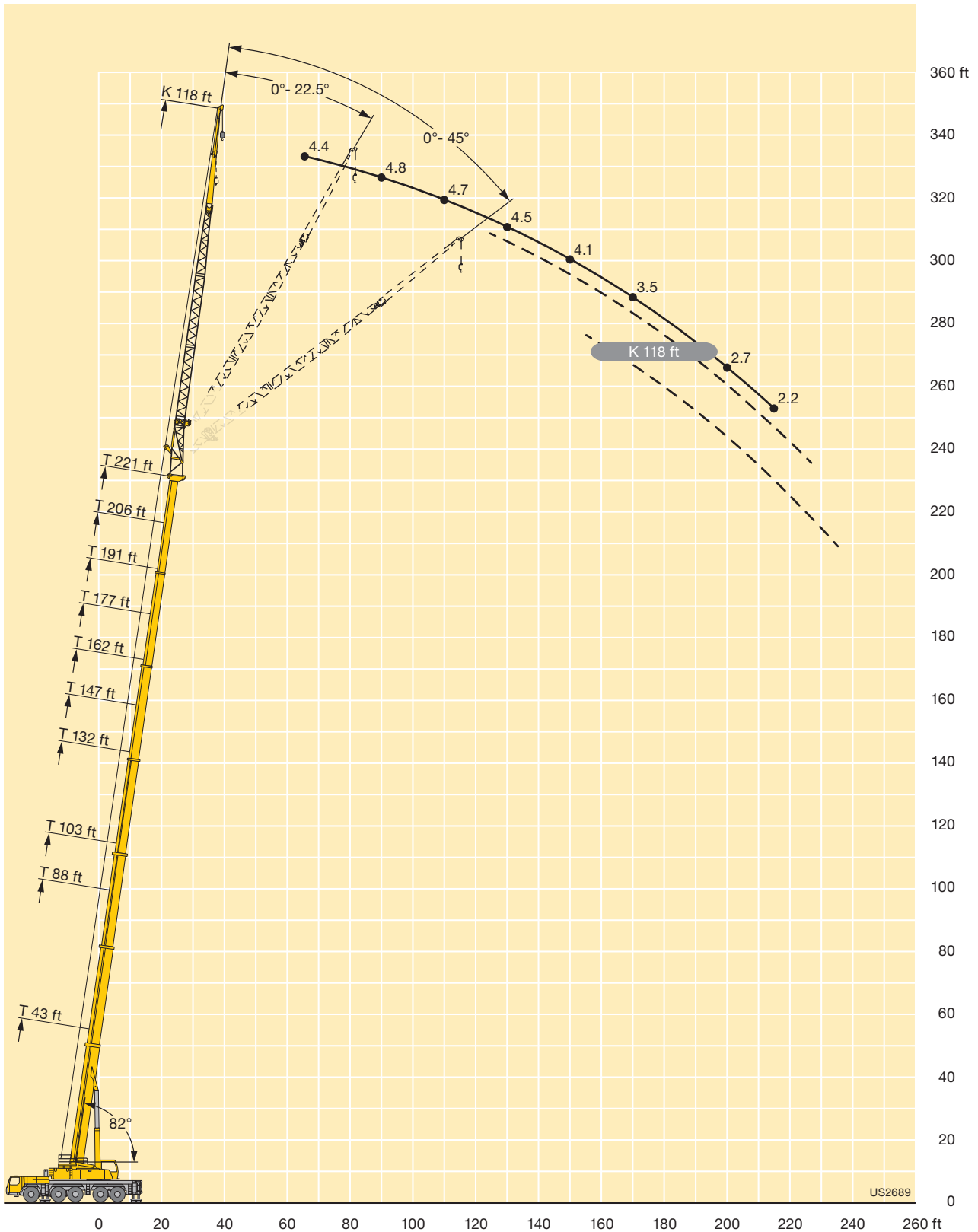
TNZK



43 - 221 ft
118 ft
360°
159000 lbs
85%

ft	177 ft			191 ft			206 ft			221 ft			ft
	118 ft			118 ft			118 ft			118 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
55	9.2												55
60	9.3			8.1			7						60
65	9.3			8.1			6.9			4.4			65
70	9.4			8			6.8			4.5			70
75	9.3			8			6.8			4.6			75
80	9.1			8			6.7			4.7			80
85	8.9			7.9			6.6			4.8			85
90	8.7			7.8			6.6			4.8			90
95	8.6			7.7			6.5			4.8			95
100	8.4	6.6		7.6			6.5			4.7			100
105	8.2	6.4		7.5			6.4			4.7			105
110	8	6.3		7.4	6.1		6.3			4.7			110
115	7.8	6.1		7.3	5.9		6.3	5.6		4.6			115
120	7.6	6		7.2	5.8		6.2	5.5		4.6			120
125	7.4	5.9		7	5.7		6.1	5.4		4.6	4.6		125
130	7.2	5.7	4.7	6.9	5.6		6	5.3		4.5	4.5		130
135	7	5.6	4.6	6.7	5.4		5.9	5.2		4.4	4.4		135
140	6.8	5.5	4.6	6.6	5.3	4.5	5.7	5.1		4.3	4.2		140
145	6.7	5.4	4.5	6.4	5.2	4.4	5.6	5	4.3	4.2	4.1		145
150	6.5	5.3	4.5	6.3	5.1	4.4	5.4	4.9	4.3	4.1	3.9		150
155	6.4	5.2	4.4	6.1	5.1	4.4	5.2	4.8	4.2	3.9	3.8	3.7	155
160	6.3	5.1	4.4	5.9	5	4.3	5.1	4.8	4.2	3.8	3.7	3.6	160
165	6.1	5	4.3	5.8	4.9	4.3	4.9	4.7	4.2	3.7	3.6	3.5	165
170	6	4.9	4.3	5.6	4.8	4.2	4.7	4.6	4.2	3.5	3.5	3.5	170
175	5.8	4.8	4.3	5.4	4.7	4.2	4.5	4.4	4.1	3.4	3.3	3.4	175
180	5.7	4.8	4.3	5.2	4.6	4.2	4.4	4.3	4.1	3.3	3.2	3.3	180
185	5.5	4.7	4.2	5	4.6	4.2	4.2	4.2	4.1	3.1	3.1	3.2	185
190	5.4	4.6	4.2	4.8	4.5	4.2	4	4.1	4	3	3	3.1	190
195	5.2	4.5	4.2	4.6	4.5	4.1	3.8	4	4	2.8	2.9	3	195
200	5	4.5	4.2	4.4	4.4	4.1	3.6	3.8	4	2.7	2.8	2.9	200
205	4.8	4.4	4.2	4.2	4.4	4.1	3.4	3.7	3.9	2.5	2.7	2.9	205
210	4.6	4.3	4.2	4	4.3	4.1	3.2	3.5	3.8	2.4	2.6	2.8	210
215	4.4	4.3	4.2	3.7	4.2	4.1	3	3.4	3.7	2.2	2.5	2.7	215
220	4.2	4.2	4.2	3.4	4.1	4.1	2.8	3.2	3.5		2.3	2.6	220
225	4	4.2	4.2	3.2	3.9	4	2.5	3	3.4		2.2	2.5	225
230	3.8	4.1	4.2	2.9	3.7	3.8	2.3	2.9	3.2			2.4	230
235	3.5	4	4.2	2.7	3.4	3.6		2.7	3			2.3	235
240	3.3	3.9	4	2.4	3.1	3.4		2.5	2.8				240
245	3.1	3.6	3.7		2.8	3.1		2.3	2.6				245
250	2.8	3.3	3.4		2.6	2.8			2.3				250
255	2.6	3	2.9		2.3	2.5							255
260	2.3	2.8	2.6										260
265		2.5	2.4										265

t_210_77011_01_000



Lifting capacities Forces de levage



TVNZK

LICCON2



ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	18 ft			18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
10	71.8																		10
11	68.4																		11
12	65.6																		12
13	63																		13
14	60.4																		14
15	58.1	56.9																	15
16	55.9	55.5																	16
17	53.9	53.5																	17
18	52.1	51.8	51.9	62.8															18
19	50.3	50.3	50.3	61.3															19
20	48.6	48.9	48.7	59.8															20
22	45.7	46	45.8	56.7			52.8												22
24	43.1	43.1	43.4	54	49.2		50.7												24
26	40.6	40.8	40.9	51.8	47.3		48.6												26
28	38.2	38.8	38.6	49.6	45.4	42.4	46.7	41		46.5									28
30	36.1	36.8	36.7	47.4	43.9	40.9	45	39.7		45.2									30
32	34.4	34.9	34.9	45.3	42.4	39.5	43.5	38.5	36.4	43.9			42.6						32
34	32.7	33.1	33.1	43.1	40.9	38.3	42	37.4	35.4	42.7	37.6		41.6						34
36	31.2	31.6	31.4	41.5	39.5	37.1	40.6	36.4	34.4	41.5	36.7		40.6						36
38	29.7	30.3	30	40.1	38	35.9	39.1	35.4	33.6	40.3	35.8	33.5	39.6	34.6			37.6		38
40	28.4	28.9	28.8	38.8	36.8	34.7	37.7	34.5	32.7	39.3	35	32.8	38.5	33.9			36.8		40
45	25.7	25.6	25.6	35.4	34.2	32.3	35	32.1	30.7	36.7	33.1	31.1	36.4	32.2	30.2	34.9	30.7	28.6	45
50	23.2	23.1	22.9	32.4	31.5	30	32.7	30.2	28.8	34.1	31.4	29.7	34.4	30.9	29	33.2	29.4	27.6	50
55	20.8	20.8	20.5	30.2	29.2	27.9	30.3	28.4	27.2	32.1	29.7	28.3	32.3	29.5	27.7	31.7	28.2	26.6	55
60	19.2	18.9	18.4	28.1	27.3	26.1	28.4	26.7	25.5	30.5	28.2	27	30.5	28.1	26.4	30.2	27	25.6	60
65	17.5	17.3	16.7	26	25.4	24.3	26.8	25.2	24.1	28.9	26.8	25.6	29	26.9	25.2	28.7	25.9	24.5	65
70	16.2	15.8	13.2	24.1	23.4	22.5	25.2	23.7	22.8	27.3	25.3	24.3	27.6	25.6	24.2	27.4	24.7	23.4	70
75	15.3	14.7		22.8	22	21.1	23.6	22.3	21.5	26	24	23	26.2	24.4	23.1	26.2	23.8	22.5	75
80				21.4	20.8	19.8	22.1	21	20.2	24.8	23	22	24.9	23.2	22	25	22.9	21.7	80
85				20.1	19.5	18.6	21.1	19.9	19.1	23.7	22	21	23.9	22.2	21	23.9	22	20.8	85
90				19	18.3	17.5	20.1	18.9	18.2	22.5	21	20.1	22.9	21.3	20.3	22.7	21.1	20	90
95				18.1	17.4	16.6	19.1	18	17.3	21.3	20.1	19.2	22.1	20.5	19.5	21.8	20.3	19.2	95
100				17.2	16.6	15.8	18.2	17.1	16.4	20.4	19.1	18.3	21.1	19.7	18.8	20.8	19.6	18.6	100
105				16.4	15.7	15	17.5	16.4	15.8	19.6	18.4	17.6	20.2	19	18	19.9	18.9	18	105
110				15.8	15.1	13.6	16.8	15.8	15.2	18.9	17.8	17	19.4	18.2	17.3	19	18.3	17.4	110
115				15.3	14.6		16.2	15.2	14.6	18.2	17.1	16.4	18.8	17.6	16.7	18	17.6	16.8	115
120				14.9			15.6	14.7	14.1	17.4	16.5	15.7	18.2	17	16.2	17.1	17	16.2	120
125							15.3	14.3	12.2	16.8	15.8	15.2	17.6	16.5	15.7	16.3	16.3	15.6	125
130							14.9	13.9		16.4	15.4	14.7	17	16	15.2	15.5	15.6	15	130
135							14.6			15.9	15	14.3	16.4	15.5	14.7	14.8	14.8	14.4	135
140										15.5	14.6	13.9	15.8	15	14.3	14	14.1	13.9	140
145										15.1	14.2	13.5	15.1	14.5	14	13.3	13.4	13.3	145
150										14.8	13.9	13.1	14.4	14	13.7	12.6	12.7	12.7	150
155										14.5	13.7		13.7	13.6	13.3	11.9	12	12.1	155
160										14.3			13	13.1	12.9	11.3	11.4	11.5	160
165													12.5	12.5	12.4	10.8	10.8	10.8	165
170													12	12		10.1	10.2	10.2	170
175													11.1			9.6	9.7	9.7	175
180																9.2	9.2	9.2	180
185																8.6	8.7		185
190																7.8			190

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Lifting capacities Forces de levage

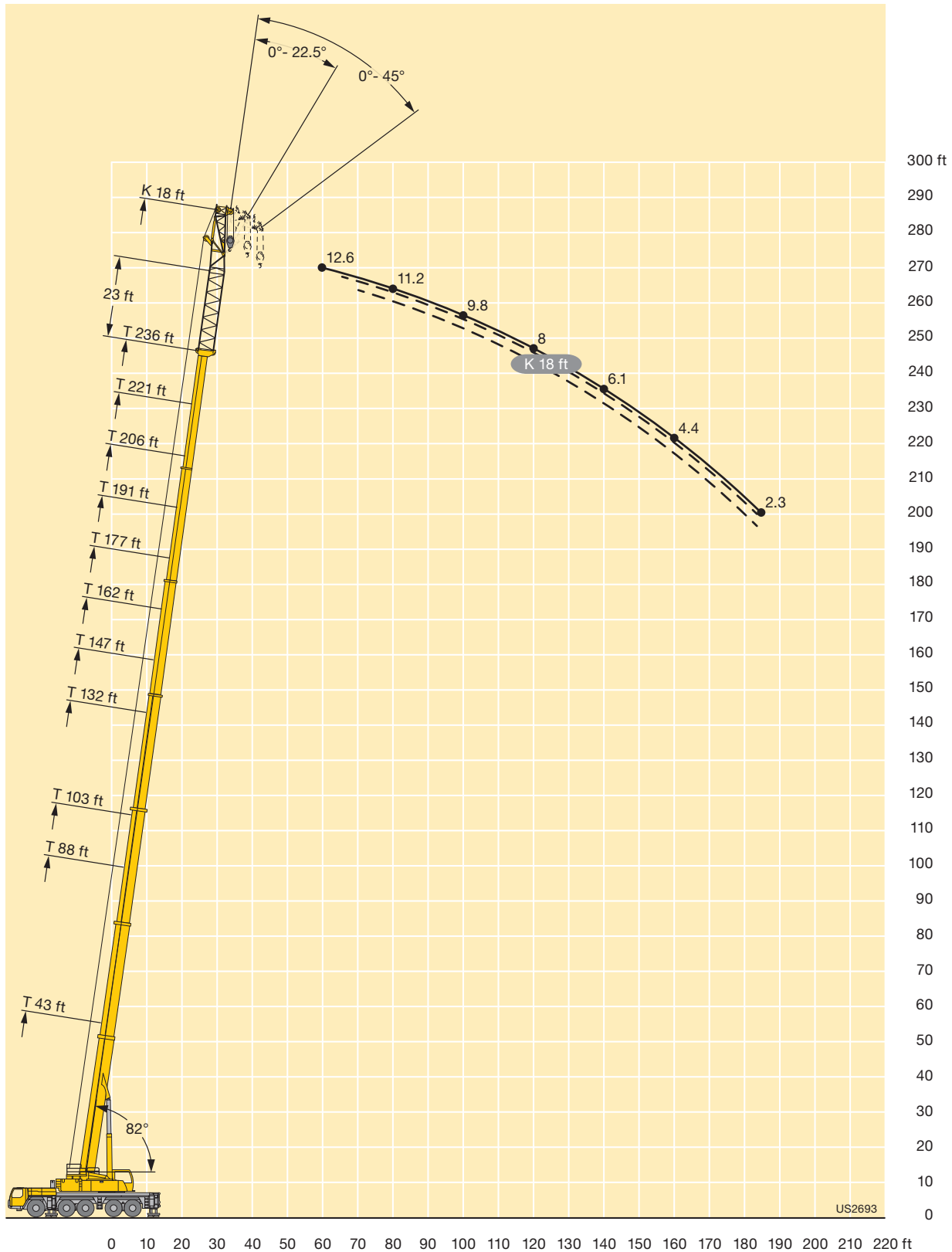


TVNZK



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			236 ft + 23 ft			ft
	18 ft			18 ft			18 ft			18 ft			18 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
45	32.6	28.2		27.6												45
50	31.2	27.3	25.8	26.5	22.5		19.6									50
55	29.8	26.5	24.8	25.5	21.8	20.3	19	18.8		15.4						55
60	28.5	25.5	23.8	24.5	21.1	19.7	18.5	18.1	17.3	15	14.9		12.6			60
65	27.3	24.6	22.8	23.4	20.4	19.2	17.9	17.5	16.9	14.6	14.4	14.3	12.3	12.3		65
70	26.1	23.6	21.9	22.3	19.8	18.6	17.3	16.8	16.5	14.2	13.9	13.9	11.9	11.9	11.9	70
75	24.8	22.6	21.1	21.2	19.2	18.1	16.6	16.2	16	13.7	13.5	13.4	11.6	11.5	11.5	75
80	23.7	21.8	20.4	20.2	18.6	17.5	16	15.7	15.5	13.3	13.1	13	11.2	11.1	11.1	80
85	22.6	21	19.7	19.2	17.9	17	15.4	15.1	15	12.8	12.6	12.6	10.9	10.8	10.8	85
90	21.4	20.3	19	18.3	17.3	16.4	14.8	14.6	14.5	12.3	12.2	12.2	10.5	10.4	10.4	90
95	20.3	19.6	18.4	17.5	16.6	16	14.2	14.1	14	11.9	11.8	11.8	10.2	10.1	10.1	95
100	19.3	18.9	17.8	16.7	16	15.6	13.7	13.6	13.5	11.5	11.4	11.3	9.8	9.8	9.8	100
105	18.3	18.1	17.1	15.8	15.3	15.1	13.2	13.1	13.1	11.1	11	11	9.5	9.4	9.5	105
110	17.4	17.3	16.4	15	14.7	14.6	12.7	12.6	12.6	10.8	10.7	10.6	9	9.1	9.1	110
115	16.5	16.5	15.7	14.4	14.1	14.1	12.1	12.1	12.1	10.4	10.3	10.3	8.5	8.6	8.7	115
120	15.6	15.6	15	13.7	13.5	13.6	11.7	11.6	11.6	10.1	10	10	8	8.1	8.3	120
125	14.7	14.8	14.3	13.1	12.9	13	11.2	11.2	11.2	9.7	9.6	9.6	7.5	7.7	7.8	125
130	13.8	13.9	13.6	12.5	12.4	12.4	10.8	10.8	10.8	9.4	9.3	9.3	7	7.2	7.3	130
135	13	13.1	12.9	11.8	11.8	11.9	10.4	10.4	10.4	9	9	9	6.6	6.8	6.9	135
140	12.4	12.5	12.3	11.2	11.3	11.3	10	10	10	8.7	8.7	8.7	6.1	6.3	6.5	140
145	11.8	11.9	11.6	10.6	10.7	10.8	9.6	9.6	9.6	8.4	8.4	8.4	5.7	5.9	6	145
150	11.2	11.3	11	10.1	10.2	10.2	9.1	9.2	9.2	8.1	8.1	8.1	5.2	5.4	5.6	150
155	10.6	10.6	10.4	9.6	9.7	9.8	8.7	8.8	8.8	7.8	7.8	7.8	4.8	5	5.1	155
160	10	10	9.9	9	9.2	9.3	8.3	8.4	8.4	7.5	7.5	7.5	4.4	4.6	4.7	160
165	9.4	9.5	9.4	8.6	8.7	8.8	7.9	8	8	7.2	7.2	7.2	4	4.2	4.3	165
170	9	9	8.9	8.1	8.2	8.3	7.5	7.5	7.6	6.9	6.9	6.9	3.6	3.7	3.8	170
175	8.5	8.5	8.4	7.6	7.7	7.8	7.1	7.2	7.2	6.5	6.6	6.6	3.1	3.3	3.4	175
180	8	8.1	8	7.1	7.3	7.3	6.7	6.7	6.8	6.2	6.3	6.2	2.7	2.9	3	180
185	7.6	7.6	7.6	6.8	6.9	6.9	6.3	6.3	6.4	5.8	5.9	5.9	2.3	2.5	2.6	185
190	7.1	7.2	7.1	6.4	6.6	6.5	5.9	5.9	6	5.5	5.6	5.6				190
195	6.7	6.8	6.7	6	6.2	6.2	5.5	5.6	5.6	5.1	5.2	5.2				195
200	6.1	6.2		5.6	5.8	5.7	5.2	5.2	5.3	4.8	4.9	4.9				200
205	5.5			5.3	5.4	5.4	4.8	4.9	4.9	4.5	4.5	4.5				205
210				4.9	5	5	4.5	4.5	4.5	4.1	4.2	4.2				210
215				4.3	4.5		4.1	4.2	4.1	3.9	3.9	3.9				215
220				3.8			3.9	3.9	3.9	3.6	3.6	3.6				220
225							3.7	3.7		3.3	3.3	3.3				225
230							3.5	3.5		3	3	3				230
235							3.3			2.7	2.8	2.7				235
240										2.5	2.5					240
245										2.2	2.2					245

t_210_91011_01_000



Lifting capacities Forces de levage



TVNZK



43 - 221 ft
 23 ft
 40 ft
 TVNZK
 360°
 159000 lbs
 85%

ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
10	50.7																		10
11	50.7																		11
12	50.7																		12
13	50.7																		13
14	50.7																		14
15	50.5																		15
16	50.2																		16
17	49.8																		17
18	49.4																		18
19	49			50.5															19
20	48.6			50.4															20
22	47.8			50.3															22
24	47			50.2			43												24
26	45.4	35.1		50.1			42.2												26
28	43.1	33.9		49.1			41.3												28
30	41	32.9		47.9			40.5			38									30
32	39	31.9		46.7			39.6			37.4									32
34	36.9	31		45.4	33.3		38.4			36.9			34.3						34
36	34.9	30.1	24.4	44.1	32.5		37.3			36.3			33.9						36
38	33.3	29.2	23.9	42.9	31.8		36	25.5		35.7			33.5			30.4			38
40	31.9	28.3	23.5	41.6	31.1		34.9	25.5		35			33			30.1			40
45	28.8	26.3	22.6	38.5	29.7	23.6	31.9	25.3		33.1	25.1		31.8			29.3			45
50	26.2	24.3	21.7	35.4	28.3	22.9	29.4	24.1	21.4	31.2	24.7		30.3	24.4		28.5			50
55	23.6	22.5	21	32.3	26.8	22.3	27.4	22.9	20.3	29.2	23.8	20.6	28.7	23.4		27.4	22.2		55
60	21.9	20.6	20	29.7	25.3	21.7	25.3	21.7	19.3	27.4	22.7	19.7	27.1	22.4	19.5	26.1	21.4		60
65	20.2	19	18.8	27.9	23.7	21.1	23.3	20.5	18.3	25.9	21.5	18.8	25.5	21.4	18.7	24.8	20.6	18.3	65
70	18.5	17.8	17.4	26.1	22.4	20.5	21.8	19.4	17.5	24.3	20.3	18.1	24.2	20.4	18	23.5	19.8	17.6	70
75	17.4	16.6	16	24.3	21.3	19.8	20.6	18.3	16.7	22.7	19.5	17.3	23	19.4	17.4	22.3	19	17	75
80	16.3	15.5	14.6	22.5	20.1	18.7	19.4	17.4	16	21.3	18.6	16.7	21.8	18.6	16.7	21.4	18.2	16.5	80
85	15.2	14.5	13.3	21.2	19	17.6	18.1	16.6	15.4	20.2	17.7	16.1	20.6	17.9	16.1	20.4	17.5	16	85
90	14.2	13.5	9.9	20.2	18.1	16.5	16.9	15.8	14.9	19.3	16.8	15.6	19.4	17.2	15.7	19.5	16.9	15.5	90
95	13.5	12.8		19.2	17.3	15.7	16	15	14.3	18.4	16.3	15.1	18.6	16.4	15.2	18.5	16.4	15.1	95
100				18.1	16.5	14.9	15.3	14.3	13.8	17.5	15.7	14.7	17.9	15.9	14.8	17.7	15.8	14.6	100
105				17.2	15.7	14.2	14.6	13.8	13.3	16.6	15.1	14.2	17.2	15.3	14.4	17	15.2	14.2	105
110				16.5	15	13.5	13.9	13.3	12.9	15.7	14.6	13.8	16.5	14.9	14	16.5	14.7	13.8	110
115				15.8	14.4	12.9	13.2	12.7	12.5	15.1	14	13.4	15.8	14.4	13.6	15.9	14.3	13.4	115
120				15	13.8	12.2	12.7	12.2	12.1	14.5	13.5	13	15.1	13.9	13.2	15.4	13.9	13	120
125				14.3	13.2	11.7	12.2	11.8	11.7	14	13.1	12.7	14.5	13.4	12.8	14.8	13.6	12.7	125
130				13.9	12.7	8.6	11.8	11.4	11.4	13.5	12.7	12.3	14	13	12.5	14.3	13.2	12.4	130
135				13.5	12.2	5.2	11.3	11.1	11.1	13	12.3	12	13.6	12.6	12.2	13.7	12.8	12	135
140				13.1	11.9		10.9	10.7	10.5	12.5	11.9	11.6	13.1	12.3	11.8	13.1	12.4	11.7	140
145							10.6	10.5	7.1	12.1	11.6	11.3	12.7	12	11.5	12.6	12	11.4	145
150							10.2	10.2	4.8	11.7	11.3	11	12.3	11.7	11.2	12	11.6	11.1	150
155							10	10.1		11.4	11	10.7	11.9	11.3	10.9	11.4	11.2	10.9	155
160										11	10.7	10.4	11.6	11.1	10.6	10.9	10.9	10.6	160
165										10.7	10.5	10.1	11.3	10.8	10.4	10.3	10.5	10.3	165
170										10.4	10.3	8.1	11	10.6	10.1	9.8	10.1	10.1	170
175										10.2	10.1	5.8	10.7	10.4	9.9	9.3	9.7	9.6	175
180										10	10		10.4	10.2	9.6	8.9	9.2	9.2	180
185											9.9		10	9.9	7.1	8.5	8.8	8.8	185
190													9.6	9.6	5.5	8	8.3	8.4	190
195													9	9.3		7.6	7.9	7.9	195
200													6.8			7.2	7.5	6.5	200
205																6.7	7.1	5.2	205
210																6.1	6.4		210
215																4.5			215

t_210_92011_01_000

Lifting capacities Forces de levage



TVNZK



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			ft
	40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
45	24.6			20.3									45
50	24.2			20			15.9						50
55	23.8			19.6			15.6			12.6			55
60	23.1	19.6		19.3	17.3		15.3			12.4			60
65	22.3	19		18.8	17		14.9	12.2		12.1			65
70	21.5	18.5	16.5	18.1	16.6		14.6	14		11.8	11.3		70
75	20.6	17.9	16	17.4	16.1	14.6	14.1	13.6		11.5	11		75
80	19.8	17.3	15.5	16.7	15.7	14.2	13.7	13.1	12.6	11.2	10.7		80
85	19	16.8	15.1	16	15.2	13.8	13.2	12.6	12.3	10.8	10.3	10.1	85
90	18.3	16.2	14.7	15.3	14.7	13.5	12.7	12.2	12	10.5	10	9.8	90
95	17.5	15.7	14.3	14.8	14.3	13.2	12.3	11.8	11.7	10.2	9.7	9.5	95
100	16.8	15.3	13.9	14.2	13.8	12.9	11.8	11.4	11.3	9.8	9.4	9.2	100
105	16	14.9	13.5	13.7	13.3	12.6	11.4	11	11	9.5	9.1	8.9	105
110	15.3	14.4	13.2	13.2	12.9	12.2	11	10.7	10.6	9.2	8.9	8.7	110
115	14.7	14	12.9	12.6	12.4	11.9	10.7	10.3	10.3	8.9	8.6	8.5	115
120	14.1	13.6	12.5	12.1	12	11.6	10.3	10	9.9	8.6	8.3	8.2	120
125	13.5	13.1	12.2	11.7	11.5	11.3	9.9	9.7	9.7	8.3	8.1	8	125
130	12.9	12.6	11.9	11.2	11.1	11.1	9.5	9.4	9.4	8	7.8	7.8	130
135	12.3	12.2	11.6	10.8	10.7	10.7	9.1	9.1	9.1	7.7	7.6	7.6	135
140	11.7	11.7	11.4	10.3	10.3	10.4	8.8	8.8	8.8	7.4	7.4	7.3	140
145	11.1	11.3	11.1	9.9	9.9	10	8.5	8.5	8.5	7.2	7.1	7.1	145
150	10.6	10.8	10.8	9.4	9.6	9.6	8.2	8.2	8.2	6.9	6.9	6.9	150
155	10.1	10.4	10.5	9	9.2	9.3	7.8	7.9	8	6.7	6.7	6.7	155
160	9.7	9.9	10.1	8.6	8.8	8.9	7.5	7.6	7.7	6.4	6.4	6.5	160
165	9.2	9.4	9.6	8.2	8.4	8.5	7.2	7.4	7.4	6.2	6.2	6.3	165
170	8.7	9	9.1	7.8	8	8.1	6.9	7.1	7.2	5.9	6	6.1	170
175	8.2	8.5	8.7	7.3	7.6	7.8	6.5	6.8	6.9	5.7	5.8	5.9	175
180	7.8	8	8.2	7	7.2	7.4	6.2	6.5	6.6	5.4	5.6	5.7	180
185	7.4	7.6	7.7	6.6	6.8	7	5.8	6.1	6.2	5.1	5.3	5.5	185
190	7	7.2	7.3	6.1	6.4	6.6	5.5	5.8	5.9	4.9	5.1	5.3	190
195	6.7	6.9	6.9	5.8	6.1	6.2	5.1	5.4	5.5	4.6	4.8	5	195
200	6.3	6.5	6.5	5.4	5.7	5.8	4.8	5.1	5.2	4.3	4.6	4.7	200
205	6	6.1	6.1	5.1	5.3	5.4	4.4	4.7	4.8	4	4.3	4.4	205
210	5.6	5.8	5.8	4.8	5	5.1	4.1	4.3	4.5	3.7	4	4.1	210
215	5.2	5.4	5.4	4.4	4.6	4.7	3.8	4	4.1	3.4	3.7	3.8	215
220	4.7	4.9	4.7	4.1	4.3	4.3	3.5	3.7	3.8	3.2	3.4	3.5	220
225	4.1	4.3		3.8	3.9	3.9	3.3	3.4	3.5	2.9	3.2	3.2	225
230	3.1			3.5	3.7	3.6	3	3.2	3.2	2.7	2.9	2.9	230
235				3.1	3.3	3.1	2.7	2.9	2.8	2.4	2.6	2.6	235
240				2.6	2.8		2.5	2.6	2.5		2.4	2.3	240
245							2.3	2.4	2.3				245

t_210_92011_01_000

Lifting capacities Forces de levage



TVNZK

LICCON2



ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	63 ft			63 ft			63 ft			63 ft			63 ft			63 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
15	37.1																		15
16	37.1																		16
17	37.1																		17
18	37.1																		18
19	37.1																		19
20	37.1																		20
22	36.8																		22
24	35.9			32.5															24
26	35.1			32.4															26
28	34.2			32.3			27.9												28
30	33.4			32.2			27.7												30
32	32.5			32			27.6												32
34	31.5			31.6			27.4			23.9									34
36	30.4			31.1			27.2			23.9									36
38	29.2			30.6			27			23.9			22						38
40	28	24		30			26.4			23.9			22						40
45	25.1	22.1		28.7			24.7			23.8			21.9			19.8			45
50	22.6	20.3		27.2	21.7		22.9			22.8			21.7			19.7			50
55	20.8	18.6		25.4	20.3		21.1	17.2		21.8			21.1			19.5			55
60	19	17.2	15.5	23.6	19.1		19.8	16.2		20.7	16.5		20.2			19			60
65	17.2	15.9	14.5	21.7	18	15.4	18.6	15.4		19.7	15.7		19.3	15.6		18.4			65
70	15.7	14.8	13.7	20.1	17	14.8	17.4	14.6	12.9	18.7	15		18.4	14.9		17.6	14.6		70
75	14.7	13.9	13	19	16.2	14.2	16.2	13.9	12.4	17.8	14.4	12.6	17.6	14.3		16.9	14		75
80	13.6	13	12.3	18	15.3	13.6	15.2	13.3	11.9	16.9	13.8	12.2	16.9	13.8	12.1	16.3	13.5		80
85	12.8	12.3	11.7	16.9	14.6	13.1	14.5	12.7	11.5	16.1	13.2	11.8	16.1	13.3	11.7	15.6	13.1	11.6	85
90	11.9	11.6	11.2	15.9	14	12.7	13.8	12.1	11.1	15.2	12.7	11.4	15.4	12.8	11.4	15.1	12.6	11.2	90
95	11.2	11	10.7	14.9	13.4	12.2	13.1	11.6	10.7	14.5	12.3	11	14.7	12.3	11.1	14.5	12.2	10.9	95
100	10.5	10.4	10.2	14.1	12.9	11.8	12.4	11.2	10.3	13.9	11.8	10.7	14	11.9	10.7	14	11.8	10.7	100
105	9.9	9.9	9.8	13.5	12.3	11.5	11.8	10.7	10	13.4	11.4	10.4	13.5	11.5	10.4	13.4	11.4	10.4	105
110	9.4	9.5	9.6	12.9	11.8	11.1	11.2	10.3	9.7	12.8	11	10.1	13	11.1	10.2	12.9	11.1	10.1	110
115	8.9	9.1		12.2	11.4	10.8	10.7	9.9	9.4	12.3	10.6	9.8	12.6	10.8	9.9	12.4	10.7	9.9	115
120	8.5	8.8		11.6	11	10.5	10.3	9.5	9.1	11.7	10.3	9.6	12.1	10.4	9.7	12	10.4	9.6	120
125				11.1	10.6	10.2	9.8	9.2	8.8	11.2	10	9.3	11.6	10.2	9.4	11.7	10.1	9.4	125
130				10.7	10.2	10	9.4	8.9	8.6	10.8	9.6	9.1	11.2	9.9	9.2	11.3	9.9	9.2	130
135				10.3	9.9	9.8	9	8.6	8.4	10.4	9.3	8.9	10.7	9.6	9	10.9	9.6	9	135
140				9.9	9.6	9.6	8.6	8.3	8.1	10.1	9	8.7	10.3	9.3	8.8	10.5	9.4	8.8	140
145				9.5	9.3	9.4	8.3	8.1	8	9.7	8.8	8.5	10	9	8.6	10.2	9.1	8.6	145
150				9.2	9.1	9.1	8	7.8	7.8	9.3	8.6	8.3	9.7	8.8	8.4	9.8	8.9	8.5	150
155				8.9	8.9	5.7	7.7	7.6	7.6	9	8.3	8.1	9.4	8.6	8.2	9.5	8.6	8.3	155
160				8.6	8.8		7.4	7.4	7.6	8.7	8.1	8	9.1	8.4	8.1	9.2	8.4	8.1	160
165				8.4			7.2	7.2	7.5	8.4	7.9	7.8	8.8	8.1	8	9	8.2	8	165
170							7	7	4.9	8.2	7.7	7.7	8.5	7.9	7.9	8.7	8.1	7.9	170
175							6.8	6.9		7.9	7.5	7.6	8.2	7.8	7.7	8.5	7.9	7.8	175
180							6.8			7.7	7.4	7.5	8	7.6	7.6	8.2	7.7	7.7	180
185										7.4	7.2	7.5	7.8	7.4	7.5	7.9	7.5	7.5	185
190										7.2	7	7.5	7.6	7.3	7.4	7.6	7.4	7.4	190
195										7	6.9	6.2	7.4	7.1	7.3	7.3	7.1	7.2	195
200										6.9	6.9		7.2	7	7.3	6.9	6.9	7	200
205										6.7	6.8		7	6.9	7.3	6.6	6.6	6.8	205
210										3.8			6.9	6.8	5.7	6.2	6.4	6.6	210
215													6.7	6.8		5.9	6.1	6.2	215
220													6.5	6.7		5.6	5.8	5.7	220
225																5	5.5	5.1	225
230																4.5	4.9		230
235																4	4.2		235

t_210_93011_01_000

Lifting capacities Forces de levage



TVNZK

LICCON2



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			ft
	63 ft			63 ft			63 ft			63 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
50	17.3												50
55	17.1			14.8			12.1						55
60	17			14.5			11.9			9.3			60
65	16.8			14.4			11.8			9.2			65
70	16.3	13.8		14.1			11.6			9			70
75	15.8	13.4		13.8			11.5			8.9			75
80	15.3	13		13.5	12.2		11.2			8.7			80
85	14.8	12.6		13.1	11.9		10.9	10.5		8.5			85
90	14.3	12.2	11	12.8	11.5		10.5	10.1		8.3	7.9		90
95	13.8	11.9	10.7	12.4	11.2	10.2	10.2	9.8		8	7.7		95
100	13.4	11.5	10.4	12.1	10.9	10	9.8	9.5	9.1	7.7	7.4		100
105	13	11.1	10.2	11.7	10.6	9.8	9.5	9.2	8.9	7.5	7.2	7.1	105
110	12.6	10.8	9.9	11.3	10.4	9.6	9.1	8.9	8.7	7.2	7	6.9	110
115	12.1	10.5	9.7	10.9	10.1	9.4	8.8	8.6	8.5	7	6.8	6.7	115
120	11.7	10.2	9.5	10.5	9.8	9.2	8.5	8.3	8.2	6.8	6.6	6.5	120
125	11.3	10	9.3	10.1	9.5	9	8.3	8	8	6.5	6.4	6.3	125
130	10.9	9.7	9.1	9.7	9.3	8.8	8	7.8	7.8	6.3	6.2	6.1	130
135	10.6	9.4	8.9	9.3	9	8.7	7.7	7.5	7.5	6.1	6	5.9	135
140	10.2	9.2	8.7	8.9	8.8	8.5	7.4	7.3	7.3	5.9	5.8	5.8	140
145	9.8	9	8.5	8.6	8.5	8.4	7.1	7	7.1	5.7	5.6	5.6	145
150	9.5	8.8	8.4	8.2	8.3	8.2	6.8	6.8	6.8	5.4	5.4	5.4	150
155	9.1	8.6	8.3	7.9	8	8	6.5	6.6	6.6	5.2	5.3	5.3	155
160	8.8	8.4	8.1	7.5	7.7	7.8	6.3	6.3	6.4	5	5.1	5.1	160
165	8.4	8.2	8	7.2	7.4	7.5	6	6.1	6.2	4.8	4.9	5	165
170	8	8	7.8	6.8	7.1	7.3	5.7	5.9	6	4.6	4.7	4.9	170
175	7.7	7.8	7.7	6.5	6.9	7.1	5.5	5.6	5.8	4.4	4.5	4.7	175
180	7.3	7.5	7.5	6.2	6.6	6.8	5.2	5.4	5.6	4.2	4.4	4.5	180
185	6.9	7.2	7.2	5.8	6.3	6.6	4.9	5.2	5.4	4	4.2	4.4	185
190	6.5	6.8	6.9	5.5	6	6.3	4.7	4.9	5.2	3.8	4	4.2	190
195	6.1	6.5	6.6	5.1	5.6	5.9	4.4	4.7	5	3.6	3.8	4	195
200	5.7	6.1	6.3	4.8	5.3	5.5	4.1	4.5	4.8	3.4	3.7	3.8	200
205	5.4	5.8	6	4.5	4.9	5.2	3.8	4.2	4.5	3.2	3.5	3.7	205
210	5.1	5.5	5.6	4.1	4.6	4.8	3.5	3.9	4.2	3	3.3	3.5	210
215	4.8	5.1	5.2	3.8	4.2	4.4	3.2	3.6	3.8	2.7	3.1	3.3	215
220	4.5	4.8	4.9	3.5	3.9	4	2.9	3.3	3.5	2.5	2.9	3	220
225	4.2	4.5	4.5	3.3	3.6	3.7	2.6	3	3.2	2.3	2.6	2.8	225
230	3.9	4.1	4	3	3.3	3.4	2.4	2.8	2.9		2.4	2.5	230
235	3.6	3.8	3.6	2.7	3	3		2.5	2.6			2.3	235
240	3.1	3.5	3.1	2.5	2.7	2.7		2.2	2.3				240
245	2.6	2.9		2.2	2.4	2.3							245
250	2.2	2.3											250

t_210_93011_01_000

Lifting capacities Forces de levage



TVNZK



43 - 221 ft
T

23 ft
V

72 ft
NZK

360°

159000 lbs

85%

ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
15	23.9																		15
16	24																		16
17	24																		17
18	24.1																		18
19	24.2																		19
20	24.3																		20
22	24.3																		22
24	24.3			22															24
26	24.2			22.1															26
28	24.1			22.2			19.7												28
30	24			22.3			19.8												30
32	23.9			22.4			19.8												32
34	23.8			22.4			19.9			18.3									34
36	23.5			22.3			20			18.4									36
38	23.2			22.2			20			18.4			17.2						38
40	22.9			22.1			19.9			18.5			17.3						40
45	21.9	18.2		21.9			19.5			18.6			17.4			16			45
50	20.6	17.4		21.8			19.2			18.3			17.5			16.1			50
55	19	16.6		21.1	17.2		18.8			18			17.3			16.2			55
60	17.5	15.6		20.3	16.7		18.3	14.9		17.6			16.9			16.1			60
65	16	14.7	13.1	19.4	16		17.3	14.2		17.2	14.4		16.6			15.7			65
70	14.9	13.8	12.7	18.6	15.4		16.4	13.5		16.8	13.8		16.2	13.6		15.4			70
75	13.8	13	12.2	17.8	14.7	12.8	15.4	12.9		16.2	13.2		15.8	13.1		15	12.8		75
80	12.9	12.3	11.6	17	14.1	12.5	14.5	12.3	11.1	15.5	12.7		15.3	12.7		14.7	12.4		80
85	12	11.6	11	16.1	13.5	12.1	13.8	11.8	10.7	14.8	12.2	10.8	14.8	12.2		14.3	12		85
90	11.3	11	10.6	15.3	12.9	11.6	13.2	11.3	10.3	14.1	11.7	10.5	14.2	11.8	10.4	13.8	11.6	10.3	90
95	10.6	10.4	10.1	14.4	12.4	11.3	12.6	10.8	9.9	13.4	11.3	10.2	13.6	11.4	10.1	13.4	11.2	10	95
100	10	9.9	9.7	13.6	11.9	10.9	12	10.4	9.6	12.9	10.9	9.9	13	11	9.9	12.9	10.9	9.8	100
105	9.5	9.5	9.3	12.9	11.4	10.5	11.4	10	9.3	12.4	10.6	9.6	12.5	10.6	9.6	12.4	10.5	9.5	105
110	9	9	8.9	12.4	11	10.2	10.8	9.7	9	12	10.2	9.3	12.1	10.3	9.3	11.9	10.2	9.3	110
115	8.6	8.6	8.7	11.9	10.6	9.9	10.3	9.3	8.7	11.5	9.8	9.1	11.7	10	9.1	11.5	9.9	9.1	115
120	8.2	8.3	8.5	11.4	10.2	9.6	9.9	9	8.5	11	9.6	8.8	11.3	9.7	8.9	11.1	9.7	8.8	120
125	7.8	8		10.9	9.9	9.4	9.6	8.6	8.2	10.6	9.3	8.6	10.9	9.4	8.7	10.8	9.4	8.7	125
130	7.6			10.4	9.5	9.2	9.2	8.3	8	10.1	9	8.4	10.5	9.1	8.4	10.5	9.1	8.5	130
135				10	9.2	9	8.8	8.1	7.8	9.7	8.7	8.2	10.1	8.9	8.3	10.2	8.8	8.3	135
140				9.6	8.9	8.8	8.4	7.8	7.6	9.4	8.4	8	9.7	8.6	8.1	9.9	8.6	8.1	140
145				9.2	8.7	8.6	8.1	7.6	7.4	9.1	8.2	7.8	9.4	8.4	7.9	9.6	8.4	7.9	145
150				8.9	8.4	8.5	7.8	7.3	7.2	8.8	8	7.6	9.1	8.2	7.8	9.2	8.2	7.8	150
155				8.5	8.2	8.5	7.5	7.1	7.1	8.5	7.8	7.5	8.8	7.9	7.6	8.9	8	7.6	155
160				8.2	8	8.4	7.2	6.9	7	8.2	7.6	7.3	8.5	7.7	7.4	8.7	7.8	7.5	160
165				7.9	7.9		7	6.8	6.9	7.9	7.4	7.2	8.3	7.5	7.3	8.4	7.6	7.3	165
170				7.7	7.8		6.7	6.6	6.8	7.7	7.2	7.1	8	7.4	7.2	8.2	7.4	7.2	170
175							6.5	6.4	6.8	7.4	7	7	7.8	7.2	7.1	8	7.3	7.1	175
180							6.3	6.3		7.2	6.8	6.9	7.5	7	7	7.8	7.1	7	180
185							6.2	6.3		7	6.7	6.8	7.3	6.9	6.9	7.5	7	6.9	185
190										6.8	6.5	6.8	7.1	6.7	6.8	7.3	6.9	6.8	190
195										6.6	6.4	6.8	7	6.6	6.8	7.1	6.7	6.8	195
200										6.5	6.3	6.8	6.8	6.5	6.7	6.8	6.6	6.7	200
205										6.3	6.2	5.6	6.6	6.4	6.7	6.5	6.4	6.5	205
210										6.2	6.2		6.4	6.3	6.7	6.3	6.2	6.4	210
215										6.1	6.2		6.3	6.2	6.7	6	6.1	6.3	215
220													6.2	6.2	5.2	5.7	5.9	6.1	220
225													6.1	6.1		5.4	5.7	5.6	225
230													5.9	6.1		5	5.4	5.3	230
235																4.5	5	4.5	235
240																4	4.4		240
245																3.6			245
250																			250

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Lifting capacities Forces de levage



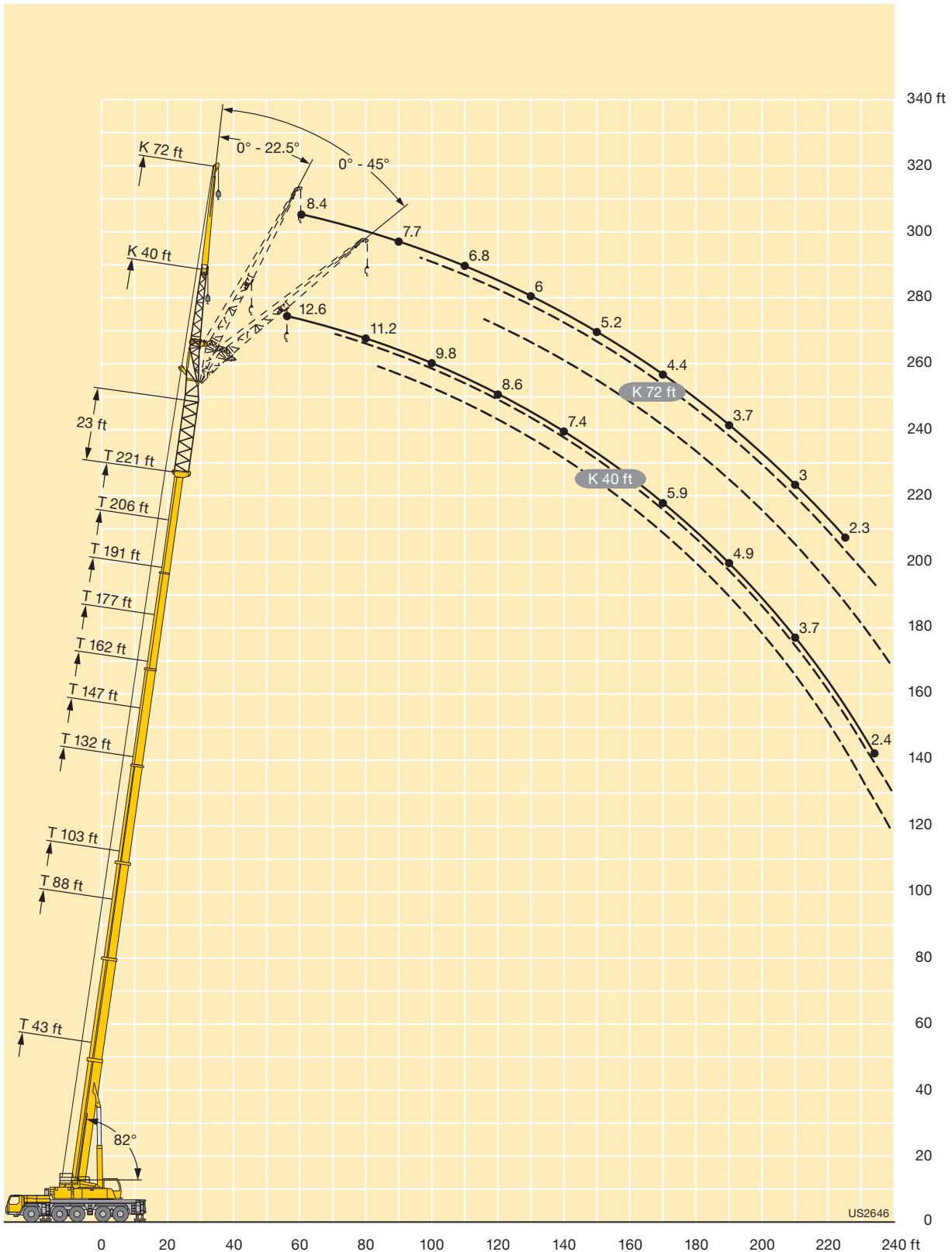
TVNZK

LICCON2



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			ft
	72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
50	14.5												50
55	14.5			12.6									55
60	14.6			12.5			10.6			8.4			60
65	14.6			12.4			10.4			8.3			65
70	14.3			12.4			10.3			8.2			70
75	14	12.2		12.2			10.1			8.1			75
80	13.7	11.9		12			9.9			8			80
85	13.4	11.6		11.8	10.9		9.7			7.9			85
90	13.1	11.2		11.7	10.6		9.5	9.3		7.7			90
95	12.7	10.9	9.7	11.5	10.3		9.3	9.1		7.5	7.2		95
100	12.3	10.6	9.6	11.3	10		9	8.9		7.3	7		100
105	12	10.3	9.3	11	9.8	9	8.8	8.7		7	6.8		105
110	11.6	10	9.1	10.8	9.5	8.8	8.6	8.5	8	6.8	6.6		110
115	11.3	9.7	8.9	10.4	9.3	8.6	8.4	8.2	7.9	6.6	6.4	6.3	115
120	10.9	9.4	8.7	10	9.1	8.4	8.1	7.9	7.8	6.4	6.2	6.2	120
125	10.5	9.2	8.5	9.7	8.8	8.3	7.9	7.7	7.7	6.2	6	6	125
130	10.2	9	8.3	9.3	8.6	8.1	7.6	7.4	7.5	6	5.8	5.8	130
135	9.9	8.7	8.2	9	8.4	7.9	7.3	7.2	7.3	5.8	5.7	5.7	135
140	9.6	8.5	8	8.6	8.3	7.8	7	7	7	5.6	5.5	5.5	140
145	9.3	8.3	7.8	8.3	8.1	7.7	6.8	6.8	6.8	5.4	5.3	5.3	145
150	9.1	8.1	7.7	8	7.9	7.5	6.5	6.5	6.6	5.2	5.1	5.2	150
155	8.8	8	7.5	7.7	7.7	7.4	6.3	6.3	6.4	5	5	5	155
160	8.5	7.8	7.4	7.3	7.5	7.3	6	6.1	6.2	4.8	4.8	4.9	160
165	8.2	7.6	7.3	7	7.2	7.1	5.8	5.9	6	4.6	4.7	4.8	165
170	7.9	7.5	7.2	6.7	7	7	5.5	5.7	5.8	4.4	4.5	4.6	170
175	7.6	7.3	7.1	6.4	6.8	6.8	5.3	5.5	5.6	4.2	4.4	4.5	175
180	7.3	7.1	7	6.1	6.5	6.6	5.1	5.3	5.5	4.1	4.2	4.4	180
185	6.9	6.9	6.8	5.8	6.2	6.4	4.8	5.1	5.3	3.9	4.1	4.2	185
190	6.6	6.6	6.6	5.4	6	6.2	4.6	4.9	5.1	3.7	3.9	4.1	190
195	6.2	6.4	6.5	5.1	5.8	6	4.3	4.7	4.9	3.5	3.7	3.9	195
200	5.9	6.1	6.3	4.8	5.5	5.7	4.1	4.5	4.7	3.3	3.6	3.8	200
205	5.5	5.8	6.1	4.5	5.1	5.4	3.8	4.2	4.5	3.2	3.4	3.6	205
210	5.2	5.6	5.8	4.2	4.8	5	3.6	4	4.3	3	3.2	3.4	210
215	4.9	5.3	5.5	3.9	4.5	4.7	3.3	3.8	4	2.8	3.1	3.3	215
220	4.6	5	5.1	3.6	4.1	4.4	3	3.5	3.7	2.5	2.9	3.1	220
225	4.3	4.7	4.8	3.3	3.8	4	2.8	3.2	3.5	2.3	2.7	2.9	225
230	4	4.4	4.4	3.1	3.5	3.7	2.5	2.9	3.1		2.5	2.7	230
235	3.7	4	4	2.8	3.2	3.3	2.3	2.7	2.9		2.3	2.4	235
240	3.4	3.7	3.6	2.6	2.9	3		2.4	2.6			2.2	240
245	3.1	3.4	3.2	2.4	2.7	2.7			2.3				245
250	2.7	3.1			2.4	2.3							250
255	2.3	2.6											255

t_210_94011_01_000



Lifting capacities Forces de levage



TVNZK

LICCON2



ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	86 ft			86 ft			86 ft			86 ft			86 ft			86 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
19	22.4																		19
20	22.4																		20
22	22.6																		22
24	22.8																		24
26	22.9																		26
28	22.8			20.1															28
30	22.7			20.2															30
32	22.5			20.3			17.5												32
34	22.3			20.4			17.5												34
36	22.2			20.5			17.6												36
38	22			20.5			17.7			16.1									38
40	21.8			20.4			17.8			16.2									40
45	20.7			20.1			17.7			16.3			15.2						45
50	19.2			19.7			17.1			16.5			15.3			13.8			50
55	17.7	14.8		19.3			16.4			16.1			15.3			13.8			55
60	16.3	14.1		18.6			15.7			15.6			15.2			13.8			60
65	15.3	13.2		17.6	13.9		15.1			15.1			14.7			13.6			65
70	14.1	12.4		16.6	13.3		14.3	11.7		14.5			14.2			13.3			70
75	13	11.6	10.2	15.6	12.7		13.6	11.1		14	11.3		13.7			13			75
80	12.1	10.9	9.9	14.7	12.1		12.8	10.6		13.4	10.8		13.2	10.7		12.6	10.5		80
85	11.3	10.3	9.5	13.9	11.5	9.8	12.1	10.1		12.9	10.4		12.8	10.3		12.2	10.1		85
90	10.5	9.7	9.1	13.3	11	9.6	11.4	9.7	8.6	12.3	10		12.3	10		11.9	9.8		90
95	9.9	9.2	8.7	12.6	10.5	9.3	10.9	9.3	8.3	11.7	9.6	8.4	11.8	9.6		11.5	9.4		95
100	9.3	8.7	8.3	12	10.1	9	10.4	8.9	8	11.1	9.2	8.1	11.3	9.2	8.1	11.1	9.1		100
105	8.8	8.2	7.9	11.3	9.7	8.7	9.9	8.5	7.7	10.6	8.9	7.9	10.8	8.9	7.9	10.7	8.8	7.8	105
110	8.2	7.8	7.5	10.7	9.3	8.4	9.4	8.1	7.5	10.2	8.6	7.7	10.3	8.6	7.6	10.3	8.5	7.6	110
115	7.8	7.4	7.2	10.2	8.9	8.2	9	7.8	7.2	9.8	8.2	7.4	9.9	8.3	7.5	9.9	8.3	7.4	115
120	7.3	7	6.9	9.8	8.6	7.9	8.5	7.5	7	9.4	7.9	7.2	9.5	8	7.2	9.5	8	7.2	120
125	7	6.7	6.7	9.3	8.2	7.7	8.1	7.3	6.7	9.1	7.7	7	9.2	7.8	7	9.1	7.8	7	125
130	6.6	6.4	6.5	8.9	7.9	7.4	7.8	7	6.6	8.7	7.4	6.8	8.9	7.5	6.9	8.8	7.5	6.8	130
135	6.2	6.2	6.4	8.5	7.7	7.2	7.5	6.7	6.4	8.3	7.2	6.6	8.6	7.3	6.7	8.5	7.3	6.7	135
140	6	6		8.1	7.4	7.1	7.2	6.4	6.2	7.9	7	6.4	8.3	7.1	6.5	8.3	7.1	6.5	140
145				7.8	7.1	6.9	6.9	6.2	6	7.6	6.7	6.3	7.9	6.9	6.4	8	6.8	6.3	145
150				7.5	6.9	6.7	6.6	6	5.8	7.4	6.5	6.1	7.6	6.7	6.2	7.8	6.7	6.2	150
155				7.2	6.7	6.6	6.3	5.8	5.6	7.1	6.3	6	7.3	6.5	6.1	7.5	6.5	6.1	155
160				6.9	6.5	6.5	6	5.6	5.5	6.9	6.1	5.8	7.1	6.3	5.9	7.2	6.3	5.9	160
165				6.6	6.3	6.4	5.8	5.4	5.4	6.6	5.9	5.7	6.9	6.1	5.8	7	6.2	5.8	165
170				6.4	6.1	6.4	5.6	5.3	5.3	6.4	5.8	5.6	6.6	5.9	5.6	6.7	6	5.7	170
175				6.2	6	6.4	5.4	5.1	5.2	6.1	5.6	5.5	6.4	5.8	5.5	6.5	5.8	5.6	175
180				6	5.9		5.2	5	5.2	5.9	5.4	5.4	6.2	5.6	5.4	6.4	5.7	5.5	180
185				5.8	5.9		5	4.9	5.2	5.7	5.3	5.3	6	5.5	5.4	6.2	5.5	5.4	185
190							4.8	4.8	5.2	5.6	5.2	5.2	5.8	5.3	5.3	6	5.4	5.3	190
195							4.7	4.7		5.4	5.1	5.2	5.6	5.2	5.2	5.8	5.3	5.2	195
200							4.6	4.7		5.2	5	5.1	5.5	5.1	5.1	5.6	5.2	5.1	200
205										5.1	4.8	5.1	5.3	5	5.1	5.5	5.1	5.1	205
210										4.9	4.7	5.1	5.2	4.9	5.1	5.3	5	5	210
215										4.8	4.7	5.1	5	4.8	5	5	4.8	5	215
220										4.7	4.7		4.9	4.7	5	4.8	4.7	5	220
225										4.5	4.6		4.8	4.6	5	4.6	4.6	5	225
230										4.5			4.7	4.6	5	4.4	4.5	4.9	230
235													4.6	4.6		4.2	4.4	4.5	235
240													4.5	4.6		3.9	4.2	4	240
245													4			3.4	3.9	3.6	245
250																3	3.4		250
255																2.6	2.9		255

t_210_95011_01_000

Lifting capacities Forces de levage



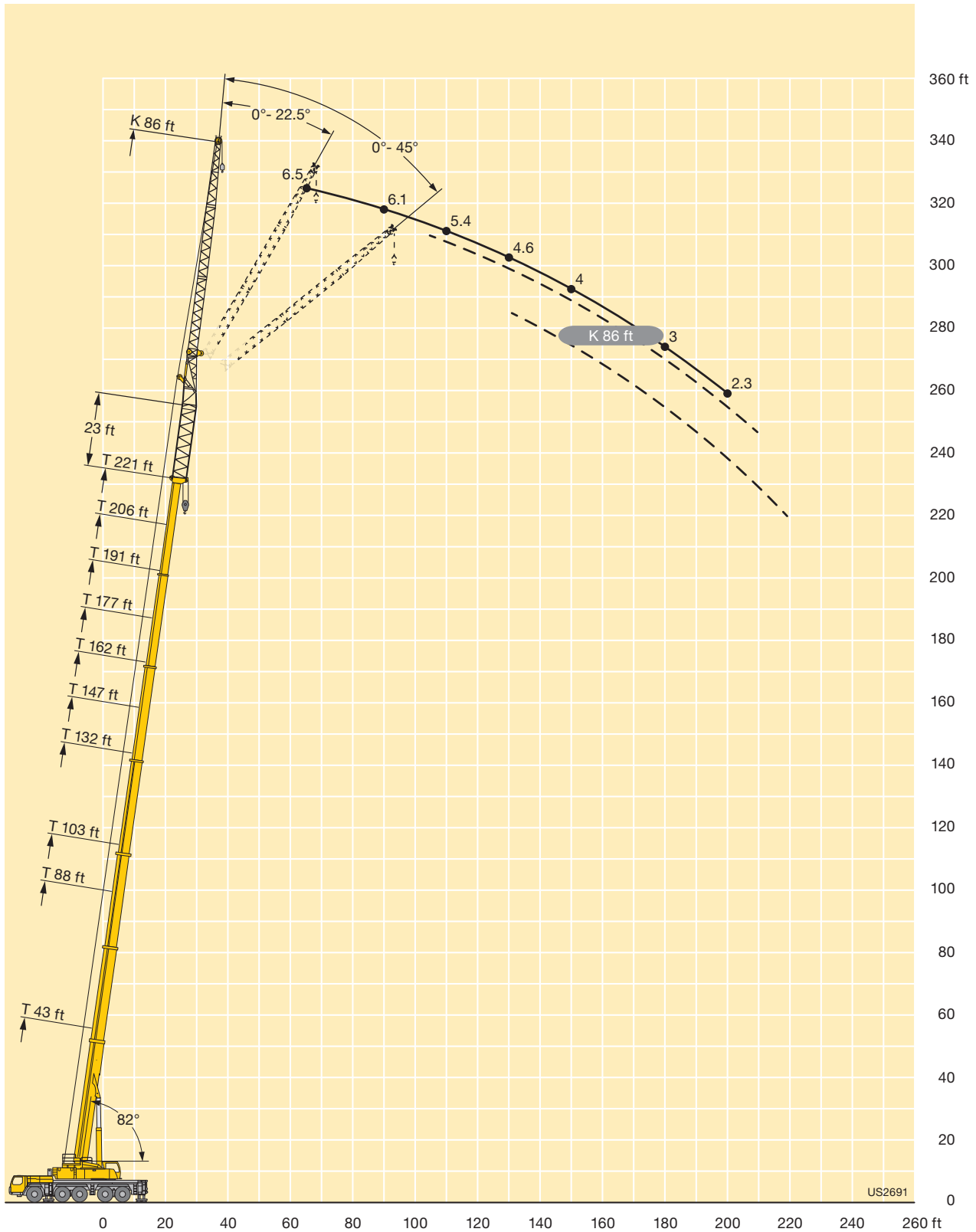
TVNZK

LICCON2



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			ft
	86 ft			86 ft			86 ft			86 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
55	12.2												55
60	12.1			10.4			8.5						60
65	12			10.3			8.4			6.5			65
70	11.9			10.1			8.3			6.4			70
75	11.7			9.9			8.2			6.3			75
80	11.5			9.8			8.1			6.2			80
85	11.2			9.7			8			6.2			85
90	11	9.4		9.6			7.8			6.1			90
95	10.7	9.1		9.5	8.6		7.6			6			95
100	10.5	8.8		9.3	8.4		7.4	7.3		5.8			100
105	10.2	8.6		9.2	8.1		7.2	7.2		5.6	5.4		105
110	9.9	8.3	7.4	9.1	7.9		7	7		5.4	5.2		110
115	9.6	8.1	7.2	8.9	7.7	6.9	6.9	6.8		5.2	5		115
120	9.3	7.8	7	8.6	7.5	6.8	6.7	6.7		5	4.8		120
125	9	7.6	6.9	8.3	7.3	6.7	6.5	6.4	6.1	4.8	4.7		125
130	8.6	7.4	6.7	8	7.1	6.5	6.2	6.2	6	4.6	4.5	4.6	130
135	8.3	7.2	6.6	7.7	6.9	6.4	6	6	5.9	4.5	4.4	4.5	135
140	8.1	7	6.4	7.5	6.7	6.2	5.8	5.8	5.8	4.3	4.2	4.3	140
145	7.8	6.8	6.3	7.2	6.6	6.1	5.6	5.6	5.7	4.1	4	4.2	145
150	7.6	6.6	6.1	6.9	6.4	6	5.3	5.4	5.5	4	3.9	4	150
155	7.4	6.4	6	6.6	6.3	5.9	5.1	5.2	5.4	3.8	3.7	3.9	155
160	7.2	6.3	5.9	6.3	6.1	5.8	4.9	5	5.2	3.6	3.6	3.7	160
165	7	6.1	5.8	6	6	5.6	4.7	4.8	5	3.5	3.5	3.6	165
170	6.7	6	5.6	5.7	5.8	5.5	4.5	4.6	4.9	3.3	3.3	3.5	170
175	6.5	5.8	5.6	5.5	5.6	5.4	4.2	4.4	4.7	3.1	3.2	3.4	175
180	6.3	5.7	5.5	5.2	5.4	5.3	4	4.2	4.5	3	3.1	3.2	180
185	6	5.6	5.4	4.9	5.2	5.2	3.8	4.1	4.3	2.8	3	3.1	185
190	5.7	5.4	5.3	4.6	5	5.1	3.6	3.9	4.1	2.7	2.8	3	190
195	5.4	5.3	5.2	4.3	4.8	4.9	3.4	3.7	4	2.5	2.7	2.9	195
200	5.1	5.1	5.1	4.1	4.6	4.8	3.2	3.5	3.8	2.3	2.6	2.8	200
205	4.8	4.9	4.9	3.8	4.4	4.7	3	3.3	3.6		2.4	2.6	205
210	4.4	4.6	4.8	3.5	4.1	4.5	2.7	3.2	3.4		2.3	2.5	210
215	4.1	4.4	4.7	3.2	3.8	4.2	2.5	3	3.3			2.4	215
220	3.8	4.2	4.6	2.9	3.5	3.9	2.3	2.8	3.1			2.2	220
225	3.5	4	4.3	2.7	3.2	3.5		2.5	2.8				225
230	3.3	3.7	3.9	2.4	2.9	3.2		2.3	2.6				230
235	3	3.4	3.6		2.6	2.9			2.3				235
240	2.8	3.2	3.2		2.3	2.6							240
245	2.5	2.9	2.9			2.2							245
250	2.2	2.6	2.4										250
255		2.3											255

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Lifting capacities Forces de levage



TVNZK



43 - 221 ft
T

23 ft
V

95 ft
NZK

360°

159000 lbs

85%

ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 ft			ft
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
20	16.6																		20
22	17.1																		22
24	17.2																		24
26	17.3																		26
28	17.3			15.7															28
30	17.3			15.7															30
32	17.3			15.8			14.1												32
34	17.3			15.8			14.2												34
36	17.3			15.9			14.2												36
38	17.3			16			14.3												38
40	17.3			15.9			14.3			13.3									40
45	17.1			15.9			14.4			13.4			12.6						45
50	16.4			15.8			14.2			13.5			12.7			11.8			50
55	15.7			15.8			14			13.5			12.8			11.8			55
60	14.9	12.4		15.6			13.8			13.3			12.8			11.9			60
65	14	11.9		15.1			13.7			13.1			12.6			11.9			65
70	13.2	11.4		14.6	11.8		13.2			12.9			12.4			11.7			70
75	12.3	10.9		14	11.4		12.7	10.5		12.7			12.1			11.5			75
80	11.4	10.4		13.4	11		12	10		12.4	10.1		11.9			11.3			80
85	10.7	9.8	8.5	12.9	10.7		11.4	9.6		12	9.7		11.7	9.7		11.1	9.4		85
90	10.1	9.3	8.3	12.3	10.3		10.8	9.2		11.5	9.3		11.3	9.3		10.8	9.1		90
95	9.5	8.8	8	11.8	9.9	8.2	10.2	8.8		11	9		10.9	9		10.6	8.8		95
100	8.9	8.4	7.8	11.2	9.5	8.1	9.8	8.4	7.6	10.5	8.7		10.5	8.7		10.3	8.5		100
105	8.4	7.9	7.6	10.7	9.1	7.9	9.4	8.1	7.3	10	8.3	7.4	10.1	8.4		9.9	8.3		105
110	8	7.5	7.3	10.2	8.7	7.8	9	7.8	7.1	9.6	8	7.2	9.7	8.1	7.2	9.6	8	7.1	110
115	7.5	7.2	7	9.7	8.4	7.6	8.6	7.4	6.8	9.2	7.8	7	9.3	7.8	7	9.3	7.8	6.9	115
120	7.1	6.8	6.7	9.2	8.1	7.4	8.2	7.2	6.6	8.9	7.5	6.8	9	7.6	6.8	8.9	7.5	6.7	120
125	6.7	6.5	6.4	8.8	7.8	7.2	7.7	6.9	6.4	8.6	7.3	6.6	8.6	7.3	6.6	8.6	7.3	6.5	125
130	6.4	6.2	6.2	8.5	7.5	7	7.4	6.6	6.2	8.2	7	6.4	8.4	7.1	6.4	8.3	7.1	6.4	130
135	6.1	5.9	6	8.1	7.2	6.8	7.1	6.4	6	7.9	6.8	6.2	8.1	6.9	6.3	8	6.9	6.2	135
140	5.8	5.7	5.9	7.7	7	6.6	6.8	6.1	5.8	7.6	6.6	6	7.8	6.6	6.1	7.8	6.6	6.1	140
145	5.5	5.5		7.4	6.8	6.4	6.6	5.9	5.6	7.2	6.4	5.9	7.5	6.4	5.9	7.5	6.5	5.9	145
150	5.3	5.4		7.1	6.5	6.3	6.3	5.7	5.5	7	6.2	5.8	7.2	6.3	5.8	7.3	6.3	5.8	150
155				6.8	6.3	6.1	6	5.5	5.3	6.7	6	5.6	7	6.1	5.6	7.1	6.1	5.7	155
160				6.6	6.1	6	5.7	5.3	5.2	6.5	5.8	5.5	6.7	5.9	5.5	6.8	5.9	5.5	160
165				6.3	6	5.9	5.5	5.2	5.1	6.3	5.6	5.3	6.5	5.7	5.4	6.6	5.8	5.4	165
170				6.1	5.8	5.8	5.4	5	4.9	6.1	5.4	5.2	6.3	5.6	5.3	6.4	5.6	5.3	170
175				5.9	5.6	5.8	5.2	4.8	4.9	5.9	5.3	5.1	6.1	5.4	5.2	6.2	5.5	5.2	175
180				5.7	5.5	5.8	5	4.7	4.7	5.6	5.1	5	5.9	5.3	5	6	5.3	5.1	180
185				5.5	5.4	5.8	4.8	4.6	4.7	5.4	5	4.9	5.7	5.1	5	5.8	5.2	5	185
190				5.3	5.3		4.6	4.4	4.7	5.3	4.9	4.8	5.5	5	4.9	5.6	5.1	4.9	190
195				5.2	5.2		4.5	4.3	4.7	5.1	4.7	4.7	5.3	4.9	4.8	5.5	5	4.8	195
200							4.3	4.3		5	4.6	4.7	5.1	4.8	4.7	5.3	4.8	4.8	200
205							4.2	4.2		4.8	4.5	4.6	5	4.6	4.7	5.2	4.8	4.7	205
210							4.1			4.7	4.4	4.6	4.9	4.5	4.6	5	4.7	4.6	210
215										4.5	4.3	4.6	4.8	4.5	4.6	4.8	4.6	4.6	215
220										4.4	4.3	4.6	4.6	4.4	4.6	4.7	4.5	4.5	220
225										4.3	4.2	4.6	4.5	4.3	4.5	4.5	4.4	4.5	225
230										4.2	4.2		4.4	4.2	4.5	4.3	4.3	4.5	230
235										4.1	4.2		4.3	4.2	4.5	4.1	4.2	4.5	235
240										4.1			4.2	4.2	4.5	3.9	4.1	4.3	240
245													4.1	4.1		3.7	4	4	245
250													4	4.1		3.4	3.8	3.7	250
255													2.6			3	3.5	3	255
260																2.6	3.1		260
265																2.2	2.5		265

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Lifting capacities Forces de levage



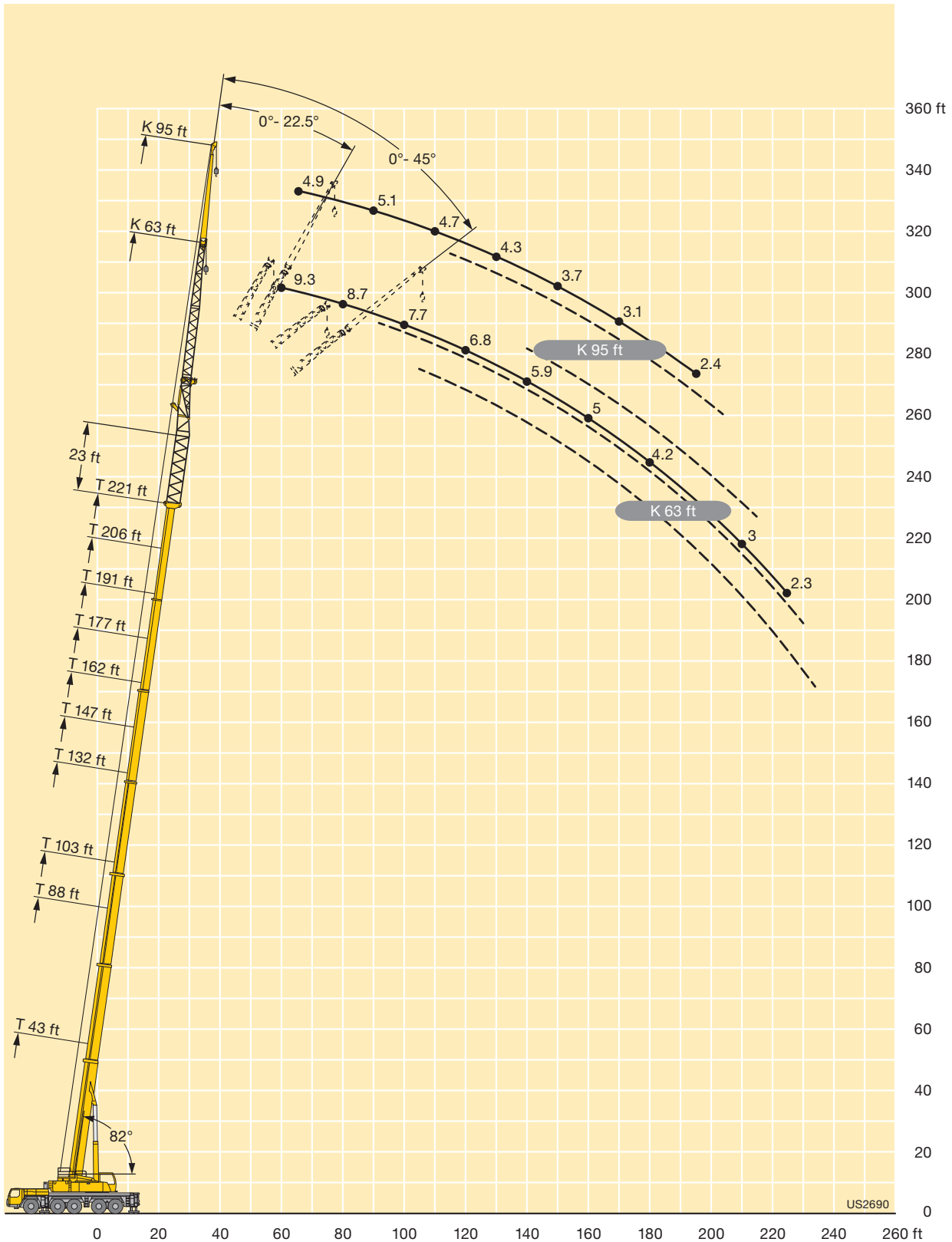
TVNZK

LICCON2



ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			ft
	95 ft			95 ft			95 ft			95 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
55	10.6												55
60	10.6			9.3									60
65	10.5			9.2			7.5			4.9			65
70	10.5			9			7.4			5			70
75	10.4			8.9			7.3			5.1			75
80	10.3			8.8			7.3			5.2			80
85	10.1			8.7			7.2			5.2			85
90	10			8.7			7.1			5.1			90
95	9.8	8.5		8.6			6.9			5			95
100	9.6	8.3		8.5	7.8		6.8			4.9			100
105	9.4	8		8.4	7.6		6.7	6.6		4.8			105
110	9.2	7.7		8.4	7.4		6.5	6.5		4.7			110
115	9	7.5		8.3	7.2		6.4	6.4		4.6	4.8		115
120	8.7	7.3	6.6	8.1	7		6.2	6.3		4.5	4.6		120
125	8.4	7.1	6.4	7.8	6.8	6.2	6.1	6.1		4.4	4.4		125
130	8.1	6.9	6.3	7.6	6.6	6	5.9	5.9	5.4	4.3	4.3		130
135	7.9	6.7	6.1	7.4	6.5	5.9	5.7	5.7	5.3	4.2	4.1		135
140	7.6	6.6	6	7.1	6.3	5.8	5.5	5.5	5.2	4	4	4.1	140
145	7.4	6.4	5.8	6.8	6.1	5.7	5.3	5.3	5.2	3.9	3.8	4	145
150	7.2	6.2	5.7	6.6	6	5.6	5.1	5.2	5.1	3.7	3.7	3.8	150
155	7	6	5.6	6.3	5.8	5.4	4.9	5	5	3.6	3.6	3.7	155
160	6.8	5.9	5.5	6.1	5.7	5.3	4.7	4.8	4.9	3.4	3.4	3.6	160
165	6.6	5.7	5.4	5.8	5.6	5.2	4.5	4.6	4.8	3.3	3.3	3.4	165
170	6.4	5.6	5.2	5.6	5.4	5.1	4.3	4.4	4.7	3.1	3.2	3.3	170
175	6.2	5.4	5.1	5.3	5.3	5.1	4.1	4.3	4.5	3	3.1	3.2	175
180	6	5.3	5	5.1	5.1	5	3.9	4.1	4.4	2.8	3	3.1	180
185	5.8	5.2	5	4.8	4.9	4.9	3.7	3.9	4.2	2.7	2.8	3	185
190	5.6	5.1	4.9	4.6	4.8	4.8	3.5	3.8	4.1	2.5	2.7	2.9	190
195	5.3	4.9	4.8	4.3	4.6	4.7	3.3	3.6	3.9	2.4	2.6	2.8	195
200	5	4.8	4.7	4	4.4	4.6	3.1	3.4	3.7		2.5	2.6	200
205	4.8	4.7	4.6	3.8	4.2	4.5	2.9	3.3	3.6		2.3	2.5	205
210	4.5	4.5	4.6	3.5	4.1	4.4	2.8	3.1	3.4			2.4	210
215	4.2	4.3	4.5	3.3	3.9	4.3	2.6	2.9	3.2			2.3	215
220	3.9	4.1	4.4	3	3.7	4.1	2.3	2.8	3.1				220
225	3.6	4	4.3	2.8	3.4	3.8		2.6	2.9				225
230	3.3	3.8	4.2	2.5	3.1	3.5		2.4	2.7				230
235	3.1	3.6	3.9	2.2	2.9	3.1			2.5				235
240	2.9	3.4	3.5		2.6	2.8			2.2				240
245	2.6	3.1	3.2		2.3	2.5							245
250	2.4	2.8	2.8			2.2							250
255		2.5	2.5										255
260		2.2											260

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Crane carrier

Frame	Self-manufactured, weight-optimized and torsion resistant box-type design of high-tensile structural steel.
Outriggers	4-point supporting system, hydraulically telescopable into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display.
Engine	6-cylinder Diesel, make Liebherr, watercooled, output 370 kW (503 h.p.), max. torque 1737 lbs-ft Nm. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 125 gallons.
Transmission	ZF 12-speed gear box with automatic control system AS-TRONIC. ZF-intarder fitted directly to the gear. Two-stage transfer case with lockable transfer differential.
Axles	Low maintenance carrier axles, all 5 axles steered. Axle 2, 4 and 5 are equipped with planetary gears, all driven axles with transverse differential locks, axle 4 with longitudinal differential lock.
Suspension	All axles are mounted on hydropneumatic suspension – “Niveaumatik suspension” and are lockable hydraulically.
Tyres	10 tyres, size: 445/95 R 25 (16.00 R 25).
Steering	2-circuit system with hydraulic servo steering. Active speed depending rear axle steering, special steering programs for various driving situations.
Brakes	Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Parking brake: Spring brake actuator, acting on the wheels of the 2 nd to 5 th axle. Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear. ABV automatic blocking preventer.
Driver's cab	Spacious and comfortable sheet steel cab mounted on rubber shock absorbers, safety glass windows.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Crane superstructure

Frame	Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim.
Crane engine	4-cylinder Diesel, make Liebherr, watercooled, output 145 kW (197 h.p.), max. torque 679 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 66 gallons.
Crane drive	Diesel-hydraulic, with 5 axial piston variable displacement pumps, with servo-control and capacity control.
Control	Electronic control by the LICCON computer system (PLC control), 2 selfcentering hand control levers (joy-stick type), with winch and slewing gear signal devices. Infinitely variable crane motions.
Hoist gear	Axial piston variable displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake. Actuation by closed regulated oil circuit.
Luffing gear	1 differential ram with nonreturn valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake.
Crane cab	Large screen area, compound glass, comfort furnishing, cabin tiltable 20° to rear.
Safety devices	LICCON2 safe load indicator, test system, hoist limit switch, safety valves to prevent pipe and hose ruptures.
Telescopic boom	1 base section and 6 telescopic sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system TELEMATIK. Boom length 43 ft to 236 ft.
Counterweight	159000 lbs
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.





Additional equipment

Swing-away jib K/NZK	40 ft – 118 ft long, mountable to the telescopic boom at 0°, 22,5° or 45°, integrated erection jib of 18 ft. Hydraulic ram for operating the swing-away jib from 0° – 45° (option).
Telescopic boom extension V	23 ft long lattice section, thus 23 ft higher pinning point for swing-away jib.
2nd hoist gear	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
Tyres	10 tyres, size 525/80 R 25 (20.5 R 25).
Drive 10 x 8	Additional drive of the 1 st axle.





Other items of equipment available on request.

Description of symbols Explication des symboles

General symbols Symboles généraux

	Outriggers Calage		Driving speed Vitesse de translation
	Axle Essieu		Driving speed – Crawl speed Vitesse de translation – Marche lente
	Radius Portée		Gear Vitesse
	Boom length Longueur de la flèche		Hookblock / Capacity Moufle à crochet / Capacité de charge
	Boom position Position de la flèche		Hoist gear Treuil de levage
	Counterweight Contrepoids		Crane carrier Châssis porteur
	Tyres Pneumatiques		Crane superstructure Partie tournante de la grue
	Slewing gear / Working area Mécanisme d'orientation / Plage de travail		Standard Norme
			Gradability Aptitude à gravir les pentes

Crane specific symbols Symboles spécifiques à la grue

	Telescopic boom Flèche télescopique		Hydraulic swing away jib Fléchette pliante hydraulique
	Swing away jib Fléchette pliante		Telescopic boom extension Rallonge flèche télescopique