Mobile Crane
Grue mobile

LTM 1220-5.2

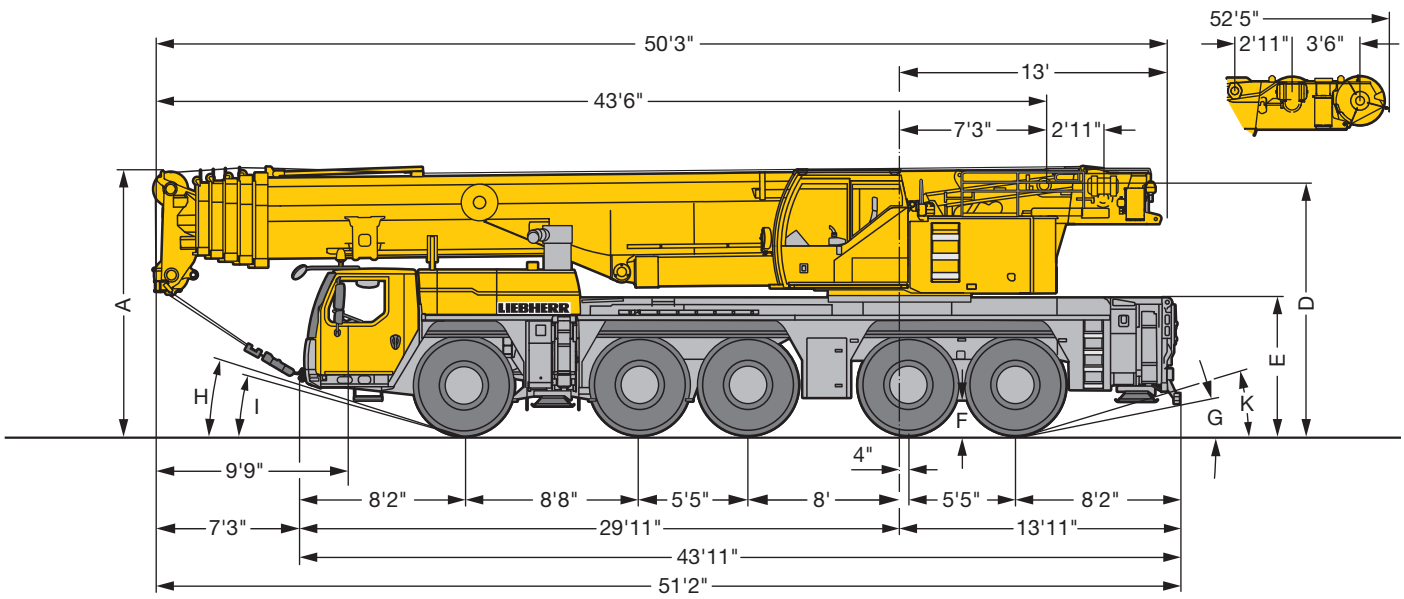
Technical Data
Caractéristiques techniques

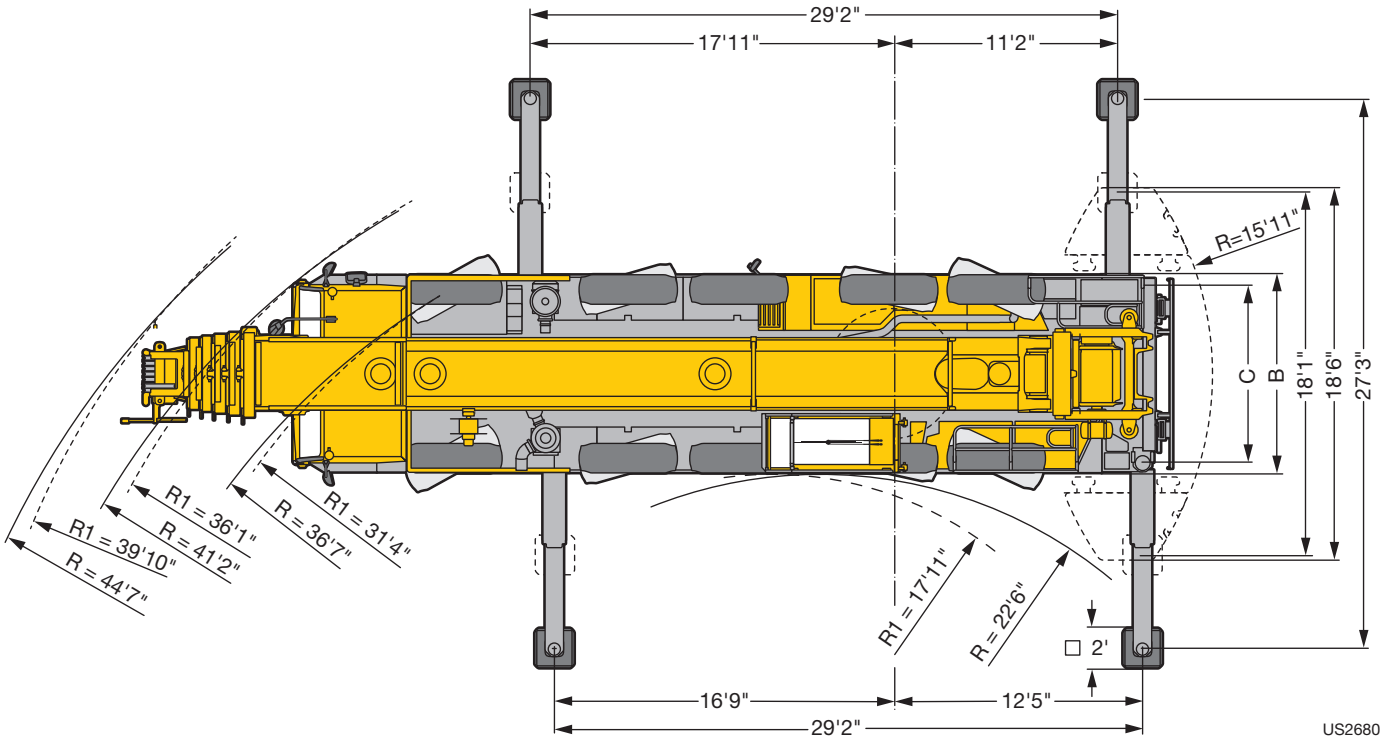
LICCON2

LIEBHERR

Dimensions
Encombrement

LICCON2





R_1 = 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"	6'9"	1'5"	11°	18°	15°	16°
525/80 R 25 (20.5 R 25)	13'1"	12'8"	10'2"	8'5"	12'4"	6'9"	1'5"	11°	18°	15°	16°

* lowered / abaissé

Weights
Poids

LICCON2

Axle Essieu	1	2	3	4	5	Total weight lbs Poids total lbs
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	4400
314.4	7	15	3300
237.4	5	11	2866
155.6	3	7	2292
68.7	1	3	1851
23.1	–	1	1102

Working speeds
Vitesses

		1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	
445/95 R 25 (16.00 R 25) 525/80 R 25 (20.5 R 25)	mph	1.3 – 3.7	4.8	6.2	7.9	10	13	17	21.9	28.3	36.2	46	50	1.4 – 4	5.2	43 %
		0.3 – 0.9	1.2	1.5	1.9	–	–	–	–	–	–	–	–	0.3 – 1	1.2	56 %

Drive Mécanismes	infinitely variable en continu	Rope diameter / Rope length Diamètre du câble / Longueur du câble	Max. single line pull Effort au brin maxi.
1	0 – 426 ft/min single line ft/min au brin simple	0.8" / 1150 ft	23605 lbs
2	0 – 426 ft/min single line ft/min au brin simple	0.8" / 920 ft	23605 lbs
360°	0 – 1.8 rpm		
	approx. 50 seconds to reach 82° boom angle env. 50 s jusqu'à 82°		
	approx. 360 seconds for boom extension from 44 ft – 197 ft env. 360 s pour passer de 44 ft – 197 ft		

Lifting capacities
Forces de levage

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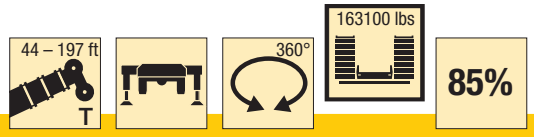

LICCON2

ft	44 ft *	44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	ft
10	533.5	295.4	295.4	295.4										10
11	332.9	295.4	295.4	295.4										11
12	330	295.4	295.4	295.4	266.4									12
13	322.2	295.4	295.4	294.2	293.2									13
14	302	295.4	288.2	282.5	278.1									14
15	283.8	282.8	271.9	265.8	263.3									15
16	268.3	268.3	259.4	253.9	247.8	240.3								16
17	256	256	249.1	242.6	237.3	230.4								17
18	246.3	246.3	239.6	233.4	227.9	221.6								18
19	237.3	237.3	231.2	224.8	219.3	214.1	195							19
20	228.9	228.9	222.9	216.9	211.6	207.2	194.3							20
22	213.1	213.1	208.4	203	197.5	196	187.8	130.7						22
24	198.7	198.7	195.6	190.4	185.3	183.7	177.8	138.6						24
26	185.5	185.5	184.1	179.3	175.6	172.8	168.2	134.1	110.8					26
28	172.4	172.4	173.6	169.4	166.7	163.2	159.4	129.3	110.1					28
30	159.4	159.4	164	160.5	158.4	154.7	150.9	124.4	107.3	90.4				30
32	145.4	145.4	155.2	152.4	150.6	147.1	143.1	119.8	104.3	88.9				32
34	128.8	128.8	146.9	144.9	143.4	139.8	136.2	115.3	100.9	87	72.5			34
36	101.4	101.4	139.1	138.1	136.9	133.5	129.9	110.8	97.6	84.9	71.6			36
38			131.4	131.7	130.9	127.6	124.2	106.3	94.8	82.8	70.2			38
40			123.8	125.7	125.3	122.1	118.7	102	92.3	80.6	68.8	58.6		40
45			104.9	112.2	112.9	110.2	107.1	92.7	86	75.4	65	55.8	47.2	45
50			70.8	99.7	101.9	100.1	97.1	84.3	79.6	70.6	61.3	53	45.2	50
55				88.8	90.2	89	87.6	77.4	73.7	66.2	57.8	50.5	43.1	55
60				74	80	78.9	77.4	71.2	68.3	62	54.6	47.9	41.1	60
65					71.6	70.9	69.1	66.9	63.3	58.1	51.7	45.5	39.3	65
70					64.8	63.9	62.2	63.2	59	54.5	49	43.3	37.4	70
75					53.7	57.9	56.4	58	55	51.2	46.5	41.1	35.7	75
80						52.9	53.4	52.9	51.4	48.2	44.2	39.1	34	80
85						48.6	50.1	48.6	47.1	45.5	42.1	37.3	32.4	85
90						41.2	46.2	44.7	43.2	43.3	40.1	35.5	30.9	90
95							42.8	41.2	40.4	40.5	38.1	34	29.5	95
100							39.2	38.1	38	37.4	36.3	32.5	28.3	100
105							30.5	35.3	36.1	34.6	34.2	31.1	27.1	105
110								32.8	33.5	32	32.2	29.8	25.9	110
115								30.9	31.2	30.5	30	28.5	24.8	115
120								22.2	29.1	28.5	27.8	27.3	23.8	120
125									27.2	27	25.9	25.5	22.8	125
130									24.3	25.4	24.2	23.7	22	130
135									14.3	23.8	23.1	22.1	21.1	135
140										22.3	21.8	20.6	20.2	140
145										19	20.4	19.1	19.2	145
150											19.1	17.9	18.1	150
155											17.9	16.7	16.8	155
160											14	15.6	15.7	160
165												14.5	14.7	165
170												13.2	13.7	170
175												9.1	12.7	175
180													11.8	180
185													9.5	185

* over rear / en arrière

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Lifting capacities
Forces de levage

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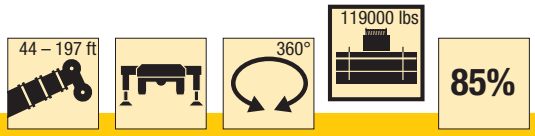

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10	295.4	295.4	295.4										10
11	295.4	295.4	295.4										11
12	295.4	295.4	295.4	266.4									12
13	295.4	295.4	294.2	293.2									13
14	295.4	288.2	282.5	278.1									14
15	282.8	271.9	265.8	263.3									15
16	268.3	259.4	253.9	247.8	240.3								16
17	256	249.1	242.6	237.3	230.4								17
18	246.3	239.6	233.4	227.9	221.6								18
19	237.3	231.2	224.8	219.3	214.1	195							19
20	228.9	222.9	216.9	211.6	207.2	194.3							20
22	213.1	208.4	203	197.5	196	187.8	130.7						22
24	198.7	195.6	190.4	185.3	183.7	177.8	138.6						24
26	185.5	184.1	179.3	175.6	172.8	168.2	134.1	110.8					26
28	172.4	173.6	169.4	166.7	163.2	159.4	129.3	110.1					28
30	159.4	164	160.5	158.4	154.7	150.9	124.4	107.3	90.4				30
32	145.4	154.8	152.4	150.6	146.3	140.4	119.8	104.3	88.9				32
34	128.8	144	144.4	143.4	137.8	130.2	115.3	100.9	87	72.5			34
36	101.4	133.2	133.7	134.5	128.5	121.2	110.8	97.6	84.9	71.6			36
38		123.1	124.8	125.8	119.8	113.4	106.3	94.8	82.8	70.2			38
40		115.6	117.1	117.3	112	106.1	100.6	92.3	80.6	68.8	58.6		40
45		97.8	99.5	99.4	96.4	91.2	86.7	85.7	75.4	65	55.8	47.2	45
50		70.8	85.7	85.7	84	79.3	79.3	75.3	70.6	61.3	53	45.2	50
55			75.1	75.1	74	71.1	70.3	66.6	64.6	57.8	50.5	43.1	55
60			66.4	66.4	65.4	66.4	62.7	60.7	58.8	54.6	47.9	41.1	60
65				59.2	58.5	59.9	56.4	54.5	53	51.2	45.5	39.3	65
70				53.4	54	54.2	51	50.8	48.5	46.7	43.3	37.4	70
75				48.4	50	49.2	47.1	46.4	44.6	42.8	40.9	35.7	75
80					45.6	44.7	43.1	42.4	40.8	39.3	38	34	80
85					41.7	40.7	40.6	39	38.1	36.6	34.7	32.4	85
90					38.3	37.3	37.9	36.2	35.1	34	31.8	30.8	90
95						34.2	34.8	33.7	32.4	31.3	29.2	29	95
100						31.7	32.1	31.4	30	29	26.9	26.8	100
105						30.5	29.7	29.6	28.2	26.8	24.8	24.7	105
110							27.6	27.4	26.5	24.9	22.9	22.8	110
115							25.6	25.5	24.5	23.2	21.1	21	115
120							22.2	23.6	22.7	21.5	19.5	19.4	120
125								22	21	19.9	18.1	18	125
130								20.4	19.4	18.4	16.7	16.6	130
135								14.3	17.9	16.9	15.4	15.4	135
140									16.6	15.5	14.2	14.2	140
145									15.4	14.3	12.9	13.1	145
150										13.2	11.8	12	150
155										12.2	10.7	10.9	155
160										11.2	9.8	9.9	160
165											8.9	9	165
170											8	8.1	170
175											7.3	7.3	175
180												6.6	180
185												5.9	185

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Lifting capacities
Forces de levage

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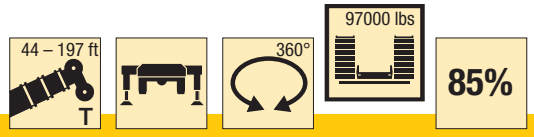
LICCON2



ft	44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	ft
10	295.4	295.4	295.4										10
11	295.4	295.4	295.4										11
12	295.4	295.4	295.4	266.4									12
13	295.4	295.4	294.2	293.2									13
14	295.4	288.2	282.5	278.1									14
15	282.8	271.9	265.8	263.3									15
16	268.3	259.4	253.9	247.8	240.3								16
17	256	249.1	242.6	237.3	230.4								17
18	246.3	239.6	233.4	227.9	221.6								18
19	237.3	231.2	224.8	219.3	214.1	195							19
20	228.9	222.9	216.9	211.6	207.2	194.3							20
22	213.1	208.4	203	197.5	196	187.8	130.7						22
24	198.7	195.6	190.4	185.3	183.7	176.5	138.6						24
26	184.7	184.1	179.3	175.6	171.6	160.6	134.1	110.8					26
28	170	171.8	169.2	164	156	146.2	129.3	110.1					28
30	155.1	157.8	155.4	151.3	142.6	133.8	124.3	107.3	90.4				30
32	140.6	143.4	142.9	138.7	131.5	123.3	116.5	104.3	88.9				32
34	128.1	130.9	133.7	127.8	121.1	114.1	108	100.7	87	72.5			34
36	101.4	122	123.5	118.7	112.8	106.1	100.7	97.4	84.9	71.6			36
38		112.7	114.2	110.5	105	99.1	95.5	92.4	82.8	70.2			38
40		104.5	106.1	103.2	98.1	92.5	91.4	86.8	80.6	68.8	58.6		40
45		88.2	89.9	88.3	84.1	82	79	75.9	72.2	65	55.8	47.2	45
50		70.7	77.3	76.8	73	73.1	69	66.5	64.4	61.1	53	45.2	50
55			67.5	67.6	65.3	64.7	61.7	60.4	58	55.2	50.5	43.1	55
60			59.6	59.6	60.4	57.6	55.2	53.9	51.8	49.7	47.8	41.1	60
65				52.8	54.5	51.8	51.1	48.9	47.1	45.4	43.1	39.3	65
70				47.6	49	46.8	46.4	44.1	42.5	41.2	38.8	37.4	70
75				44.3	44	42.6	42.1	40.9	39.2	37.3	34.9	34.4	75
80					39.7	39.1	38.4	37.5	35.7	33.8	31.6	31.3	80
85					36.1	36.5	35.2	34.3	32.6	30.8	28.6	28.4	85
90					33	33.6	32.4	31.5	29.8	28.1	26	25.8	90
95						30.7	30	29.1	27.4	25.7	23.7	23.5	95
100						28.3	27.7	26.8	25.2	23.6	21.5	21.4	100
105						26.1	25.3	24.7	23.3	21.6	19.6	19.6	105
110							23.3	22.7	21.5	19.9	17.9	17.9	110
115							21.4	20.8	19.8	18.3	16.4	16.3	115
120							19.8	19.1	18.2	16.9	15	14.9	120
125								17.6	16.6	15.5	13.7	13.6	125
130								16.3	15.2	14.2	12.5	12.4	130
135								13.8	13.9	12.9	11.4	11.3	135
140									12.8	11.7	10.3	10.3	140
145									11.7	10.6	9.2	9.4	145
150										9.6	8.2	8.4	150
155										8.7	7.3	7.4	155
160										7.9	6.4	6.6	160
165											5.6	5.8	165
170											4.9	5	170
175											4.3	4.3	175
180												3.6	180
185												3.1	185

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Lifting capacities
Forces de levage

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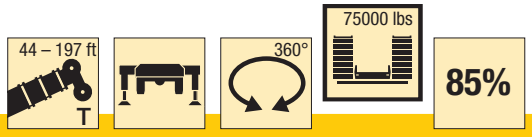

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10	295.4	295.4	295.4										10
11	295.4	295.4	295.4										11
12	295.4	295.4	295.4	266.4									12
13	295.4	295.4	294.2	293.2									13
14	295.4	288.2	282.5	278.1									14
15	282.8	271.9	265.8	263.3									15
16	268.3	259.4	253.9	247.8	240.3								16
17	256	249.1	242.6	237.3	230.4								17
18	246.3	239.6	233.4	227.9	221.6								18
19	237.3	231.2	224.8	219.3	214.1	193.7							19
20	228.9	222.9	216.9	211.6	205.2	190.1							20
22	212.2	208.4	202.2	194.8	186.2	172.3	130.7						22
24	192.7	194.1	185.6	177.3	165.6	154	137.9						24
26	173.7	175.3	165.9	158.6	148.8	138.8	130.2	110.8					26
28	155.3	156.8	151.6	143.9	135	126.1	118.4	110.1					28
30	139.1	141.4	137.6	131	123.2	115.2	110.1	104.2	90.4				30
32	125.7	130	125.8	119.9	113.4	105.9	104.1	98.2	88.9				32
34	114.6	118.7	115.7	110.3	104.3	99.1	96.6	91.3	86.2	72.5			34
36	101.1	109.3	107	102.3	97	94.5	89.9	86	81.5	71.6			36
38		100.8	99.3	95.1	90.1	89	84.3	80.4	76.1	70.2			38
40		93.4	92.5	88.7	84	83.7	79.4	75.5	72.7	68.8	58.6		40
45		78.5	79	75.6	75.1	71.8	68.8	66.8	63.6	60.2	55.8	47.2	45
50		66.3	68	65.3	65.5	62.1	61.3	58.2	55.9	54	50.8	45.2	50
55			58.9	58.2	57.3	54.7	53.8	52.3	49.8	47.3	44.5	42.9	55
60			51.1	52.8	50.7	50.1	47.5	46.3	44.2	41.9	39.2	38.7	60
65				46.4	45.4	44.8	43.1	41.4	39.4	37.3	34.8	34.4	65
70				41.2	40.8	40.3	38.7	37.2	35.2	33.3	31	30.6	70
75				36.8	37	36.6	34.9	33.5	31.7	29.9	27.7	27.4	75
80					33.2	33.3	31.8	30.3	28.7	26.9	24.8	24.6	80
85					30	30.3	29	27.6	26	24.3	22.2	22.1	85
90					27.2	27.4	26.5	25.2	23.6	21.9	19.9	19.8	90
95						24.8	24.2	23.1	21.5	19.9	17.9	17.8	95
100						22.6	22	21.1	19.6	18	16.1	16	100
105						20.7	20	19.3	17.9	16.3	14.4	14.4	105
110							18.2	17.6	16.4	14.8	12.9	12.9	110
115							16.6	16	15	13.5	11.6	11.6	115
120							15.2	14.5	13.5	12.2	10.4	10.4	120
125								13.2	12.2	11.1	9.3	9.2	125
130								12.1	11	9.9	8.2	8.2	130
135								11.1	9.9	8.8	7.3	7.3	135
140									8.9	7.8	6.4	6.4	140
145									8	6.9	5.4	5.6	145
150										6	4.6	4.8	150
155										5.3	3.8	4	155
160										4.6	3.1	3.2	160
165											2.4	2.5	165

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Lifting capacities
Forces de levage

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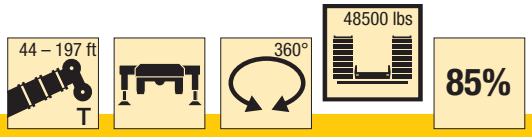

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12	295.4	295.4	295.4	266.4									12
13	295.4	295.4	294.2	293.2									13
14	295.4	288.2	282.5	278.1									14
15	282.8	271.9	265.8	263.3									15
16	268.3	259.4	253.9	247.8	230.1								16
17	256	249.1	242.6	231.6	213.1								17
18	246.3	239.6	231.5	214.8	201.5								18
19	234.5	228.7	216.8	203.2	186.7	170.9							19
20	222.3	217.2	199.8	188.9	174.1	159.7							20
22	197.4	186	177.4	164.5	152.7	140.7	128.5						22
24	171.8	162	155.5	145.5	135.5	125.9	119.6						24
26	151.1	145.2	138.1	129.8	121.4	115.3	109.8	102.5					26
28	133.8	129.6	123.9	117.5	109.8	107.1	100.9	94.9					28
30	119.6	116.7	112.2	106.7	100.8	98.1	92.4	86.9	81.6				30
32	107.6	106.2	102.4	97.3	94.9	90	85.3	81.6	77.2				32
34	97.5	97.1	93.9	89.2	87.9	82.8	80.1	75.9	71.5	67			34
36	88	89.2	86.1	82.4	81.3	76.5	74.4	70.5	67	64			36
38		82	79.8	77.7	75.2	72	69.1	66.5	63.2	59.6			38
40		75.6	74.2	73.2	69.8	68.3	64.6	62.2	59	55.7	52.2		40
45		62.2	62.4	61.7	59.2	58	55.4	52.9	50.2	47.4	44.2	43.3	45
50		51.3	53.2	52.9	51.2	49.8	47.8	45.6	43.2	40.7	37.9	37.3	50
55			45.6	46.1	44.5	43.5	41.7	39.7	37.6	35.3	32.7	32.2	55
60			39	40.5	39.1	38.2	36.6	34.9	32.9	30.9	28.4	28.1	60
65				35.5	34.7	33.9	32.3	30.8	29	27.1	24.8	24.5	65
70				31.3	31	30.2	28.8	27.4	25.7	23.9	21.7	21.5	70
75				27.7	27.7	27.1	25.7	24.4	22.8	21.1	19	18.9	75
80					24.6	24.4	23.1	21.8	20.3	18.6	16.6	16.5	80
85					21.9	22	20.8	19.6	18.1	16.5	14.5	14.5	85
90					19.5	19.8	18.8	17.6	16.1	14.6	12.7	12.7	90
95						17.6	16.9	15.9	14.4	12.9	11	11	95
100						15.8	15.2	14.3	12.8	11.4	9.5	9.5	100
105						14.3	13.5	12.8	11.5	10	8.2	8.2	105
110							12.1	11.5	10.2	8.8	7	7	110
115							10.8	10.2	9.1	7.7	5.9	5.9	115
120							9.7	9	8	6.7	4.9	4.9	120
125								7.9	6.9	5.7	4	4	125
130								7	5.9	4.9	3.1	3.1	130
135								6.3	5	4			135
140									4.2	3.2			140
145									3.5	2.3			145

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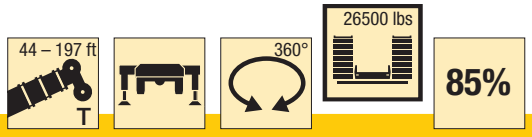
Lifting capacities
Forces de levage

T

LICCON2



ft	44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	ft
10	295.4	295.4	295.4										10
11	295.4	295.4	295.4										11
12	292	293	292.4	242.2									12
13	284.1	283.2	282.1	274.8									13
14	270	270.2	269.5	252.7									14
15	256.5	256.8	254.6	235.2									15
16	242.9	244.2	234.3	211.4	196.1								16
17	229.1	230	214.3	193.3	180.2								17
18	215.2	213.3	194.7	182.1	165.8								18
19	201.3	195.7	179.3	167.5	153.4	139.6							19
20	186.7	178.1	168.1	155.4	142.8	130.3							20
22	157.8	152.1	145.8	135	124.8	116	110.1						22
24	135.3	134.3	127.4	119	110	105.6	98.6						24
26	117.8	118.2	112.6	105.1	99.8	94.8	88.2	82.8					26
28	101.9	104.3	99.6	93.9	91.5	85.1	81.9	76.3					28
30	88.5	92.6	89.1	84.8	82.6	77	74.4	69.9	65.5				30
32	77	82.2	81	79.5	75.3	72.7	68.3	65.1	61.1				32
34	67.7	72.6	73.9	72.4	68.6	66.7	63.2	59.9	56.4	52.8			34
36	60.1	65	67.3	66.5	63.3	61.5	58.3	55.3	52.1	48.7			36
38		58.3	60.9	61.3	59	57	54	51.2	48.3	45.1			38
40		52.7	55.2	56.6	54.6	52.8	50.2	47.6	44.8	41.9	38.7		40
45		41.9	44.4	46.1	45.7	44.4	42.2	40	37.6	35.1	32.2	31.2	45
50		34.1	36.4	38.1	38.4	37.8	36	34.1	32	29.7	27.1	26.3	50
55			30.4	32.1	32.3	32.5	31	29.3	27.4	25.3	22.9	22.3	55
60			25.7	27.3	27.5	27.8	26.8	25.4	23.6	21.7	19.4	18.9	60
65				23.5	23.7	24	23.4	22	20.4	18.6	16.5	16.1	65
70				20.4	20.6	20.8	20.4	19.2	17.7	16	13.9	13.7	70
75				17.8	17.9	18.2	17.7	16.8	15.3	13.7	11.7	11.6	75
80					15.5	15.8	15.3	14.7	13.3	11.7	9.8	9.8	80
85					13.5	13.8	13.3	12.8	11.5	10	8.1	8.2	85
90					11.8	12	11.5	11	9.9	8.5	6.6	6.6	90
95						10.5	10	9.5	8.5	7.1	5.3	5.3	95
100						9.2	8.6	8.1	7.2	5.8	4	4.1	100
105						8	7.4	6.9	6.1	4.7	2.6	2.7	105
110							6.3	5.8	4.9	3.7			110
115							5.4	4.8	3.9				115
120							4.6	4	3				120
125								3.2					125
130								2.5					130

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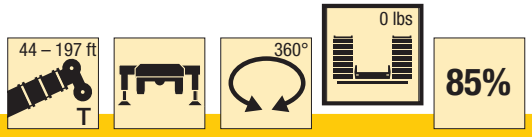
Lifting capacities
Forces de levage

LICCON2



ft	44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	ft
10	295.4	295.4	295.4								10
11	295.4	295.4	295.4								11
12	290.2	291.4	283.4	237							12
13	279.1	279.3	253.4	220.4							13
14	263.6	254.8	224.2	199.6							14
15	246.3	226.1	199	181.7							15
16	223.5	198.6	182.3	163.2	145.9						16
17	196.4	177.8	164	148.5	132.5						17
18	174.3	160.6	148.7	134.9	122.1						18
19	156.8	146.8	135.2	122.1	114.3	104.3					19
20	141.3	132.6	122.5	111.8	106.3	96.3					20
22	115	109.9	103.5	98.7	91.1	85.9	78.8				22
24	95.5	93	89.4	85.5	80.1	75.5	70.3				24
26	81.6	80	77.5	74.8	70.6	66.9	62.5	58.2			26
28	69.2	69.6	68	66.6	62.9	59.8	55.9	52.3			28
30	58.5	61.2	60.3	59.5	56.4	53.8	50.4	47.3	43.8		30
32	50	54.4	54	53.4	51.1	48.7	45.7	42.9	39.7		32
34	43.4	48.2	48.6	48.2	46.1	44.3	41.7	39	36.2	33.2	34
36	38	42.8	43.9	43.9	42.2	40.5	38.1	35.7	33.1	30.3	36
38		38	39.9	40.1	38.5	37.3	35	32.7	30.3	27.6	38
40		33.9	36.4	36.7	35.3	34.2	32.1	30.1	27.8	25.3	40
45		26.1	28.6	29.9	28.9	28.1	26.3	24.6	22.6	20.4	45
50		20.4	22.7	24.5	23.9	23.2	21.8	20.2	18.5	16.5	50
55			18.3	20.1	19.9	19.4	18.1	16.8	15.1	13.3	55
60			14.6	16.5	16.7	16.3	15.1	13.9	12.4	10.7	60
65				13.5	13.8	13.7	12.6	11.5	10	8.4	65
70				11.1	11.3	11.6	10.5	9.4	8	6.5	70
75				9.2	9.3	9.6	8.7	7.7	6.3	4.7	75
80					7.6	7.9	7.1	6.1	4.8	2.9	80
85					6.1	6.4	5.8	4.8	3.1		85
90					5	5.1	4.5	3.3			90
95						4	3.2				95
100						2.9					100

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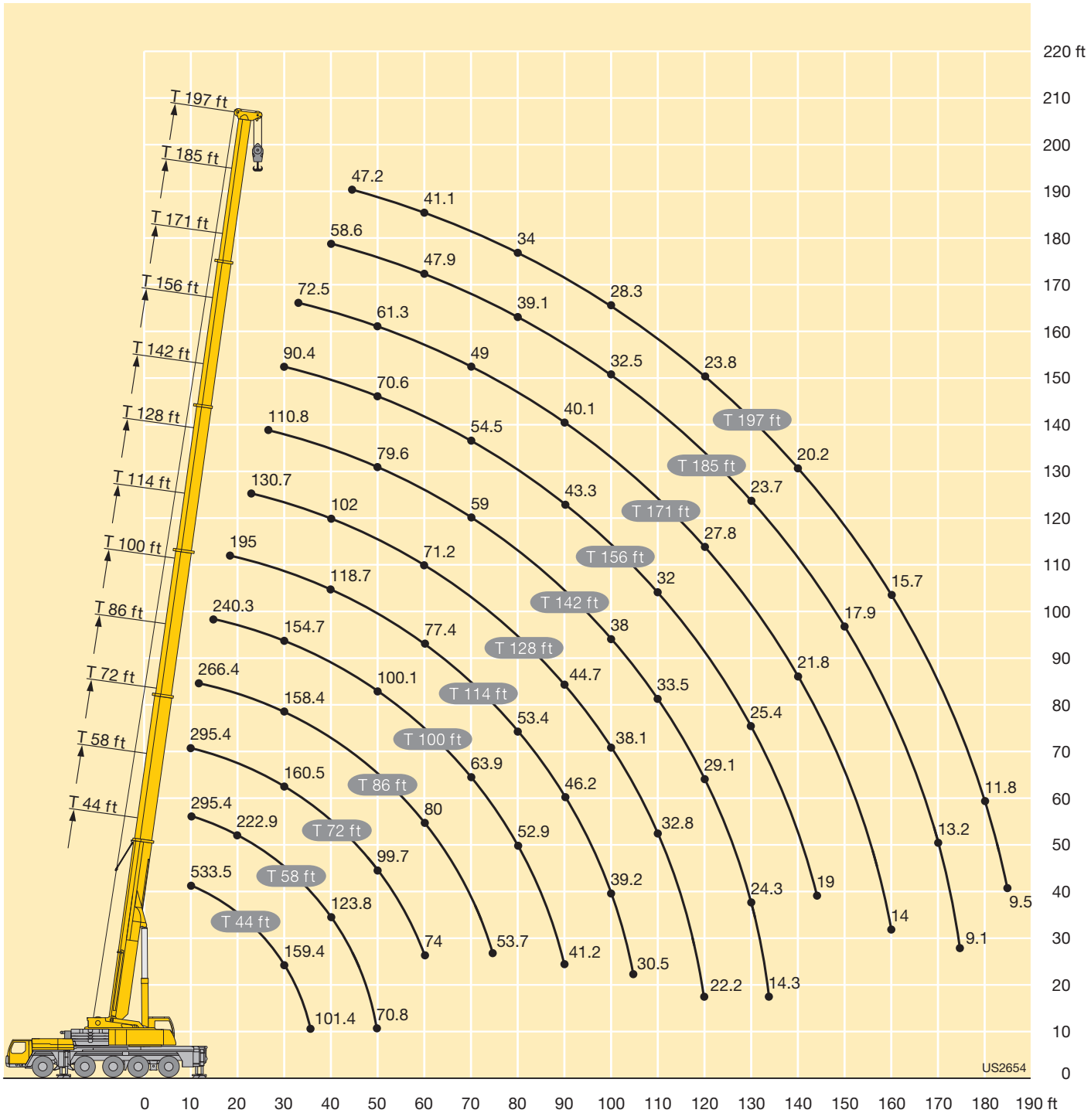
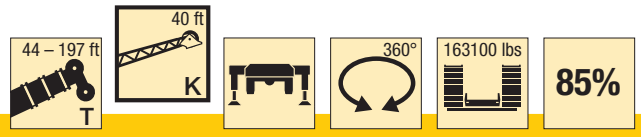
Lifting heights
Hauteurs de levage

LICCON2



Lifting capacities
Forces de levage

TK



LICCON2

ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 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	46.1																		10
11	46.1			46.1															11
12	46.1			46.1															12
13	46.1			46.1			46.1												13
14	46.1			46.1			46.1												14
15	46.1			46.1			46.1			46.1									15
16	46.1			46.1			46.1			46.1									16
17	46.1			46.1			46.1			46.1									17
18	46.1			46.1			46.1			46.1									18
19	46.1			46.1			46.1			46.1			46.1						19
20	46.1			46.1			46.1			46.1			46.1						20
22	46.1	43.3		46.1			46.1			46.1			46.1						22
24	46.1	41.2		46.1	42.7		46.1			46.1			46.1			46.1			24
26	46.1	39.3		46.1	41		46.1			46.1			46.1			46.1			26
28	46.1	37.5		46.1	39.4		46.1	40.2		46.1			46.1			46.1			28
30	46.1	35.9		46.1	37.9		46.1	38.8		46.1			46.1			46.1			30
32	46.1	34.5	25.6	46.1	36.5		46.1	37.5		46.1	38.5		46.1			46.1			32
34	46.1	33.1	25.6	46.1	35.2	25.6	46.1	36.3		46.1	37.3		46.1			46.1			34
36	45.6	31.9	25.6	46.1	33.9	25.6	46.1	35.2		46.1	36.3		46.1	36.7		46.1			36
38	44.3	30.7	25.6	46.1	32.9	25.6	46.1	34.1	25.6	46.1	35.3		46.1	35.8		46.1	36.2		38
40	41.8	29.7	25.6	46	31.9	25.6	46.1	33.1	25.6	46.1	34.3		46.1	34.9		46.1	35.5		40
45	36.6	27.4	24.6	43.2	29.5	25.3	45.6	30.9	25.6	46.1	32.1	25.6	44.7	32.8	25.6	45.5	33.5		45
50	32.4	25.4	23.5	38.4	27.6	24.4	42.1	29	25	45	30.3	25.4	41.3	31	25.6	42.6	31.7	25.6	50
55	29.1	23.7	22.7	34.6	25.9	23.5	38.5	27.4	24.1	41.9	28.7	24.7	38.3	29.4	25	39.7	30.2	25.2	55
60	26.3	22.4	22.1	31.4	24.4	22.8	35.3	25.9	23.4	38.8	27.2	23.9	35.6	28.1	24.3	37.2	28.8	24.6	60
65	24	21.2	21.9	28.7	23.1	22.3	32.5	24.6	22.9	36.1	26	23.3	33.2	26.8	23.7	34.8	27.6	24	65
70	22	20.4	11.5	26.4	22.1	22	30.1	23.5	22.3	33.4	24.8	22.9	31	25.7	23.2	32.8	26.5	23.6	70
75	20.4	20		24.4	21.2	21.9	27.9	22.6	22	31.2	23.8	22.4	29.1	24.8	22.8	30.9	25.6	23.1	75
80				22.7	20.5		26.1	21.7	21.9	29.2	22.9	22.1	27.3	23.9	22.4	29.2	24.7	22.7	80
85				21.3	20.1		24.4	21	21.9	27.4	22.2	21.9	25.7	23	22.2	27.7	23.9	22.4	85
90				20			23	20.4	21.9	25.8	21.5	21.9	24.2	22.3	22	26.2	23.2	22.2	90
95							21.7	20.1		24.4	20.9	21.9	22.9	21.7	21.8	24.9	22.5	22	95
100							20.6	20		23.1	20.4	21.9	21.7	21.1	21.2	23.7	22	21.8	100
105										22	20.1	21.9	20.6	20.3	20.4	22.6	21.4	21.5	105
110										21.1	20		19.6	19.4	19.6	21.5	20.8	20.9	110
115										20.3			18.7	18.5	18.8	20.6	20.1	20.2	115
120													17.8	17.8		19.7	19.4	19.5	120
125													17.1	17.1		18.9	18.7	18.9	125
130													16.4			18.2	18	18.3	130
135																17.5	17.5		135
140																16.9			140
145																16.5			145

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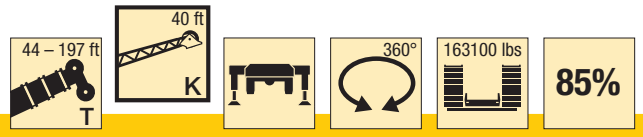
Lifting capacities
Forces de levage

TK



LICCON2

ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 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°	
28	46.1																		28
30	46.1			46.1															30
32	46.1			46.1															32
34	46.1			46.1			45.8												34
36	46.1			46.1			45.6												36
38	46.1			46.1			45.4			39.6									38
40	45.9			46.1			45.2			39.4									40
45	44	33.8		46.1	36.2		44.5			39			33.2						45
50	41.2	32.1		46.1	34.3		43.6	34.7		38.5			32.6			28.3			50
55	38.6	30.6	25.3	45.6	32.7	25.6	42.7	33.1		38	32.7		32.1			27.9			55
60	36.2	29.2	24.8	44.3	31.2	25.4	41.8	31.6	25.5	37.4	31.3		31.6			27.5			60
65	33.9	28.1	24.2	42.8	29.9	25	40.8	30.3	25.2	36.6	30.1	25.1	31.3	29.4		27.1	26.1		65
70	31.8	27	23.8	41.2	28.8	24.4	39.6	29.2	24.7	35.5	29	24.6	30.8	28.4	24.4	26.6	25.9		70
75	30	26.1	23.3	39.3	27.8	23.9	38.3	28.2	24.2	34.1	27.9	24.1	29.9	27.4	24	26.1	25.3		75
80	28.3	25.2	22.9	37.2	26.8	23.5	36.9	27.2	23.7	32.7	27.1	23.7	28.9	26.6	23.6	25.2	24.5	23.2	80
85	26.7	24.4	22.6	35.2	25.9	23.2	35.3	26.4	23.4	31.3	26.3	23.4	27.8	25.9	23.3	24.2	23.6	22.4	85
90	25.2	23.7	22.4	33.4	25.1	22.8	33.6	25.6	23	30	25.5	23.1	26.7	25.2	23	23.3	22.8	21.7	90
95	23.9	23	22.2	31.6	24.4	22.6	32.2	24.9	22.7	28.7	24.9	22.8	25.7	24.5	22.7	22.5	22	21	95
100	22.7	22.1	21.8	30.1	23.7	22.3	30.8	24.2	22.5	27.4	24.3	22.5	24.7	23.7	22.4	21.6	21.3	20.4	100
105	21.5	21.2	21.1	28.7	23.1	22.1	29.4	23.6	22.3	26.3	23.7	22.3	23.7	23	22	20.7	20.5	19.8	105
110	20.4	20.2	20.3	27.3	22.6	22	28.1	23.1	22.1	25.2	23.1	22.2	22.7	22.2	21.5	19.9	19.8	19.2	110
115	19.5	19.3	19.4	26	22.1	21.9	26.9	22.6	22	24.2	22.7	22	21.9	21.5	20.8	19.1	19.1	18.6	115
120	18.6	18.5	18.6	24.8	21.6	21.9	25.7	22.1	21.9	23.2	22.2	21.8	21	20.8	20.2	18.3	18.4	18	120
125	17.8	17.7	17.9	23.8	21.2	21.9	24.6	21.7	21.9	22.2	21.6	21.5	20.2	20	19.6	17.6	17.7	17.5	125
130	17	17	17.1	22.8	20.9	21.9	22.9	21.3	21.9	21.3	21	21	19.4	19.3	19	16.9	17	16.9	130
135	16.2	16.3	16.4	21.8	20.5	21.7	21.2	20.9	21.9	20.5	20.3	20.3	18.7	18.6	18.4	16.2	16.3	16.3	135
140	15.5	15.6	15.8	20.9	20.3	21.1	19.7	20.4	21.4	19.6	19.6	19.6	18	17.9	17.8	15.5	15.7	15.7	140
145	14.9	15		19.7	20	20.1	18.3	19.3	20	18.6	18.9	18.9	17.3	17.3	17.2	14.9	15.1	15.2	145
150	14.3	14.4		18.5	19.1	19.1	17.5	17.9	18.5	17.3	18.1	18.3	16.7	16.7	16.6	14.3	14.5	14.6	150
155	13.8			17.3	17.9	17.7	16.7	16.8	17	16.1	17	17.5	16.1	16.1	16.1	13.8	13.9	14	155
160	12.1			16.2	16.6		16.1	16.2	16.2	15	15.8	16.4	15.5	15.6	15.6	13.2	13.4	13.5	160
165				15.1	15.5		15.3	15.6	15.5	14.4	14.7	15.2	14.4	15	15.1	12.7	12.9	13	165
170				13.7	13.8		14.3	14.8	14.7	13.8	14	14.1	13.4	14.2	14.6	12.2	12.4	12.5	170
175				6.7			13.4	13.8		13.3	13.5	13.5	12.5	13.2	13.7	11.8	11.9	12	175
180							12.6	11.9		12.8	13	13	11.7	12.3	12.7	11.3	11.5	11.6	180
185							10.3	11.5		12.2	12.5		10.9	11.4	11.4	10.6	11.1	11.2	185
190										11.4	11.7		10.1	10.6	10.5	9.9	10.4	10.7	190
195										10.2			9.4	9.8	9.8	9.1	9.7	10	195
200										6.7			8.7	9.1	8.9	8.5	8.9	8.9	200
205													8.1	8.4		7.8	8.3	8.1	205
210													6.6	7.6		7.2	7.6	7.5	210
215													3.4			6.6	7		215
220																5.9			220
225																3.7			225

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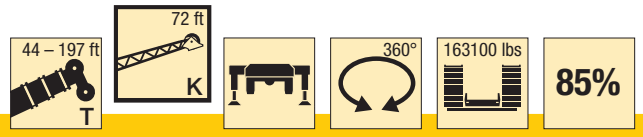
Lifting capacities
Forces de levage

TK



LICCON2

ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 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°	
13	23.2																		13
14	23.2																		14
15	23.2			23.2															15
16	23.2			23.2															16
17	23.2			23.2			23.2												17
18	23.2			23.2			23.2												18
19	23.2			23.2			23.2												19
20	23.2			23.2			23.2			22.8									20
22	23.2			23.2			23.2			22.8									22
24	23.2			23.2			23.2			22.7			21.8						24
26	23.2			23.2			23.1			22.7			21.8			21.2			26
28	23.2			23.2			23.1			22.6			21.8			21.2			28
30	23.2			23.2			22.9			22.5			21.7			21.1			30
32	23.1			23.2			22.7			22.3			21.6			21.1			32
34	23.1			23.1			22.6			22.2			21.5			21			34
36	22.9			22.9			22.4			22.1			21.3			20.9			36
38	22.5			22.6			22.2			21.9			21.2			20.8			38
40	22.1	19.2		22.3			21.9			21.7			21			20.6			40
45	21.1	18.2		21.5	18.3		21.3			21.2			20.6			20.3			45
50	20.1	17.3		20.6	17.5		20.6	17.5		20.6	17.4		20.1			19.9			50
55	19.1	16.4		19.8	16.7		19.9	16.8		20	16.8		19.6	16.7		19.4			55
60	18.1	15.6	13.4	18.9	16		19.2	16.1		19.4	16.2		19.1	16.1		19	16.1		60
65	17.1	14.9	12.9	18	15.3	13	18.4	15.5	13	18.8	15.7		18.6	15.6		18.6	15.6		65
70	16.1	14.2	12.6	17.2	14.7	12.7	17.7	14.9	12.7	18.1	15.2	12.7	18.1	15.2		18.1	15.2		70
75	15.3	13.7	12.2	16.4	14.2	12.4	17	14.4	12.4	17.5	14.7	12.4	17.6	14.7	12.4	17.7	14.8	12.4	75
80	14.4	13.1	11.9	15.6	13.7	12.1	16.3	14	12.2	16.9	14.2	12.2	17.1	14.3	12.2	17.2	14.4	12.2	80
85	13.6	12.7	11.7	14.9	13.2	11.9	15.6	13.5	11.9	16.3	13.8	12	16.5	13.9	12	16.8	14.1	12	85
90	12.6	12.3	11.6	14.2	12.8	11.7	15	13.1	11.7	15.7	13.4	11.8	16	13.6	11.8	16.3	13.7	11.8	90
95	11.8	11.9	11.6	13.5	12.4	11.5	14.4	12.8	11.6	15.1	13.1	11.7	15.5	13.2	11.7	15.8	13.4	11.7	95
100	11.1	11.7	11.6	12.7	12.1	11.5	13.9	12.4	11.5	14.6	12.8	11.5	15	12.9	11.5	15.4	13.1	11.6	100
105	10.4	11.6		12	11.8	11.5	13.3	12.2	11.4	14.1	12.5	11.4	14.5	12.6	11.4	14.9	12.8	11.5	105
110				11.3	11.7	11.5	12.6	11.9	11.4	13.6	12.2	11.4	14.1	12.4	11.4	14.5	12.6	11.4	110
115				10.7	11.6		12	11.7	11.4	13.1	12	11.4	13.6	12.1	11.3	14.1	12.3	11.3	115
120				10.2	11.6		11.4	11.5	11.4	12.6	11.8	11.4	13.2	11.9	11.3	13.7	12.1	11.2	120
125							10.9	11.5	11.4	12	11.6	11.4	12.8	11.8	11.3	13.3	11.9	11.2	125
130							10.4	11.5		11.5	11.5	11.4	12.4	11.6	11.3	13	11.7	11.2	130
135							10	11.5		11	11.4	11.4	12	11.5	11.3	12.6	11.6	11.2	135
140										10.6	11.4	11.4	11.5	11.4	11.3	12.3	11.5	11.2	140
145										10.2	11.4		11.1	11.3	11.3	11.9	11.3	11.2	145
150										9.9			10.7	11.3	11.3	11.5	11.3	11.2	150
155													10.3	11.3		11.1	11.2	11.2	155
160													10.1	11.2		10.8	11.2	11.2	160
165																10.5	11.2	11.2	165
170																10.2	11.2		170
175																10	11.2		175

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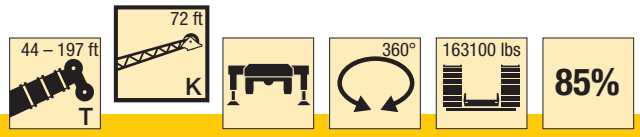
Lifting capacities
Forces de levage

TK



LICCON2

ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 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°	
30	20.3																		30
32	20.3			21															32
34	20.2			21															34
36	20.1			20.9			20.1												36
38	20			20.8			20												38
40	19.9			20.7			19.9			18.6									40
45	19.6			20.4			19.6			18.4			16.9						45
50	19.3			20			19.4			18.2			16.7			15.5			50
55	18.9			19.7			19.1			17.9			16.5			15.4			55
60	18.5	15.8		19.3			18.8			17.7			16.4			15.2			60
65	18.2	15.5		18.9	16		18.4			17.4			16.2			15.1			65
70	17.8	15.1		18.6	15.6		18.1	15.4		17.2			16			14.9			70
75	17.4	14.7		18.2	15.2		17.8	15		16.9	14.6		15.8			14.7			75
80	17	14.3	12.1	17.8	14.8		17.5	14.7		16.6	14.3		15.6	13.6		14.5			80
85	16.6	14	11.9	17.4	14.5	12.1	17.1	14.4	12	16.4	14		15.3	13.4		14.4	12.9		85
90	16.2	13.7	11.8	17	14.2	11.9	16.8	14.1	11.9	16.1	13.7	11.7	15.1	13.2		14.2	12.7		90
95	15.8	13.4	11.7	16.6	13.8	11.8	16.4	13.8	11.7	15.8	13.5	11.6	14.8	13	11.4	14	12.5		95
100	15.4	13.1	11.5	16.2	13.5	11.7	16.1	13.5	11.6	15.5	13.2	11.5	14.6	12.8	11.3	13.8	12.3		100
105	15	12.9	11.4	15.8	13.3	11.5	15.7	13.3	11.5	15.2	13	11.3	14.3	12.6	11.2	13.6	12.2	11	105
110	14.6	12.6	11.3	15.4	13	11.4	15.4	13	11.4	14.9	12.8	11.3	14.1	12.4	11.1	13.4	12	10.9	110
115	14.3	12.4	11.2	15	12.8	11.3	15	12.8	11.3	14.6	12.6	11.2	13.9	12.2	11	13.2	11.8	10.8	115
120	13.9	12.2	11.2	14.7	12.6	11.2	14.6	12.6	11.2	14.3	12.4	11.1	13.6	12.1	10.9	13	11.7	10.8	120
125	13.6	12	11.1	14.3	12.3	11.2	14.3	12.4	11.1	14	12.2	11	13.4	11.9	10.9	12.9	11.6	10.7	125
130	13.2	11.8	11.1	13.9	12.1	11.1	14	12.2	11.1	13.7	12.1	11	13.2	11.8	10.8	12.7	11.5	10.7	130
135	12.9	11.7	11.1	13.6	12	11.1	13.7	12	11	13.5	11.9	10.9	13	11.6	10.8	12.5	11.3	10.7	135
140	12.6	11.5	11.1	13.3	11.8	11.1	13.4	11.8	11	13.2	11.7	10.9	12.8	11.5	10.8	12.3	11.2	10.6	140
145	12.4	11.4	11.1	13	11.6	11.1	13.1	11.7	11	13	11.6	10.9	12.6	11.4	10.7	12.1	11.1	10.6	145
150	12.1	11.3	11.1	12.7	11.5	11.1	12.9	11.5	11	12.8	11.4	10.9	12.4	11.3	10.7	11.8	11	10.6	150
155	11.7	11.2	11.1	12.4	11.4	11.1	12.6	11.4	11	12.5	11.3	10.9	12.2	11.1	10.7	11.6	10.9	10.6	155
160	11.4	11.1	11.1	12.2	11.3	11.1	12.4	11.3	11	12.3	11.2	10.9	12	11.1	10.7	11.3	10.8	10.6	160
165	11	11	11.1	11.9	11.2	11.1	12.1	11.2	11	12.1	11.1	10.9	11.8	11	10.7	10.9	10.7	10.6	165
170	10.6	10.8	11.1	11.7	11.1	11.1	11.9	11.1	11	11.9	11	10.9	11.7	10.9	10.7	10.5	10.6	10.6	170
175	10.3	10.4	10.7	11.3	11.1	11.1	11.7	11	11	11.7	11	10.9	11.5	10.8	10.7	10.1	10.4	10.6	175
180	9.9	10		11	11.1	11.1	11.5	11	11	11.5	10.9	10.9	11.3	10.8	10.7	9.8	10	10.4	180
185	9.6	9.8		10.7	11.1	11.1	11.2	11	11	11.3	10.9	10.9	11.1	10.7	10.7	9.4	9.7	10.1	185
190	9.3			10.4	11.1	10.7	10.9	11	11	10.8	10.9	10.9	10.7	10.6	10.7	9.1	9.4	9.8	190
195				10.2	11.1		10.6	10.9	11	10.1	10.8	10.9	10.4	10.5	10.7	8.7	9	9.4	195
200				9.5			10.4	10.8	9.5	9.7	10.3	10.6	9.7	10.2	10.6	8.4	8.7	9	200
205				7.5			10	10.4	9.1	9.4	9.6	9.9	9	9.8	10.2	8.1	8.4	8.7	205
210							9.4	9.8		9	9.2	9.6	8.3	9.2	9.6	7.8	8.1	8.3	210
215							8			8.8	9	9.2	7.8	8.6	8.8	7.5	7.7	8	215
220							4.2			8.4	8.7		7.2	7.9	8	6.9	7.5	7.7	220
225										7.6	8.3		6.7	7.3	7.3	6.4	7.1	7.4	225
230										5.3			6.2	6.7	6.5	5.8	6.6	6.7	230
235													5.7	6.1		5.4	6	6	235
240													4.8			4.9	5.5		240
245													2.6			4.4	4.9		245
250																4	4.4		250
255																2.5			255

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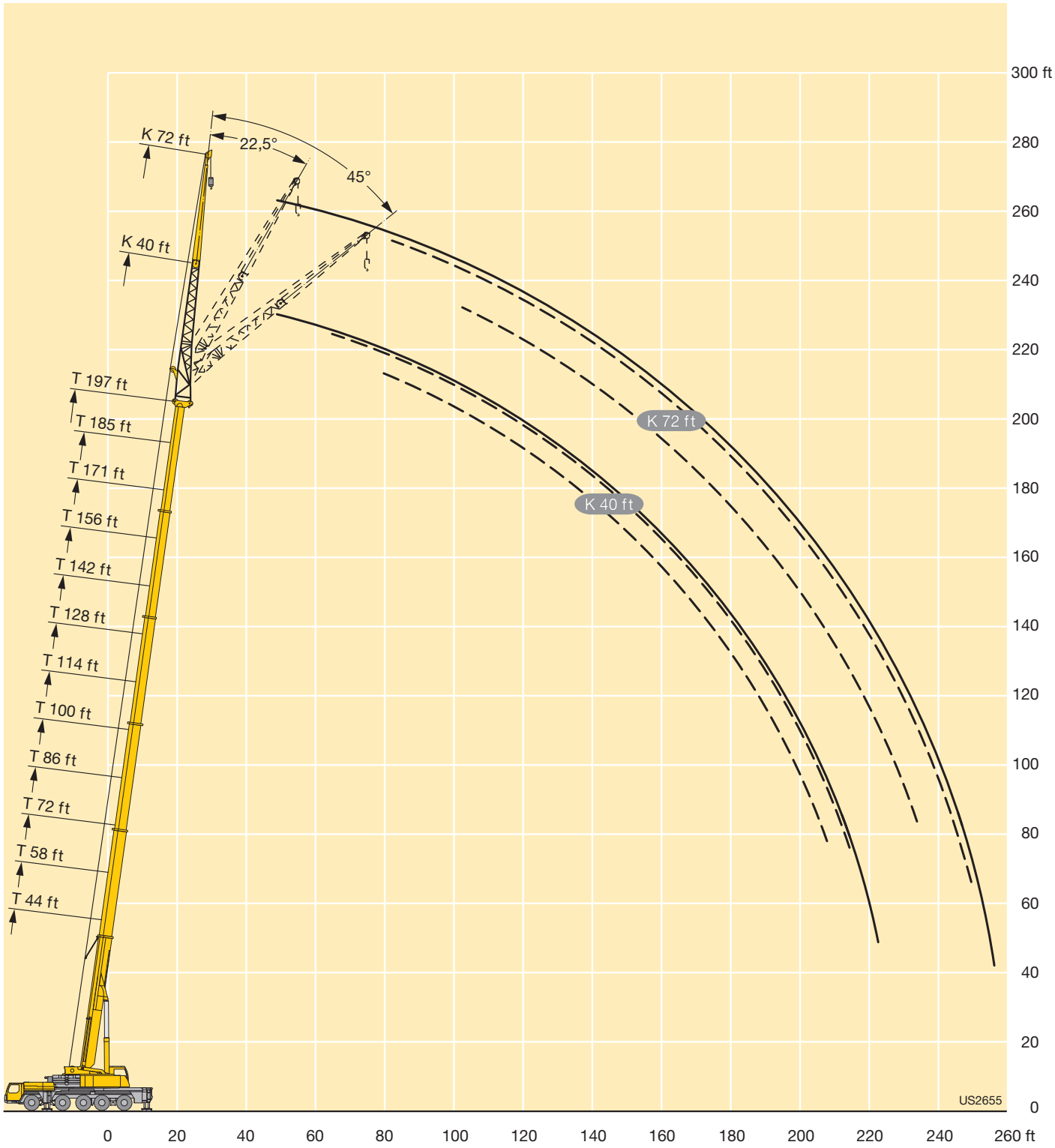
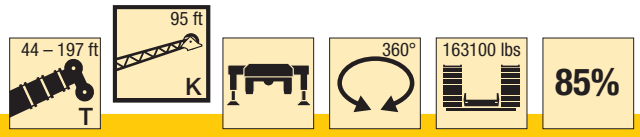

LICCON2
K 72 ft
22,5°
45°
K 40 ft
T 197 ft
T 185 ft
T 171 ft
T 156 ft
T 142 ft
T 128 ft
T 114 ft
T 100 ft
T 86 ft
T 72 ft
T 58 ft
T 44 ft
K 72 ft
K 40 ft
US2655
300 ft
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
0
20
40
60
80
100
120
140
160
180
200
220
240
260 ft

Lifting capacities
Forces de levage

TK



LICCON2

ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 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	19.8																		16
17	19.8																		17
18	19.9																		18
19	19.9			19.2															19
20	19.9			19.2															20
22	19.8			19.2			18.2												22
24	19.8			19.2			18.2												24
26	19.7			19.1			18.2			17.6									26
28	19.6			19.1			18.1			17.5			16.7						28
30	19.5			19			18.1			17.5			16.7						30
32	19.4			18.9			18.1			17.5			16.6			16.1			32
34	19.3			18.8			18			17.4			16.6			16			34
36	19.1			18.7			17.9			17.3			16.5			16			36
38	18.9			18.6			17.8			17.3			16.4			15.9			38
40	18.6			18.4			17.7			17.2			16.4			15.8			40
45	17.8			17.7			17.2			16.9			16.2			15.7			45
50	16.9			17			16.7			16.5			15.9			15.5			50
55	15.9	13.2		16.3	13.2		16.1			16			15.5			15.2			55
60	15	12.4		15.4	12.5		15.4	12.4		15.4			15.1			14.9			60
65	14	11.7		14.6	11.9		14.7	11.8		14.9	11.8		14.6			14.5			65
70	13.2	11.1		13.8	11.3		14.1	11.3		14.3	11.3		14.1	11.2		14.1	11.2		70
75	12.3	10.5		13.1	10.7		13.4	10.8		13.7	10.9		13.6	10.8		13.6	10.8		75
80	11.5	9.9	8.4	12.4	10.2		12.8	10.3		13.1	10.4		13.1	10.4		13.2	10.5		80
85	10.7	9.4	8.1	11.7	9.8	8.1	12.2	9.9	8.1	12.6	10		12.6	10.1		12.7	10.1		85
90	10	9	7.7	11	9.3	7.9	11.6	9.5	7.9	12	9.7	7.9	12.2	9.7		12.3	9.8		90
95	9.3	8.6	7.5	10.4	8.9	7.6	11	9.1	7.6	11.5	9.3	7.7	11.7	9.4	7.6	11.9	9.5	7.6	95
100	8.6	8.2	7.3	9.7	8.6	7.4	10.5	8.8	7.4	11	9	7.5	11.2	9.1	7.5	11.5	9.2	7.5	100
105	8.1	7.8	7.1	9.1	8.2	7.2	9.9	8.5	7.3	10.5	8.7	7.3	10.8	8.8	7.3	11.1	8.9	7.3	105
110	7.5	7.5	6.9	8.6	7.9	7	9.4	8.2	7.1	10	8.4	7.2	10.4	8.5	7.2	10.7	8.6	7.2	110
115	7.1	7.3	6.8	8	7.7	6.9	8.9	7.9	7	9.6	8.2	7	10	8.3	7	10.3	8.4	7.1	115
120	6.6	7	6.8	7.6	7.4	6.8	8.4	7.7	6.9	9.2	7.9	6.9	9.6	8	6.9	9.9	8.2	6.9	120
125	6.2	6.9		7.1	7.1	6.8	7.9	7.4	6.8	8.7	7.7	6.8	9.2	7.8	6.8	9.6	8	6.8	125
130	5.9	6.9		6.8	7	6.8	7.5	7.2	6.7	8.3	7.5	6.7	8.9	7.6	6.7	9.2	7.8	6.7	130
135				6.4	6.9	6.8	7.2	7.1	6.7	7.9	7.3	6.7	8.5	7.4	6.7	8.9	7.6	6.7	135
140				6.1	6.8		6.8	6.9	6.7	7.5	7.1	6.7	8.1	7.2	6.6	8.6	7.4	6.6	140
145				5.8			6.5	6.8	6.7	7.2	7	6.7	7.8	7.1	6.6	8.3	7.2	6.6	145
150							6.2	6.8		6.9	6.8	6.7	7.4	7	6.6	8	7.1	6.5	150
155							5.9			6.6	6.7	6.7	7.1	6.9	6.6	7.7	7	6.5	155
160										6.3	6.7	6.7	6.9	6.7	6.6	7.4	6.9	6.5	160
165										6.1	6.7		6.6	6.7	6.6	7.1	6.7	6.5	165
170										5.9			6.4	6.6	6.6	6.9	6.7	6.5	170
175													6.1	6.6	6.6	6.6	6.6	6.5	175
180													5.9	6.6		6.4	6.6	6.5	180
185													5.8			6.2	6.6	6.5	185
190																6	6.6		190
195																5.8	6.6		195
200																5.8			200

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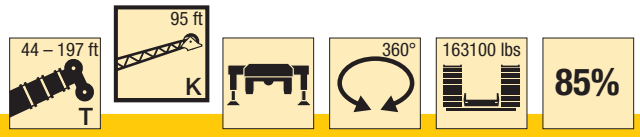
Lifting capacities
Forces de levage

TK



LICCON2

ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 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°	
36	15.2																		36
38	15.2			15.8															38
40	15.1			15.7															40
45	14.9			15.6			14.9			13.7									45
50	14.8			15.4			14.7			13.6			12.3						50
55	14.6			15.3			14.6			13.5			12.2			11.2			55
60	14.4			15.1			14.4			13.4			12.1			11.1			60
65	14.1			14.8			14.3			13.2			12			10.9			65
70	13.7			14.5			14.1			13.1			11.9			10.8			70
75	13.4	10.7		14.1	11.1		13.8			12.9			11.8			10.7			75
80	13	10.4		13.8	10.8		13.4	10.6		12.7			11.6			10.6			80
85	12.6	10		13.4	10.4		13.1	10.3		12.4	10		11.4			10.4			85
90	12.2	9.7		13	10.1		12.7	10		12.1	9.7		11.2			10.3			90
95	11.8	9.4		12.6	9.8		12.4	9.7		11.8	9.5		11	9.1		10.2			95
100	11.5	9.2	7.4	12.2	9.5	7.6	12	9.5		11.5	9.2		10.8	8.9		10	8.5		100
105	11.1	8.9	7.3	11.8	9.3	7.4	11.7	9.2	7.4	11.2	9		10.6	8.7		9.9	8.3		105
110	10.7	8.7	7.2	11.5	9	7.3	11.4	9	7.2	11	8.8	7.1	10.3	8.5		9.7	8.2		110
115	10.4	8.4	7	11.1	8.8	7.2	11.1	8.8	7.1	10.7	8.6	7	10.1	8.3	6.9	9.6	8		115
120	10.1	8.2	6.9	10.8	8.5	7	10.8	8.6	7	10.4	8.4	6.9	9.9	8.1	6.8	9.4	7.9	6.6	120
125	9.7	8	6.8	10.4	8.3	6.9	10.5	8.3	6.9	10.1	8.2	6.8	9.7	7.9	6.7	9.2	7.7	6.6	125
130	9.4	7.8	6.7	10.1	8.1	6.8	10.2	8.2	6.8	9.9	8	6.7	9.5	7.8	6.6	9.1	7.6	6.5	130
135	9.1	7.6	6.7	9.8	7.9	6.8	9.9	8	6.7	9.7	7.8	6.7	9.3	7.6	6.5	8.9	7.5	6.4	135
140	8.8	7.5	6.6	9.5	7.7	6.7	9.6	7.8	6.7	9.4	7.7	6.6	9.1	7.5	6.5	8.7	7.3	6.4	140
145	8.6	7.3	6.5	9.2	7.6	6.6	9.3	7.6	6.6	9.2	7.5	6.5	8.9	7.4	6.4	8.6	7.2	6.3	145
150	8.3	7.2	6.5	8.9	7.4	6.5	9	7.5	6.5	8.9	7.4	6.4	8.7	7.2	6.4	8.4	7.1	6.3	150
155	8.1	7.1	6.5	8.6	7.3	6.5	8.8	7.3	6.5	8.7	7.3	6.4	8.5	7.1	6.3	8.2	7	6.2	155
160	7.8	6.9	6.5	8.4	7.2	6.5	8.5	7.2	6.4	8.5	7.1	6.3	8.3	7	6.3	8.1	6.9	6.2	160
165	7.5	6.8	6.5	8.1	7	6.4	8.3	7.1	6.4	8.3	7	6.3	8.1	6.9	6.2	7.9	6.8	6.2	165
170	7.3	6.7	6.5	7.9	6.9	6.4	8.1	6.9	6.4	8.1	6.9	6.3	7.9	6.8	6.2	7.7	6.7	6.1	170
175	7	6.6	6.5	7.7	6.8	6.4	7.8	6.8	6.4	7.9	6.8	6.3	7.7	6.7	6.2	7.6	6.6	6.1	175
180	6.8	6.6	6.5	7.4	6.7	6.4	7.7	6.7	6.4	7.7	6.7	6.3	7.6	6.6	6.2	7.4	6.5	6.1	180
185	6.6	6.5	6.5	7.2	6.6	6.4	7.5	6.6	6.4	7.5	6.6	6.3	7.4	6.5	6.2	7.3	6.4	6.1	185
190	6.4	6.5	6.5	6.9	6.6	6.4	7.3	6.6	6.4	7.3	6.5	6.3	7.3	6.4	6.2	7.2	6.4	6.1	190
195	6.2	6.5	6.5	6.7	6.5	6.4	7.1	6.5	6.4	7.2	6.5	6.3	7.1	6.4	6.2	7	6.3	6.1	195
200	6	6.5	6.5	6.5	6.4	6.4	6.9	6.4	6.4	7	6.4	6.3	7	6.3	6.2	6.9	6.3	6.1	200
205	5.9	6.5		6.4	6.4	6.4	6.7	6.4	6.4	6.9	6.3	6.3	6.9	6.3	6.2	6.7	6.2	6.1	205
210	5.8			6.2	6.4	6.4	6.5	6.4	6.4	6.7	6.3	6.3	6.7	6.2	6.2	6.6	6.2	6.1	210
215	5.6			6	6.4		6.3	6.4	6.4	6.5	6.3	6.3	6.6	6.2	6.2	6.4	6.1	6.1	215
220				5.9	6.4		6.2	6.4	6.4	6.4	6.3	6.3	6.5	6.2	6.2	6.2	6.1	6.1	220
225				5.7			6	6.4	6.4	6.2	6.3	6.3	6.4	6.2	6.2	6	6	6.1	225
230				2.6			5.9	6.4		6	6.3	6.3	6.2	6.2	6.2	5.7	5.9	6.1	230
235							5.8	6.4		5.9	6.3	6.3	5.8	6.2	6.2	5.5	5.8	6.1	235
240							4.8			5.8	6.3	6.3	5.4	6.1	6.2	5	5.6	5.8	240
245										5.7	6.3		4.9	5.7	5.7	4.5	5.4	5.6	245
250										4.7			4.5	5.2	5.1	4.1	5	5.2	250
255										2.5			4.1	4.7		3.7	4.5	4.6	255
260													3.6	4.1		3.3	4	3.9	260
265													2.3			2.9	3.5		265
270																2.5	3		270
275																1.8			275

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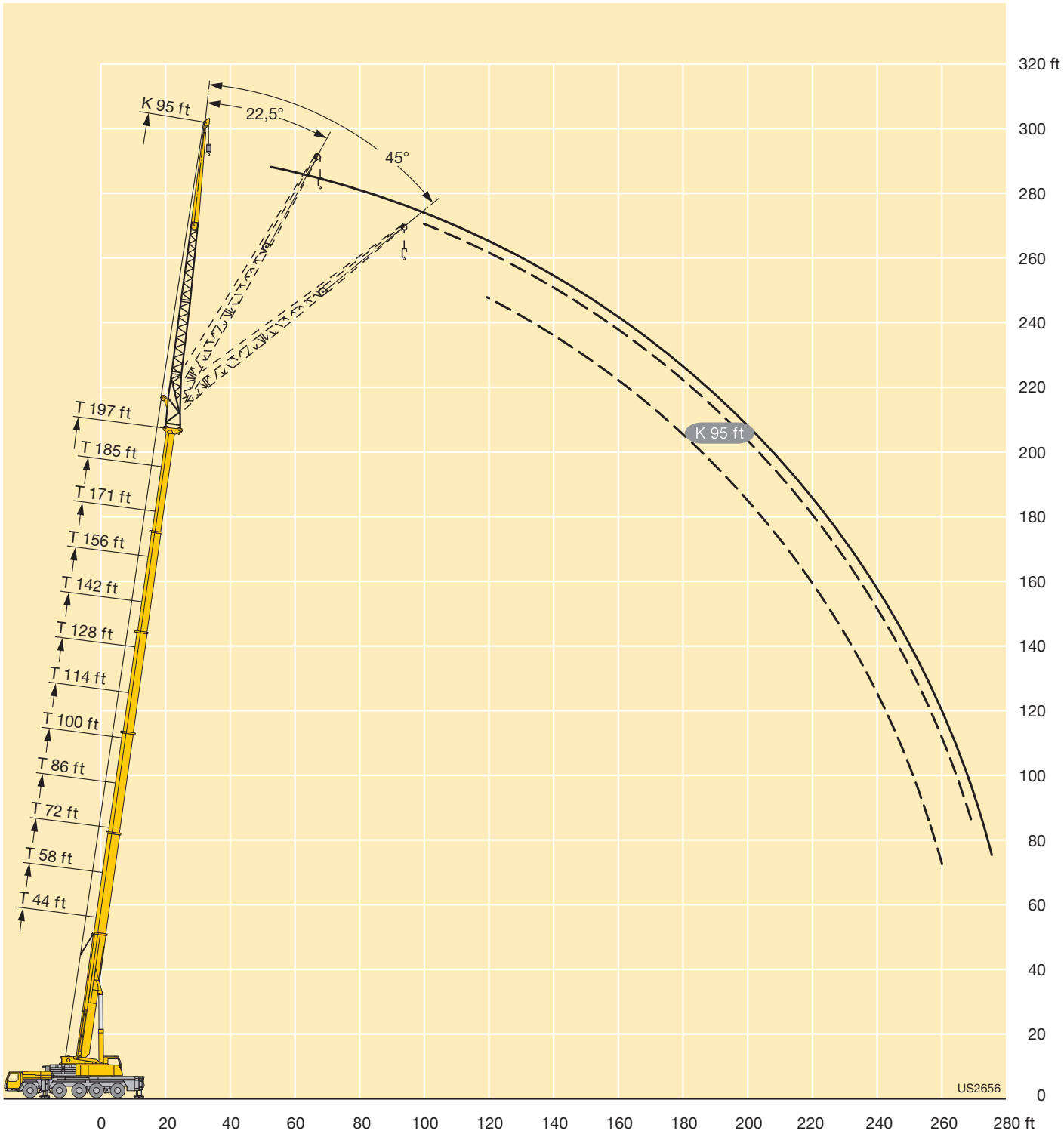
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22,5°
45°
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T 185 ft
T 171 ft
T 156 ft
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T 128 ft
T 114 ft
T 100 ft
T 86 ft
T 72 ft
T 58 ft
T 44 ft
K 95 ft
US2656
320 ft
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
0
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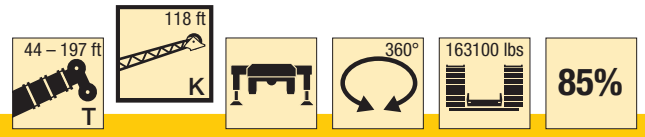
100
120
140
160
180
200
220
240
260
280 ft

Lifting capacities
Forces de levage

TK



LICCON2

ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 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	15																		20
22	15																		22
24	15			14.3															24
26	14.9			14.3			13.5												26
28	14.9			14.3			13.4												28
30	14.8			14.2			13.4			12.9									30
32	14.7			14.2			13.4			12.9									32
34	14.6			14.1			13.3			12.8			12.1						34
36	14.4			14			13.2			12.8			12.1			11.6			36
38	14.3			13.9			13.2			12.7			12			11.6			38
40	14			13.7			13.1			12.6			12			11.5			40
45	13.5			13.3			12.7			12.4			11.8			11.4			45
50	12.8			12.7			12.3			12.1			11.6			11.3			50
55	12.2			12.2			11.9			11.7			11.3			11.1			55
60	11.5			11.6			11.4			11.3			11			10.8			60
65	10.8	8.9		11			11			10.9			10.7			10.5			65
70	10.1	8.3		10.4	8.4		10.5			10.5			10.3			10.2			70
75	9.5	7.8		9.9	7.9		10	7.8		10.1			9.9			9.9			75
80	8.9	7.4		9.3	7.5		9.5	7.5		9.6	7.5		9.5	7.4		9.5			80
85	8.3	7		8.8	7.1		9	7.1		9.2	7.1		9.2	7.1		9.2	7.1		85
90	7.8	6.6		8.3	6.7		8.5	6.8		8.8	6.8		8.8	6.8		8.9	6.8		90
95	7.3	6.2		7.8	6.4		8.1	6.5		8.4	6.5		8.4	6.5		8.5	6.5		95
100	6.8	5.9	5	7.4	6.1	5	7.7	6.2		8	6.3		8.1	6.3		8.2	6.3		100
105	6.4	5.6	4.8	6.9	5.8	4.8	7.3	5.9	4.8	7.6	6		7.8	6		7.9	6.1		105
110	5.9	5.3	4.6	6.5	5.5	4.7	6.9	5.6	4.7	7.2	5.8	4.7	7.4	5.8		7.6	5.8		110
115	5.5	5.1	4.5	6.2	5.3	4.6	6.6	5.4	4.6	6.9	5.5	4.6	7.1	5.6	4.6	7.3	5.6	4.6	115
120	5.2	4.9	4.4	5.8	5.1	4.4	6.2	5.2	4.4	6.6	5.3	4.5	6.8	5.4	4.5	7	5.5	4.4	120
125	4.9	4.7	4.3	5.5	4.9	4.3	5.9	5	4.3	6.3	5.2	4.4	6.5	5.2	4.4	6.7	5.3	4.4	125
130	4.6	4.5	4.2	5.2	4.7	4.2	5.6	4.9	4.2	6	5	4.3	6.2	5.1	4.3	6.5	5.1	4.3	130
135	4.3	4.4	4.1	4.9	4.6	4.1	5.3	4.7	4.2	5.7	4.8	4.2	6	4.9	4.2	6.2	5	4.2	135
140	4.1	4.2	4.1	4.6	4.4	4.1	5.1	4.6	4.1	5.5	4.7	4.1	5.7	4.8	4.1	6	4.8	4.1	140
145	3.9	4.1	4.1	4.4	4.3	4	4.8	4.4	4	5.2	4.6	4.1	5.5	4.6	4.1	5.7	4.7	4.1	145
150	3.7	4.1		4.2	4.2	4	4.6	4.3	4	5	4.4	4	5.3	4.5	4	5.5	4.6	4	150
155				4	4.1		4.4	4.2	4	4.8	4.3	4	5.1	4.4	4	5.3	4.5	4	155
160				3.8	4.1		4.2	4.1	4	4.6	4.2	4	4.9	4.3	3.9	5.2	4.4	3.9	160
165				3.7	4.1		4	4.1	4	4.4	4.1	4	4.7	4.2	3.9	5	4.3	3.9	165
170							3.9	4		4.2	4.1	4	4.6	4.1	3.9	4.8	4.2	3.9	170
175							3.7	4		4.1	4	4	4.4	4.1	3.9	4.7	4.1	3.9	175
180							3.6			3.9	4	4	4.2	4	3.9	4.5	4.1	3.9	180
185										3.8	4		4.1	4	3.9	4.4	4	3.9	185
190										3.7	4		3.9	3.9	3.9	4.2	3.9	3.9	190
195										3.6			3.8	3.9		4.1	3.9	3.9	195
200													3.7	3.9		3.9	3.9	3.9	200
205													3.6			3.8	3.9	3.9	205
210													3.6			3.7	3.9		210
215																3.6	3.9		215
220																3.6	3.9		220
225																2.8			225

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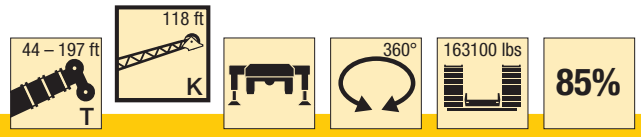
Lifting capacities
Forces de levage

TK



LICCON2

ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 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°	
40	11																		40
45	10.9			11.4															45
50	10.7			11.3			10.7												50
55	10.6			11.1			10.6			9.8									55
60	10.4			11			10.5			9.7			8.7						60
65	10.2			10.7			10.3			9.5			8.6			7.8			65
70	9.9			10.5			10.1			9.4			8.5			7.7			70
75	9.6			10.2			9.9			9.2			8.3			7.6			75
80	9.3			9.9			9.6			9			8.2			7.5			80
85	9			9.6			9.4			8.8			8			7.3			85
90	8.7	6.7		9.3	7		9.1			8.6			7.9			7.2			90
95	8.4	6.5		9	6.7		8.8	6.7		8.4			7.7			7.1			95
100	8.2	6.2		8.7	6.5		8.6	6.4		8.1	6.2		7.5			7			100
105	7.9	6		8.4	6.3		8.3	6.2		7.9	6		7.4	5.7		6.8			105
110	7.6	5.8		8.1	6.1		8	6		7.7	5.8		7.2	5.6		6.7	5.4		110
115	7.3	5.6		7.8	5.9		7.8	5.8		7.5	5.7		7	5.4		6.5	5.2		115
120	7	5.5	4.4	7.6	5.7	4.5	7.5	5.7		7.3	5.5		6.8	5.3		6.4	5.1		120
125	6.8	5.3	4.3	7.3	5.5	4.4	7.3	5.5	4.4	7	5.4		6.6	5.2		6.3	5		125
130	6.5	5.1	4.3	7	5.4	4.3	7	5.3	4.3	6.8	5.2	4.2	6.5	5.1		6.1	4.9		130
135	6.3	5	4.2	6.8	5.2	4.3	6.8	5.2	4.2	6.6	5.1	4.1	6.3	4.9	4	6	4.8		135
140	6.1	4.9	4.1	6.5	5.1	4.2	6.6	5	4.2	6.4	5	4.1	6.1	4.8	4	5.9	4.7	3.9	140
145	5.9	4.8	4.1	6.3	4.9	4.1	6.4	4.9	4.1	6.2	4.9	4	6	4.7	4	5.7	4.6	3.9	145
150	5.6	4.6	4	6.1	4.8	4	6.2	4.8	4	6.1	4.8	4	5.8	4.6	3.9	5.6	4.5	3.8	150
155	5.5	4.5	3.9	5.9	4.7	4	6	4.7	4	5.9	4.7	3.9	5.7	4.5	3.8	5.4	4.4	3.8	155
160	5.3	4.4	3.9	5.7	4.6	3.9	5.8	4.6	3.9	5.7	4.6	3.9	5.5	4.4	3.8	5.3	4.4	3.8	160
165	5.1	4.3	3.9	5.5	4.5	3.9	5.6	4.5	3.9	5.5	4.5	3.8	5.4	4.4	3.8	5.2	4.3	3.7	165
170	5	4.2	3.8	5.3	4.4	3.9	5.4	4.4	3.8	5.4	4.4	3.8	5.2	4.3	3.7	5.1	4.2	3.7	170
175	4.8	4.2	3.8	5.1	4.3	3.8	5.2	4.3	3.8	5.2	4.3	3.8	5.1	4.2	3.7	5	4.1	3.7	175
180	4.7	4.1	3.8	5	4.2	3.8	5.1	4.3	3.8	5.1	4.2	3.7	4.9	4.2	3.7	4.9	4	3.6	180
185	4.6	4	3.8	4.8	4.2	3.8	4.9	4.2	3.7	4.9	4.2	3.7	4.8	4.1	3.7	4.7	4	3.6	185
190	4.4	4	3.8	4.7	4.1	3.8	4.8	4.1	3.7	4.8	4.1	3.7	4.7	4	3.6	4.6	3.9	3.6	190
195	4.3	3.9	3.8	4.6	4	3.8	4.7	4	3.7	4.7	4	3.7	4.6	3.9	3.6	4.6	3.9	3.6	195
200	4.2	3.9	3.8	4.5	3.9	3.8	4.6	4	3.7	4.6	3.9	3.7	4.5	3.9	3.6	4.5	3.8	3.6	200
205	4	3.8	3.8	4.4	3.9	3.8	4.5	3.9	3.7	4.5	3.9	3.7	4.4	3.8	3.6	4.4	3.8	3.6	205
210	3.9	3.8	3.8	4.3	3.9	3.8	4.4	3.9	3.7	4.4	3.8	3.7	4.3	3.8	3.6	4.3	3.7	3.6	210
215	3.8	3.8	3.8	4.1	3.8	3.8	4.3	3.8	3.7	4.3	3.8	3.7	4.2	3.7	3.6	4.2	3.7	3.6	215
220	3.7	3.8		4	3.8	3.8	4.2	3.8	3.7	4.2	3.7	3.7	4.2	3.7	3.6	4.1	3.6	3.6	220
225	3.6	3.8		3.9	3.8	3.8	4.1	3.7	3.7	4.1	3.7	3.7	4.1	3.7	3.6	4	3.6	3.6	225
230	3.6	3.8		3.8	3.8	3.8	4	3.7	3.7	4	3.7	3.7	4	3.6	3.6	4	3.6	3.6	230
235	3.5			3.7	3.8		3.9	3.7	3.7	4	3.7	3.7	4	3.6	3.6	3.9	3.5	3.6	235
240				3.6	3.8		3.8	3.7	3.7	3.9	3.6	3.7	3.9	3.6	3.6	3.9	3.5	3.6	240
245				3.6			3.7	3.7		3.8	3.6	3.7	3.8	3.6	3.6	3.8	3.5	3.6	245
250				3.5			3.6	3.7		3.7	3.6	3.7	3.8	3.6	3.6	3.7	3.5	3.6	250
255							3.6	3.7		3.7	3.6	3.7	3.7	3.6	3.6	3.6	3.5	3.6	255
260							3.5			3.6	3.6	3.7	3.6	3.6	3.6	3.3	3.5	3.6	260
265							1.9			3.5	3.6		3.3	3.6	3.6	2.9	3.5	3.6	265
270										3.5	3.6		2.9	3.6	3.5	2.5	3.4	3.6	270
275										2.3			2.5	3.3		2.1	3.1	3.3	275
280													2.2	2.8		1.8	2.6	2.7	280
285													1.5			1.5			285

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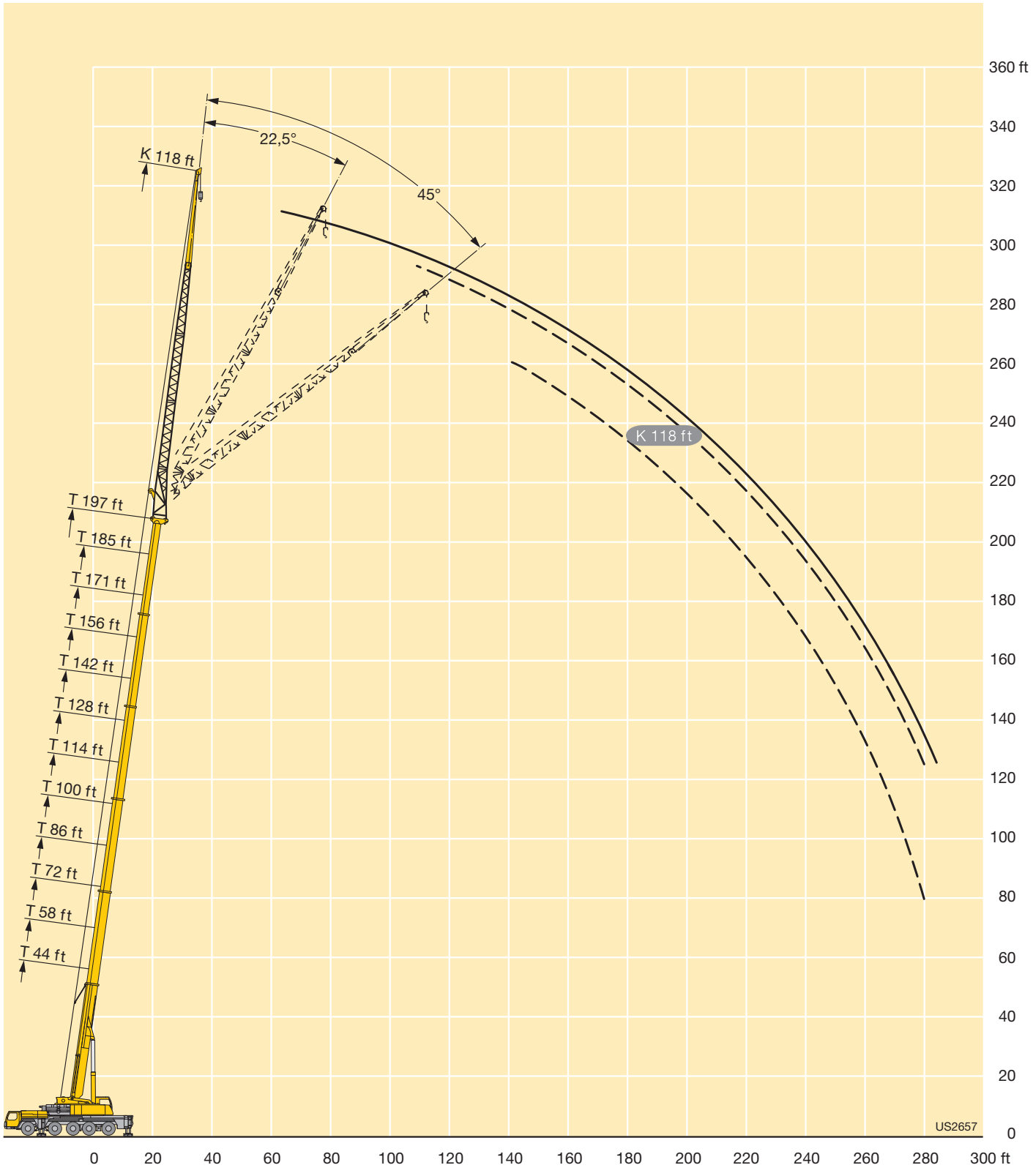
22,5°
45°
K 118 ft
T 197 ft
T 185 ft
T 171 ft
T 156 ft
T 142 ft
T 128 ft
T 114 ft
T 100 ft
T 86 ft
T 72 ft
T 58 ft
T 44 ft
K 118 ft
US2657
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300 ft
360 ft
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0

Lifting capacities
Forces de levage

TNZK

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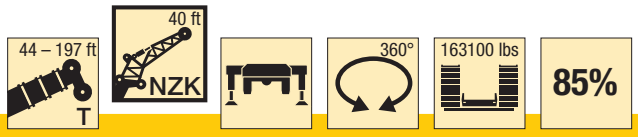

ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
10	46.1																		10
11	46.1			46.1															11
12	46.1			46.1															12
13	46.1			46.1			46.1												13
14	46.1			46.1			46.1												14
15	46.1			46.1			46.1												15
16	46.1			46.1			46.1			46.1									16
17	46.1			46.1			46.1			46.1									17
18	46.1			46.1			46.1			46.1									18
19	46.1			46.1			46.1			46.1									19
20	46.1			46.1			46.1			46.1			46.1						20
22	46.1	42.8		46.1			46.1			46.1			46.1						22
24	46.1	40.7		46.1	42.1		46.1			46.1			46.1			46.1			24
26	46.1	38.8		46.1	40.4		46.1			46.1			46.1			46.1			26
28	46.1	37		46.1	38.8		46.1	39.6		46.1			46.1			46.1			28
30	46.1	35.5		46.1	37.4		46.1	38.2		46.1			46.1			46.1			30
32	46.1	34.1	25.6	46.1	36		46.1	37		46.1	37.9		46.1			46.1			32
34	46.1	32.8	25.6	46.1	34.8		46.1	35.8		46.1	36.8		46.1			46.1			34
36	45.5	31.6	25.6	46.1	33.6	25.6	46.1	34.7		46.1	35.8		46.1	36.2		46.1			36
38	43.7	30.5	25.6	46.1	32.5	25.6	46.1	33.7	25.6	46.1	34.8		46.1	35.3		46.1	35.6		38
40	41.3	29.4	25.5	45.9	31.5	25.6	46.1	32.7	25.6	46.1	33.9		46.1	34.4		46.1	35		40
45	36.2	27.2	24.4	42.6	29.2	25.3	45.2	30.6	25.5	46	31.8	25.5	44.2	32.4	25.6	45.2	33.1		45
50	32.2	25.3	23.4	38	27.3	24.2	41.7	28.7	24.8	44.7	29.9	25.3	40.8	30.6	25.5	42.1	31.3	25.6	50
55	28.9	23.6	22.6	34.3	25.7	23.4	38.1	27.1	24	41.4	28.4	24.5	37.8	29.1	24.8	39.3	29.8	25.1	55
60	26.2	22.3	22	31.1	24.3	22.7	35	25.7	23.3	38.4	26.9	23.8	35.1	27.8	24.1	36.7	28.5	24.4	60
65	23.9	21.2	21.9	28.5	23	22.2	32.2	24.5	22.7	35.7	25.7	23.2	32.8	26.5	23.6	34.3	27.4	23.9	65
70	22	20.3	11.4	26.2	22	21.9	29.8	23.4	22.3	33.1	24.6	22.8	30.6	25.5	23.1	32.4	26.3	23.4	70
75	20.4	20		24.3	21.1	21.9	27.7	22.5	22	30.9	23.7	22.4	28.7	24.5	22.7	30.5	25.3	23	75
80				22.6	20.4		25.9	21.6	21.9	28.9	22.8	22.1	26.9	23.7	22.3	28.8	24.5	22.6	80
85				21.2	20.1		24.3	21	21.9	27.2	22.1	21.9	25.3	22.9	22.1	27.2	23.7	22.4	85
90				20			22.9	20.4	21.9	25.7	21.4	21.9	23.8	22.2	21.9	25.8	23	22.1	90
95							21.7	20.1		24.3	20.8	21.9	22.5	21.6	21.8	24.5	22.4	22	95
100							20.6	20		23	20.4	21.9	21.3	20.8	21	23.3	21.8	21.7	100
105										22	20.1	21.9	20.2	20	20.1	22.2	21.3	21.2	105
110										21	20		19.2	19	19.3	21.2	20.5	20.5	110
115										20.2			18.3	18.2	18.4	20.2	19.8	19.8	115
120													17.4	17.4		19.3	19	19.2	120
125													16.7	16.7		18.5	18.3	18.5	125
130													16			17.8	17.6	17.9	130
135																17.1	17.1		135
140																16.6			140
145																16.1			145

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Lifting capacities
Forces de levage

TNZK

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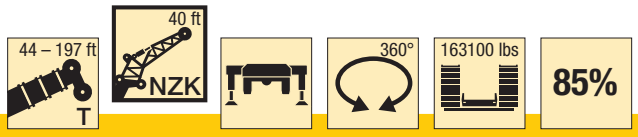

ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 ft			ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
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28	46.1																		28
30	46.1			46.1															30
32	46.1			46.1															32
34	46.1			46.1			45.5												34
36	46.1			46.1			45.3												36
38	46.1			46.1			45.1												38
40	46.1			46.1			44.9			39.2									40
45	43.5	33.3		46.1	35.7		44.2			38.8			32.9						45
50	40.8	31.7		46.1	33.9		43.3	34.2		38.3			32.4			28			50
55	38.2	30.2	25.2	45.3	32.2	25.6	42.3	32.6		37.7	32.3		31.8			27.6			55
60	35.7	28.9	24.6	43.9	30.8	25.3	41.4	31.2	25.4	37.1	30.9		31.4			27.2			60
65	33.5	27.8	24.1	42.4	29.6	24.8	40.4	30	25	36.3	29.7	24.9	31	29.1		26.8			65
70	31.4	26.8	23.6	40.7	28.5	24.2	39.3	28.9	24.4	35.1	28.6	24.4	30.6	28.1	24.2	26.3	25.5		70
75	29.6	25.8	23.2	38.8	27.5	23.8	37.9	27.9	24	33.7	27.6	24	29.6	27.2	23.8	25.7	25		75
80	27.9	25	22.8	36.7	26.5	23.4	36.5	27	23.6	32.3	26.8	23.6	28.5	26.3	23.5	24.7	24.1	22.9	80
85	26.3	24.2	22.5	34.8	25.7	23	34.9	26.1	23.2	30.9	26	23.2	27.4	25.6	23.1	23.8	23.3	22.2	85
90	24.8	23.6	22.3	33	24.9	22.7	33.2	25.4	22.9	29.5	25.3	22.9	26.3	24.9	22.9	22.9	22.5	21.4	90
95	23.5	22.8	22.1	31.2	24.2	22.4	31.7	24.7	22.7	28.2	24.6	22.7	25.3	24.2	22.6	22	21.7	20.7	95
100	22.3	21.9	21.7	29.7	23.6	22.2	30.3	24	22.4	27	24	22.4	24.2	23.4	22.3	21.2	20.9	20.1	100
105	21.2	20.9	20.8	28.3	23	22	29	23.5	22.2	25.9	23.5	22.2	23.2	22.6	21.8	20.3	20.2	19.4	105
110	20	19.9	20	26.9	22.4	21.9	27.7	22.9	22.1	24.8	22.9	22.1	22.3	21.9	21.1	19.5	19.5	18.8	110
115	19.1	19	19.1	25.7	21.9	21.8	26.5	22.4	21.9	23.7	22.5	21.9	21.4	21.1	20.5	18.7	18.7	18.3	115
120	18.2	18.1	18.2	24.5	21.5	21.8	25.3	22	21.9	22.7	22.1	21.6	20.6	20.4	19.9	17.9	18	17.7	120
125	17.4	17.3	17.5	23.4	21.1	21.8	24.2	21.6	21.8	21.8	21.5	21.2	19.7	19.6	19.3	17.2	17.3	17.1	125
130	16.6	16.6	16.7	22.3	20.8	21.7	22.4	21.2	21.8	20.9	20.8	20.6	19	18.9	18.7	16.5	16.6	16.5	130
135	15.8	15.9	16.1	21.3	20.4	21.4	20.8	20.8	21.8	20.1	20	19.9	18.3	18.2	18.1	15.8	15.9	15.9	135
140	15.1	15.2	15.4	20.5	20.1	20.7	19.3	20.2	21.2	19.3	19.2	19.2	17.6	17.5	17.5	15.1	15.3	15.4	140
145	14.5	14.6		19.3	19.6	19.9	17.9	18.9	19.6	18.2	18.5	18.5	16.9	16.9	16.8	14.5	14.6	14.8	145
150	13.9	14		18	18.7	19	17	17.5	18.1	16.9	17.7	17.9	16.3	16.3	16.3	13.9	14.1	14.2	150
155	13.4			16.8	17.4	17.6	16.3	16.4	16.6	15.7	16.6	17.1	15.7	15.7	15.7	13.3	13.5	13.7	155
160	11.8			15.7	16.2		15.7	15.8	15.9	14.6	15.4	16	15	15.2	15.2	12.8	13	13.1	160
165				14.7	15.1		14.8	15.2	15.3	13.9	14.2	14.7	14	14.6	14.7	12.3	12.4	12.6	165
170				13.3	13.4		13.9	14.4	14.5	13.4	13.5	13.7	13	13.8	14.2	11.8	12	12.1	170
175				6.5			13	13.4		12.9	13	13.2	12.1	12.8	13.3	11.4	11.5	11.7	175
180							12.1	11.4		12.4	12.5	12.7	11.2	11.8	12.3	10.9	11	11.2	180
185							9.9	11		11.7	12		10.4	11	11.3	10.2	10.6	10.8	185
190										11	11.3		9.7	10.1	10.4	9.4	10	10.3	190
195										9.7			8.9	9.4	9.5	8.7	9.2	9.6	195
200										6.3			8.3	8.6	8.7	8	8.5	8.8	200
205													7.6	7.9	7.8	7.4	7.8	7.9	205
210													6.2	7.1		6.7	7.1	6.8	210
215													3.1			6.1	6.4		215
220																5.4			220
225																3.3			225

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Lifting capacities
Forces de levage

TNZK

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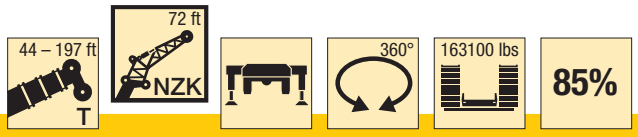

ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			ft
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
13	23.2																		13
14	23.2																		14
15	23.2			23.2															15
16	23.2			23.2															16
17	23.2			23.2															17
18	23.2			23.2			23.2												18
19	23.2			23.2			23.2												19
20	23.2			23.2			23.2												20
22	23.2			23.2			23.2			22.8									22
24	23.2			23.2			23.2			22.7			21.8						24
26	23.2			23.2			23.1			22.7			21.8						26
28	23.2			23.2			23			22.5			21.7			21.1			28
30	23.2			23.2			22.8			22.4			21.6			21.1			30
32	23.2			23.2			22.7			22.3			21.5			21			32
34	23			23.1			22.5			22.2			21.4			20.9			34
36	22.8			22.8			22.3			22			21.3			20.8			36
38	22.4			22.5			22.1			21.8			21.2			20.7			38
40	22.1	19.1		22.2			21.9			21.6			21			20.6			40
45	21.1	18.1		21.4	18.2		21.2			21			20.5			20.2			45
50	20	17.2		20.6	17.4		20.5	17.3		20.5	17.3		20			19.8			50
55	19	16.3		19.7	16.6		19.8	16.7		19.9	16.7		19.6	16.5		19.3			55
60	18	15.5	13.3	18.8	15.9		19.1	16		19.3	16.1		19	16		18.9	16		60
65	17	14.8	12.9	18	15.3	13	18.4	15.4		18.7	15.5		18.5	15.5		18.5	15.5		65
70	16	14.2	12.5	17.1	14.7	12.6	17.7	14.9	12.6	18.1	15.1	12.7	18	15.1		18	15.1		70
75	15.2	13.6	12.2	16.3	14.1	12.3	16.9	14.4	12.3	17.4	14.6	12.4	17.5	14.6	12.4	17.6	14.7		75
80	14.4	13.1	11.9	15.5	13.6	12	16.2	13.9	12.1	16.8	14.2	12.2	17	14.2	12.1	17.2	14.3	12.1	80
85	13.7	12.6	11.7	14.8	13.2	11.8	15.6	13.5	11.9	16.2	13.7	12	16.4	13.8	12	16.7	14	12	85
90	12.8	12.2	11.6	14.2	12.7	11.6	14.9	13.1	11.7	15.6	13.4	11.8	15.9	13.5	11.8	16.2	13.6	11.8	90
95	12	11.9	11.6	13.6	12.4	11.5	14.4	12.7	11.6	15	13	11.6	15.4	13.2	11.6	15.7	13.3	11.6	95
100	11.2	11.7	11.6	12.9	12.1	11.5	13.8	12.4	11.5	14.5	12.7	11.5	14.9	12.9	11.5	15.3	13	11.5	100
105	10.6	11.6		12.2	11.8	11.5	13.3	12.1	11.4	14	12.4	11.4	14.5	12.6	11.4	14.8	12.7	11.4	105
110				11.5	11.6	11.5	12.8	11.9	11.4	13.6	12.2	11.4	14	12.3	11.3	14.4	12.5	11.3	110
115				10.9	11.6		12.2	11.7	11.4	13.1	11.9	11.4	13.6	12.1	11.3	14	12.3	11.3	115
120				10.3	11.6		11.6	11.6	11.4	12.7	11.7	11.4	13.2	11.9	11.3	13.6	12	11.2	120
125							11.1	11.5	11.4	12.2	11.6	11.4	12.8	11.7	11.3	13.3	11.9	11.2	125
130							10.6	11.5		11.7	11.5	11.4	12.5	11.6	11.3	12.9	11.7	11.2	130
135							10.2			11.2	11.4	11.4	12.1	11.4	11.3	12.6	11.6	11.2	135
140										10.8	11.4	11.4	11.6	11.4	11.3	12.3	11.5	11.2	140
145										10.4	11.4		11.2	11.3	11.3	12	11.3	11.2	145
150										10.1			10.9	11.3	11.3	11.6	11.3	11.2	150
155													10.5	11.1		11.3	11.2	11.2	155
160													10.2	10.9		10.9	11.2	11.2	160
165													7.5			10.6	11.2	11.2	165
170																10.3	11		170
175																10.1	11		175

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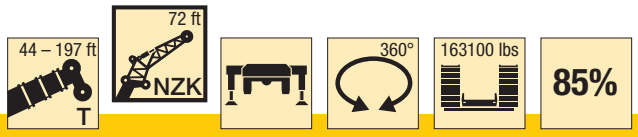
Lifting capacities
Forces de levage

TNZK

LICCON2



ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 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°	
32	20.2																		32
34	20.1			20.9															34
36	20			20.8															36
38	20			20.7			19.9												38
40	19.8			20.6			19.8												40
45	19.5			20.3			19.6			18.3									45
50	19.2			19.9			19.3			18.1			16.6						50
55	18.8			19.6			19			17.8			16.4			15.3			55
60	18.5			19.2			18.7			17.6			16.3			15.1			60
65	18.1	15.4		18.8	15.9		18.3			17.3			16.1			14.9			65
70	17.7	15		18.5	15.5		18	15.3		17.1			15.9			14.8			70
75	17.3	14.6		18.1	15.1		17.7	14.9		16.8	14.5		15.7			14.6			75
80	16.9	14.2	12.1	17.7	14.7		17.4	14.6		16.5	14.2		15.5	13.5		14.4			80
85	16.5	13.9	11.9	17.3	14.4	12.1	17	14.3	12	16.3	13.9		15.2	13.3		14.2	12.8		85
90	16.1	13.6	11.8	16.9	14.1	11.9	16.7	14	11.8	16	13.6	11.6	15	13.1		14	12.6		90
95	15.7	13.3	11.6	16.5	13.8	11.8	16.3	13.7	11.7	15.7	13.4	11.5	14.7	12.9		13.8	12.4		95
100	15.3	13	11.5	16.1	13.5	11.6	16	13.4	11.6	15.4	13.1	11.4	14.5	12.7	11.2	13.7	12.3		100
105	14.9	12.8	11.4	15.7	13.2	11.5	15.6	13.2	11.4	15.1	12.9	11.3	14.3	12.5	11.1	13.5	12.1	10.9	105
110	14.5	12.5	11.3	15.3	12.9	11.4	15.2	12.9	11.3	14.8	12.7	11.2	14	12.3	11	13.3	11.9	10.9	110
115	14.2	12.3	11.2	14.9	12.7	11.3	14.9	12.7	11.2	14.5	12.5	11.1	13.8	12.1	11	13.1	11.8	10.8	115
120	13.8	12.1	11.2	14.6	12.5	11.2	14.6	12.5	11.2	14.2	12.3	11	13.6	12	10.9	12.9	11.6	10.7	120
125	13.5	11.9	11.1	14.2	12.3	11.1	14.2	12.3	11.1	13.9	12.1	11	13.3	11.8	10.8	12.8	11.5	10.7	125
130	13.2	11.8	11.1	13.9	12.1	11.1	13.9	12.1	11	13.6	12	10.9	13.1	11.7	10.8	12.6	11.4	10.6	130
135	12.9	11.6	11.1	13.6	11.9	11.1	13.6	11.9	11	13.4	11.8	10.9	12.9	11.5	10.8	12.4	11.3	10.6	135
140	12.6	11.5	11.1	13.3	11.8	11.1	13.3	11.8	11	13.1	11.7	10.9	12.7	11.4	10.7	12.2	11.2	10.6	140
145	12.3	11.4	11.1	13	11.6	11.1	13.1	11.6	11	12.9	11.5	10.9	12.5	11.3	10.7	11.9	11.1	10.6	145
150	12	11.3	11.1	12.7	11.5	11.1	12.8	11.5	11	12.7	11.4	10.9	12.3	11.2	10.7	11.6	11	10.6	150
155	11.6	11.2	11.1	12.4	11.4	11.1	12.5	11.4	11	12.5	11.3	10.9	12.1	11.1	10.7	11.3	10.9	10.6	155
160	11.2	11.1	11.1	12.2	11.3	11.1	12.3	11.3	11	12.2	11.2	10.9	11.9	11	10.7	11	10.8	10.6	160
165	10.7	10.9	11.1	11.9	11.2	11.1	12.1	11.2	11	12	11.1	10.9	11.7	10.9	10.7	10.6	10.6	10.6	165
170	10.3	10.5	10.8	11.7	11.1	11.1	11.9	11.1	11	11.8	11	10.9	11.5	10.9	10.7	10.2	10.5	10.6	170
175	9.9	10.1	10.4	11.4	11.1	11.1	11.7	11	11	11.7	11	10.9	11.3	10.8	10.7	9.8	10.2	10.5	175
180	9.6	9.7		11.1	11.1	11.1	11.5	11	11	11.5	10.9	10.9	11	10.7	10.7	9.4	9.8	10.2	180
185	9.3	9.4		10.9	11.1	11.1	11.2	11	11	11.2	10.9	10.9	10.7	10.6	10.7	9.1	9.4	9.8	185
190	9			10.6	11.1	10.3	11	11	11	10.4	10.9	10.9	10.4	10.5	10.7	8.7	9.1	9.4	190
195				10.4	11.1		10.6	10.9	11	9.7	10.6	10.8	9.9	10.3	10.6	8.4	8.7	9.1	195
200				9.2			10.2	10.5	9.1	9.4	9.9	10.2	9.3	9.9	10.3	8.1	8.4	8.7	200
205				7.3			9.6	10.1	8.7	9	9.3	9.5	8.6	9.5	9.9	7.7	8.1	8.4	205
210							9	9.4		8.7	8.9	9.2	8	8.9	9.2	7.4	7.7	8	210
215							7.7			8.4	8.6	8.9	7.4	8.2	8.4	7.1	7.4	7.7	215
220							4			8.1	8.3		6.8	7.5	7.6	6.5	7.1	7.4	220
225										7.3	7.9		6.3	6.9	6.9	6	6.7	7	225
230										5			5.8	6.3	6.1	5.4	6.2	6.3	230
235													5.3	5.7		4.9	5.6	5.6	235
240													4.5			4.5	5		240
245													2.3			4	4.5		245
250																3.6	3.9		250
255																2.1			255

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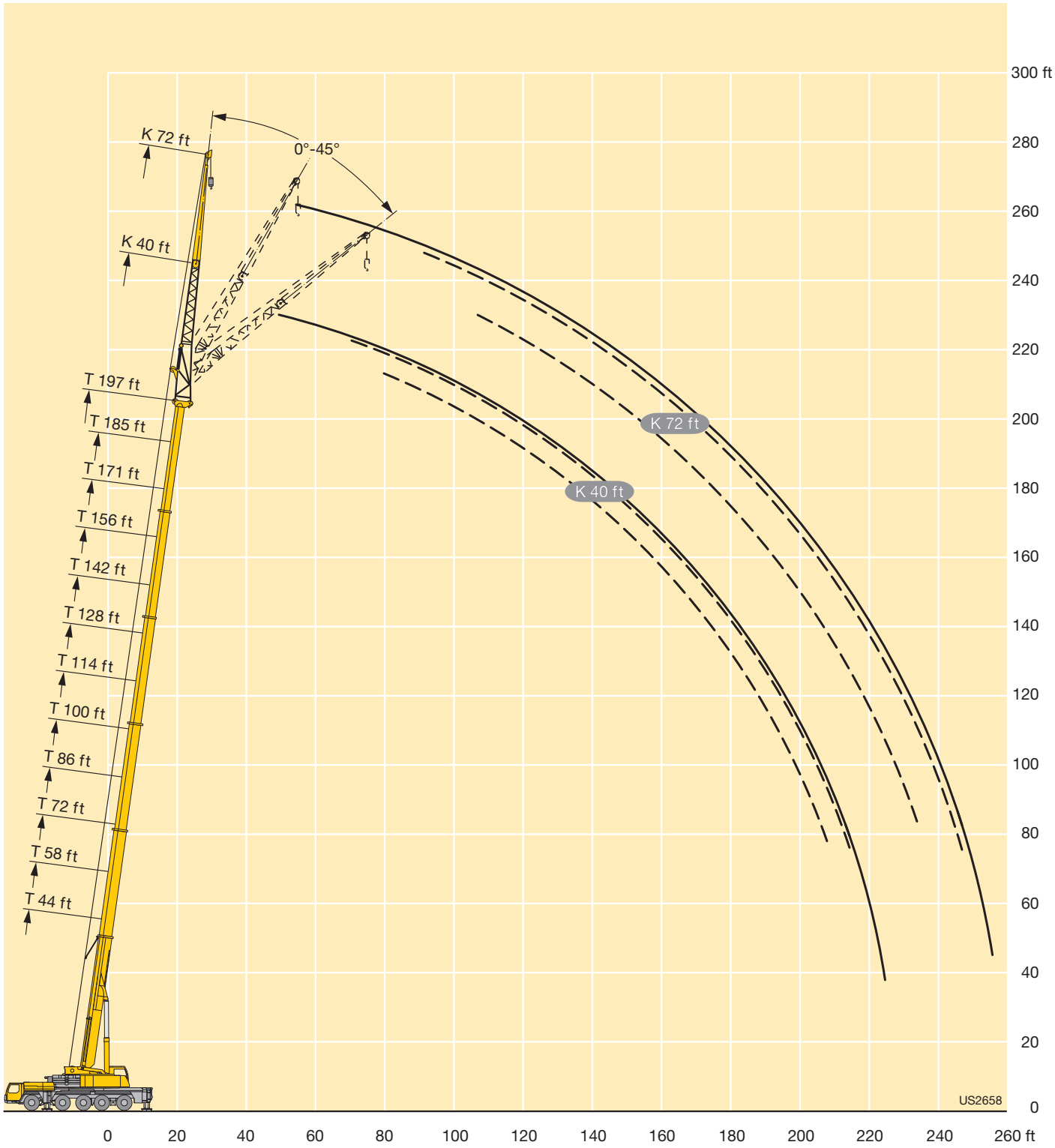
Lifting heights
Hauteurs de levage

TNZK

LICCON2



Lifting capacities
Forces de levage

TNZK

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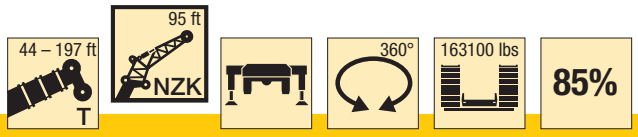

ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			ft
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft			
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	
17	19.9																		17
18	19.9																		18
19	19.9																		19
20	19.9			19.2															20
22	19.8			19.2															22
24	19.8			19.1			18.2												24
26	19.7			19.1			18.2			17.5									26
28	19.6			19.1			18.1			17.5									28
30	19.5			19			18.1			17.5			16.6						30
32	19.4			18.9			18.1			17.4			16.6						32
34	19.2			18.8			18			17.4			16.5			16			34
36	19.1			18.7			17.9			17.3			16.5			16			36
38	18.9			18.5			17.8			17.2			16.4			15.9			38
40	18.5			18.3			17.6			17.1			16.4			15.8			40
45	17.7			17.7			17.2			16.8			16.1			15.6			45
50	16.8			16.9			16.6			16.4			15.9			15.4			50
55	15.9	13.1		16.2			16			15.9			15.5			15.2			55
60	14.9	12.4		15.3	12.4		15.3	12.3		15.3			15			14.8			60
65	14	11.6		14.6	11.8		14.6	11.7		14.8	11.7		14.5			14.4			65
70	13.1	11		13.8	11.2		14	11.2		14.2	11.3		14	11.2		14			70
75	12.3	10.4		13	10.7		13.3	10.7		13.6	10.8		13.5	10.7		13.5	10.7		75
80	11.5	9.9	8.3	12.3	10.2		12.7	10.3		13	10.4		13	10.4		13.1	10.4		80
85	10.8	9.4	8	11.6	9.7	8.1	12.1	9.8	8	12.5	10		12.5	10		12.7	10		85
90	10.1	8.9	7.7	11	9.3	7.8	11.5	9.4	7.8	12	9.6	7.8	12.1	9.6		12.2	9.7		90
95	9.4	8.5	7.5	10.4	8.9	7.6	10.9	9.1	7.6	11.4	9.2	7.6	11.6	9.3	7.6	11.8	9.4	7.6	95
100	8.8	8.1	7.2	9.8	8.5	7.4	10.4	8.7	7.4	10.9	8.9	7.4	11.1	9	7.4	11.4	9.1	7.4	100
105	8.2	7.8	7.1	9.2	8.2	7.2	9.9	8.4	7.2	10.4	8.6	7.3	10.7	8.7	7.3	11	8.8	7.3	105
110	7.7	7.5	6.9	8.7	7.9	7	9.4	8.1	7.1	10	8.4	7.1	10.3	8.5	7.1	10.6	8.6	7.2	110
115	7.2	7.3	6.8	8.2	7.6	6.9	9	7.9	7	9.6	8.1	7	9.9	8.2	7	10.2	8.3	7	115
120	6.8	7	6.8	7.7	7.4	6.8	8.5	7.6	6.8	9.2	7.8	6.9	9.5	8	6.9	9.9	8.1	6.9	120
125	6.4	6.9		7.3	7.2	6.8	8.1	7.4	6.7	8.8	7.6	6.8	9.2	7.8	6.8	9.5	7.9	6.8	125
130	6	6.9		6.9	7	6.8	7.7	7.2	6.7	8.4	7.4	6.7	8.9	7.6	6.7	9.2	7.7	6.7	130
135				6.5	6.8	6.8	7.3	7	6.7	8	7.3	6.7	8.5	7.4	6.7	8.9	7.5	6.7	135
140				6.2	6.8		6.9	6.9	6.7	7.6	7.1	6.7	8.2	7.2	6.6	8.6	7.3	6.6	140
145				6			6.6	6.8	6.7	7.3	6.9	6.7	7.9	7.1	6.6	8.3	7.2	6.6	145
150							6.3	6.8		7	6.8	6.7	7.6	7	6.6	8	7.1	6.5	150
155							6.1			6.7	6.7	6.7	7.2	6.8	6.6	7.8	6.9	6.5	155
160										6.4	6.7	6.7	7	6.7	6.6	7.5	6.8	6.5	160
165										6.2	6.7		6.7	6.7	6.6	7.2	6.7	6.5	165
170										6			6.5	6.6	6.6	7	6.6	6.5	170
175													6.3	6.6	6.6	6.7	6.6	6.5	175
180													6.1	6.6		6.5	6.6	6.5	180
185													5.9			6.3	6.6	6.5	185
190																6.1	6.6		190
195																6	6.6		195
200																5.9			200

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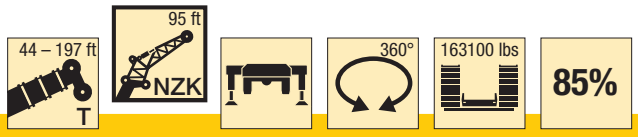
Lifting capacities
Forces de levage

TNZK

LICCON2



ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 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°	
38	15.1			15.8															38
40	15.1			15.7															40
45	14.9			15.6			14.9												45
50	14.8			15.4			14.7			13.6									50
55	14.6			15.2			14.6			13.4			12.1						55
60	14.3			15			14.4			13.3			12.1			11			60
65	14			14.7			14.2			13.2			11.9			10.9			65
70	13.6			14.4			14			13			11.8			10.8			70
75	13.3	10.6		14			13.6			12.8			11.7			10.6			75
80	12.9	10.3		13.6	10.7		13.3	10.5		12.6			11.5			10.5			80
85	12.5	9.9		13.3	10.3		13	10.2		12.3			11.3			10.3			85
90	12.1	9.6		12.9	10		12.6	9.9		12	9.6		11.1			10.2			90
95	11.7	9.4		12.5	9.7		12.3	9.7		11.7	9.4		10.9	9		10.1			95
100	11.4	9.1	7.4	12.1	9.5		12	9.4		11.4	9.2		10.7	8.8		10	8.4		100
105	11	8.8	7.3	11.7	9.2	7.4	11.6	9.1	7.3	11.2	8.9		10.5	8.6		9.8	8.3		105
110	10.7	8.6	7.1	11.4	8.9	7.3	11.3	8.9	7.2	10.9	8.7	7.1	10.3	8.4		9.7	8.1		110
115	10.3	8.4	7	11	8.7	7.1	11	8.7	7.1	10.6	8.5	7	10	8.2		9.5	8		115
120	10	8.2	6.9	10.7	8.5	7	10.6	8.5	7	10.3	8.3	6.9	9.8	8	6.7	9.3	7.8		120
125	9.7	8	6.8	10.3	8.3	6.9	10.4	8.3	6.9	10.1	8.1	6.8	9.6	7.9	6.6	9.1	7.7	6.5	125
130	9.4	7.8	6.7	10	8.1	6.8	10.1	8.1	6.8	9.8	8	6.7	9.4	7.7	6.6	9	7.5	6.5	130
135	9.1	7.6	6.6	9.7	7.9	6.7	9.8	7.9	6.7	9.6	7.8	6.6	9.2	7.6	6.5	8.8	7.4	6.4	135
140	8.8	7.4	6.6	9.4	7.7	6.6	9.5	7.7	6.6	9.3	7.6	6.5	9	7.4	6.4	8.6	7.3	6.3	140
145	8.5	7.3	6.5	9.1	7.6	6.6	9.2	7.6	6.5	9.1	7.5	6.5	8.8	7.3	6.4	8.5	7.1	6.3	145
150	8.3	7.1	6.5	8.9	7.4	6.5	9	7.4	6.5	8.9	7.4	6.4	8.6	7.2	6.3	8.3	7	6.2	150
155	8	7	6.5	8.6	7.2	6.5	8.7	7.3	6.4	8.6	7.2	6.4	8.4	7.1	6.3	8.1	6.9	6.2	155
160	7.8	6.9	6.5	8.3	7.1	6.4	8.5	7.1	6.4	8.4	7.1	6.3	8.2	7	6.2	8	6.8	6.2	160
165	7.6	6.8	6.5	8.1	7	6.4	8.3	7	6.4	8.2	7	6.3	8	6.9	6.2	7.8	6.7	6.1	165
170	7.3	6.7	6.5	7.9	6.9	6.4	8.1	6.9	6.4	8	6.9	6.3	7.9	6.8	6.2	7.7	6.6	6.1	170
175	7.1	6.6	6.5	7.6	6.8	6.4	7.8	6.8	6.4	7.8	6.8	6.3	7.7	6.7	6.2	7.5	6.5	6.1	175
180	6.9	6.6	6.5	7.5	6.7	6.4	7.7	6.7	6.4	7.6	6.7	6.3	7.5	6.6	6.2	7.4	6.5	6.1	180
185	6.7	6.5	6.5	7.3	6.6	6.4	7.5	6.6	6.4	7.5	6.6	6.3	7.4	6.5	6.2	7.2	6.4	6.1	185
190	6.5	6.5	6.5	7	6.5	6.4	7.3	6.5	6.4	7.3	6.5	6.3	7.2	6.4	6.2	7.1	6.3	6.1	190
195	6.3	6.5	6.5	6.9	6.5	6.4	7.1	6.5	6.4	7.1	6.4	6.3	7.1	6.4	6.2	7	6.3	6.1	195
200	6.2	6.5	6.5	6.6	6.4	6.4	6.9	6.4	6.4	7	6.4	6.3	6.9	6.3	6.2	6.8	6.2	6.1	200
205	6	6.5		6.4	6.4	6.4	6.8	6.4	6.4	6.9	6.3	6.3	6.8	6.3	6.2	6.6	6.2	6.1	205
210	5.9			6.3	6.4	6.4	6.6	6.4	6.4	6.7	6.3	6.3	6.7	6.2	6.2	6.4	6.1	6.1	210
215	5.6			6.1	6.4		6.4	6.4	6.4	6.6	6.3	6.3	6.6	6.2	6.2	6.2	6.1	6.1	215
220				6	6.4		6.3	6.4	6.4	6.5	6.3	6.3	6.5	6.2	6.2	5.9	6	6.1	220
225				5.9			6.1	6.4	6.4	6.3	6.3	6.3	6.4	6.2	6.2	5.7	5.9	6.1	225
230				2.5			6	6.4		6.1	6.3	6.3	5.9	6.2	6.2	5.4	5.7	6	230
235							5.8	6.4		6	6.3	6.3	5.5	6.2	6.2	5.1	5.5	5.8	235
240							4.5			5.9	6.3		5	5.8	6	4.6	5.3	5.5	240
245										5.7	6.1		4.5	5.4	5.4	4.2	5.1	5.3	245
250										4.5			4.1	4.8	4.6	3.7	4.6	4.8	250
255										2.2			3.7	4.3		3.3	4.1	4.1	255
260													3.2	3.7		2.9	3.6		260
265													1.9			2.5	3.1		265
270																2.1	2.6		270
275																1.4			275

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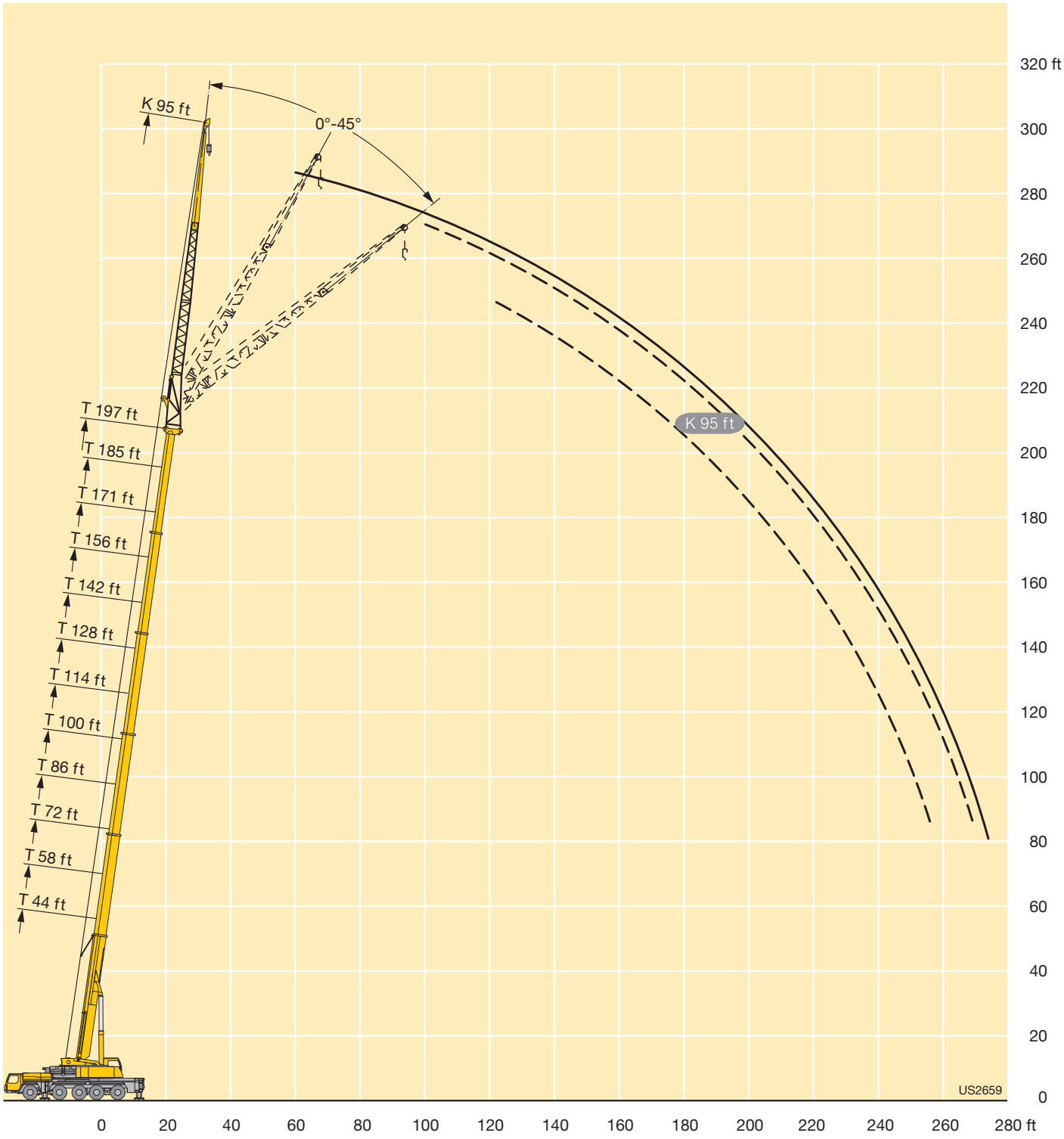
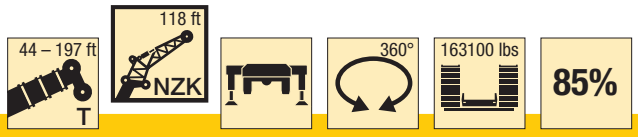

K 95 ft
0°-45°
T 197 ft
T 185 ft
T 171 ft
T 156 ft
T 142 ft
T 128 ft
T 114 ft
T 100 ft
T 86 ft
T 72 ft
T 58 ft
T 44 ft
K 95 ft
US2659
320 ft
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280 ft

Lifting capacities
Forces de levage

TNZK

LICCON2



ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 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°	
22	15																		22
24	15			14.3															24
26	14.9			14.3															26
28	14.9			14.3			13.4												28
30	14.8			14.2			13.4												30
32	14.8			14.2			13.4			12.8									32
34	14.6			14.1			13.3			12.8									34
36	14.4			14			13.2			12.7			12						36
38	14.2			13.8			13.1			12.7			12			11.6			38
40	14			13.7			13			12.6			12			11.5			40
45	13.4			13.2			12.7			12.4			11.8			11.4			45
50	12.8			12.7			12.3			12.1			11.6			11.2			50
55	12.1			12.2			11.9			11.7			11.3			11			55
60	11.4			11.6			11.4			11.3			10.9			10.7			60
65	10.7			11			10.9			10.9			10.6			10.4			65
70	10.1	8.3		10.4	8.3		10.4			10.4			10.2			10.1			70
75	9.4	7.8		9.8	7.8		9.9	7.8		10			9.9			9.8			75
80	8.9	7.3		9.3	7.4		9.4	7.4		9.6	7.4		9.5			9.5			80
85	8.3	6.9		8.7	7		8.9	7		9.1	7.1		9.1	7		9.1	7		85
90	7.8	6.5		8.2	6.7		8.5	6.7		8.7	6.8		8.7	6.7		8.8	6.7		90
95	7.3	6.2		7.8	6.3		8	6.4		8.3	6.5		8.3	6.4		8.5	6.5		95
100	6.8	5.8	5	7.3	6		7.6	6.1		7.9	6.2		8	6.2		8.1	6.2		100
105	6.4	5.6	4.8	6.9	5.8	4.8	7.3	5.8	4.8	7.5	5.9		7.7	6		7.8	6		105
110	6	5.3	4.6	6.5	5.5	4.7	6.9	5.6	4.7	7.2	5.7	4.7	7.4	5.7		7.5	5.8		110
115	5.7	5.1	4.5	6.2	5.3	4.5	6.5	5.4	4.5	6.9	5.5	4.6	7	5.5	4.5	7.2	5.6	4.5	115
120	5.3	4.9	4.4	5.9	5.1	4.4	6.2	5.2	4.4	6.5	5.3	4.5	6.8	5.3	4.4	6.9	5.4	4.4	120
125	5	4.7	4.3	5.5	4.9	4.3	5.9	5	4.3	6.2	5.1	4.3	6.5	5.2	4.3	6.7	5.2	4.4	125
130	4.7	4.5	4.2	5.2	4.7	4.2	5.6	4.8	4.2	6	5	4.2	6.2	5	4.3	6.4	5.1	4.3	130
135	4.4	4.4	4.1	5	4.6	4.1	5.4	4.7	4.1	5.7	4.8	4.2	5.9	4.9	4.2	6.2	4.9	4.2	135
140	4.2	4.2	4.1	4.7	4.4	4.1	5.1	4.6	4.1	5.5	4.7	4.1	5.7	4.8	4.1	5.9	4.8	4.1	140
145	4	4.1	4.1	4.5	4.3	4	4.9	4.4	4	5.3	4.6	4	5.5	4.6	4.1	5.7	4.7	4.1	145
150	3.8	4.1		4.3	4.2	4	4.7	4.3	4	5.1	4.4	4	5.3	4.5	4	5.5	4.6	4	150
155				4.1	4.1		4.5	4.2	4	4.9	4.3	4	5.1	4.4	4	5.3	4.5	4	155
160				3.9	4.1		4.3	4.1	4	4.7	4.2	4	4.9	4.3	3.9	5.1	4.4	3.9	160
165				3.7	4.1		4.1	4	4	4.5	4.1	4	4.8	4.2	3.9	5	4.3	3.9	165
170							4	4		4.3	4.1	4	4.6	4.1	3.9	4.8	4.2	3.9	170
175							3.8	4		4.1	4	4	4.5	4.1	3.9	4.7	4.1	3.9	175
180							3.7			4	4	4	4.3	4	3.9	4.5	4	3.9	180
185										3.8	4		4.1	3.9	3.9	4.4	4	3.9	185
190										3.7	4		4	3.9	3.9	4.3	3.9	3.9	190
195										3.6			3.9	3.9		4.1	3.9	3.9	195
200													3.8	3.9		4	3.9	3.9	200
205													3.7			3.9	3.9	3.9	205
210													3.6			3.8	3.9		210
215																3.7	3.9		215
220																3.6	3.9		220
225																3.1			225

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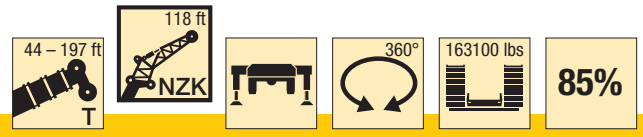
Lifting capacities
Forces de levage

TNZK



LICCON2

ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 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°	
45	10.8			11.3															45
50	10.7			11.2			10.7												50
55	10.5			11.1			10.6			9.7									55
60	10.3			10.9			10.5			9.6			8.6						60
65	10.1			10.7			10.3			9.5			8.5			7.7			65
70	9.8			10.4			10			9.3			8.4			7.6			70
75	9.5			10.1			9.8			9.2			8.3			7.5			75
80	9.3			9.8			9.5			8.9			8.1			7.4			80
85	9			9.5			9.3			8.7			8			7.3			85
90	8.7	6.6		9.2	6.9		9			8.5			7.8			7.2			90
95	8.4	6.4		8.9	6.7		8.8	6.6		8.3			7.6			7			95
100	8.1	6.2		8.6	6.4		8.5	6.4		8.1	6.2		7.4			6.9			100
105	7.8	6		8.3	6.2		8.2	6.2		7.9	6		7.3			6.8			105
110	7.5	5.8		8	6		8	6		7.6	5.8		7.1	5.5		6.6			110
115	7.3	5.6		7.8	5.8		7.7	5.8		7.4	5.6		6.9	5.4		6.5	5.2		115
120	7	5.4	4.4	7.5	5.6		7.4	5.6		7.2	5.5		6.7	5.2		6.3	5		120
125	6.7	5.2	4.3	7.2	5.5	4.4	7.2	5.4	4.3	7	5.3		6.6	5.1		6.2	4.9		125
130	6.5	5.1	4.2	7	5.3	4.3	7	5.3	4.3	6.8	5.2	4.2	6.4	5		6.1	4.8		130
135	6.3	5	4.2	6.7	5.1	4.2	6.7	5.1	4.2	6.6	5	4.1	6.2	4.9		5.9	4.7		135
140	6	4.8	4.1	6.5	5	4.2	6.5	5	4.1	6.4	4.9	4.1	6.1	4.8	4	5.8	4.7		140
145	5.8	4.7	4	6.2	4.9	4.1	6.3	4.9	4.1	6.2	4.8	4	5.9	4.7	3.9	5.6	4.6	3.9	145
150	5.6	4.6	4	6	4.8	4	6.1	4.8	4	6	4.7	3.9	5.8	4.6	3.9	5.5	4.5	3.8	150
155	5.4	4.5	3.9	5.8	4.7	4	5.9	4.7	4	5.8	4.6	3.9	5.6	4.5	3.8	5.4	4.4	3.8	155
160	5.2	4.4	3.9	5.6	4.6	3.9	5.7	4.6	3.9	5.6	4.5	3.8	5.5	4.4	3.8	5.3	4.3	3.7	160
165	5.1	4.3	3.9	5.4	4.5	3.9	5.5	4.5	3.9	5.5	4.4	3.8	5.3	4.3	3.7	5.1	4.2	3.7	165
170	4.9	4.2	3.8	5.3	4.4	3.9	5.3	4.4	3.8	5.3	4.3	3.8	5.1	4.3	3.7	5	4.2	3.7	170
175	4.8	4.2	3.8	5.1	4.3	3.8	5.2	4.3	3.8	5.2	4.3	3.7	5	4.2	3.7	4.9	4.1	3.6	175
180	4.7	4.1	3.8	5	4.2	3.8	5	4.2	3.8	5	4.2	3.7	4.9	4.1	3.7	4.8	4	3.6	180
185	4.6	4	3.8	4.8	4.1	3.8	4.9	4.1	3.7	4.9	4.1	3.7	4.8	4.1	3.6	4.7	4	3.6	185
190	4.4	4	3.8	4.7	4	3.8	4.8	4.1	3.7	4.8	4.1	3.7	4.7	4	3.6	4.6	3.9	3.6	190
195	4.3	3.9	3.8	4.6	4	3.8	4.7	4	3.7	4.7	4	3.7	4.6	3.9	3.6	4.5	3.9	3.6	195
200	4.2	3.9	3.8	4.5	3.9	3.8	4.6	3.9	3.7	4.6	3.9	3.7	4.5	3.9	3.6	4.4	3.8	3.6	200
205	4.1	3.8	3.8	4.3	3.9	3.8	4.4	3.9	3.7	4.5	3.9	3.6	4.4	3.8	3.6	4.3	3.7	3.6	205
210	4	3.8	3.8	4.2	3.8	3.8	4.3	3.9	3.7	4.4	3.8	3.6	4.3	3.8	3.6	4.2	3.7	3.6	210
215	3.9	3.8	3.8	4.1	3.8	3.8	4.2	3.8	3.7	4.3	3.8	3.6	4.2	3.7	3.6	4.2	3.7	3.6	215
220	3.8	3.8		4.1	3.8	3.8	4.2	3.8	3.7	4.2	3.7	3.6	4.1	3.7	3.6	4.1	3.6	3.6	220
225	3.7	3.8		4	3.8	3.8	4.1	3.7	3.7	4.1	3.7	3.6	4.1	3.6	3.6	4	3.6	3.6	225
230	3.6	3.8		3.9	3.8	3.8	4	3.7	3.7	4	3.7	3.6	4	3.6	3.6	4	3.6	3.6	230
235	3.6			3.8	3.8		3.9	3.7	3.7	3.9	3.6	3.6	3.9	3.6	3.6	3.9	3.5	3.6	235
240				3.7	3.8		3.9	3.7	3.7	3.9	3.6	3.6	3.9	3.6	3.6	3.8	3.5	3.6	240
245				3.6			3.8	3.7		3.8	3.6	3.6	3.8	3.6	3.6	3.8	3.5	3.6	245
250				3.6			3.7	3.7		3.8	3.6	3.6	3.7	3.6	3.6	3.6	3.5	3.6	250
255							3.6	3.7		3.7	3.6	3.6	3.7	3.6	3.6	3.3	3.5	3.6	255
260							3.6			3.6	3.6	3.6	3.3	3.6	3.6	2.9	3.5	3.6	260
265							1.7			3.6	3.6		2.9	3.6	3.6	2.5	3.5	3.6	265
270										3.6	3.6		2.6	3.4	3.3	2.1	3.2	3.4	270
275										2			2.2	2.9		1.8	2.7	2.8	275
280													1.9	2.4		1.4	2.3	2.2	280
285																	1.8		285

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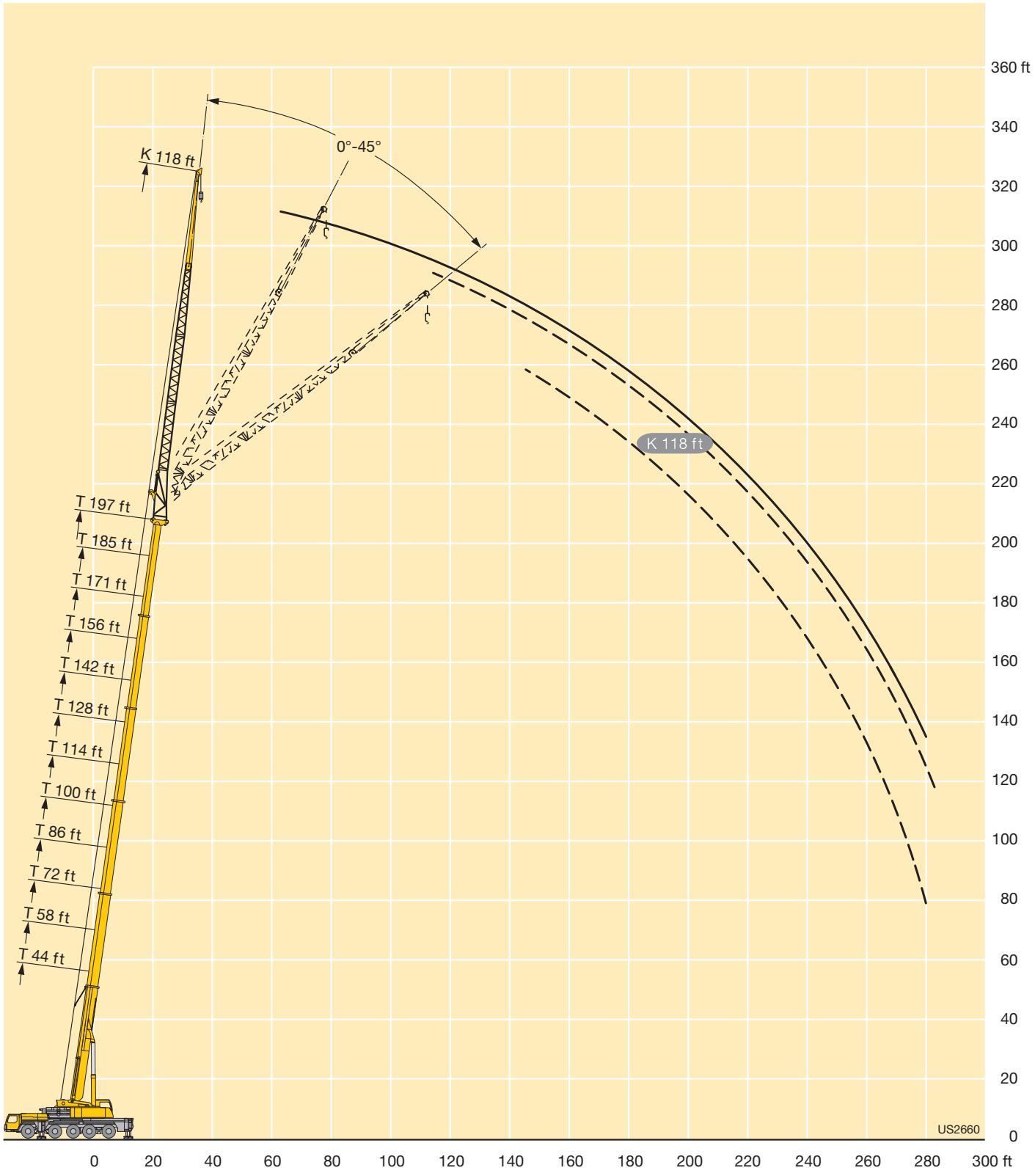
Lifting heights
Hauteurs de levage

TNZK

LICCON2



Lifting capacities
Forces de levage

TVK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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°	
11	46.1																		11
12	46.1																		12
13	46.1																		13
14	46.1			46.1															14
15	46.1			46.1															15
16	46.1			46.1															16
17	46.1			46.1															17
18	46.1			46.1			46.1												18
19	46.1			46.1			46.1												19
20	46.1			46.1			46.1												20
22	46.1			46.1			46.1			45.6									22
24	46.1			46.1			46.1			45.6									24
26	46.1	42.6		46.1			46.1			45.4			40.6						26
28	46.1	41		46.1			46.1			44.9			40.6						28
30	45.9	39.5		46.1	40.4		45.5			44.1			40.6			37.7			30
32	44.9	38		45.9	39.1		44.4			43.3			40.2			37.7			32
34	43.6	36.8		44.7	37.9		43.2	37.2		42.4			39.6			37.6			34
36	41.9	35.5	25.6	43.2	36.7		42	36.4		41.4			39			37.4			36
38	40.3	34.4	25.6	41.7	35.6		40.8	35.4		40.4	35		38.4			36.9			38
40	38.8	33.3	25.6	40.4	34.6	25.6	39.7	34.5		39.4	34.2		37.6			36.4			40
45	35.4	31	25.6	37.2	32.3	25.6	37.1	32.4	25.6	37	32.3		35.7	31.4		34.8	30.7		45
50	32.4	29	25	34.4	30.3	25.4	34.5	30.6	25.5	34.9	30.7	25.5	33.8	30		33.3	29.6		50
55	29.8	27.3	24.1	31.9	28.6	24.7	32.2	28.7	25	32.9	29.1	25.3	31.9	28.7	25.3	31.8	28.4	25.3	55
60	27.6	25.7	23.4	29.7	27.1	23.9	29.9	26.9	24.3	31.1	27.7	24.6	29.9	27.5	24.7	30.3	27.3	24.6	60
65	25.7	24.1	22.7	27.8	25.6	23.3	27.7	25.3	23.6	29.3	26.2	24	28	26.2	24	28.6	26.3	23.8	65
70	23.9	22.6	22.1	26	24.2	22.7	25.9	23.8	22.9	27.6	24.8	23.4	26.2	24.9	23.3	27.1	25.3	23.1	70
75	22.4	21.2	21.2	24.5	22.9	22.1	24.1	22.5	21.8	25.9	23.6	22.5	24.6	23.6	22.4	25.5	24.1	22.5	75
80	20.9	19.9	20.4	23.1	21.6	21.3	22.6	21.3	20.8	24.5	22.4	21.5	23.1	22.3	21.6	24.2	23	21.8	80
85	19.4	18.8	19.6	21.8	20.4	20.6	21.2	20.2	19.8	23	21.4	20.6	21.8	21.1	20.8	22.9	21.8	21	85
90	18.2	17.8	17.5	20.6	19.5	19.9	20	19.2	19	21.8	20.4	19.8	20.6	19.9	19.9	21.7	20.8	20.3	90
95	17.1	16.9		19.4	18.5	19.1	18.8	18.3	18.2	20.7	19.5	19.1	19.5	19	18.9	20.6	19.9	19.5	95
100				18.3	17.7	14.7	17.8	17.4	17.5	19.7	18.7	18.4	18.5	18	18	19.6	19	18.7	100
105				17.4	17		16.9	16.6	16.8	18.7	17.9	17.8	17.5	17.2	17.2	18.7	18.1	17.9	105
110				16.5	16.5		16	15.9	16.1	17.8	17.3	17.2	16.6	16.4	16.4	17.8	17.3	17.2	110
115							15.3	15.1		17.1	16.6	16.7	15.8	15.6	15.7	17	16.6	16.5	115
120							14.6	14.5		16.4	16		15.1	14.9	15.1	16.3	15.9	15.9	120
125							14	14.1		15.7	15.4		14.4	14.3	14.4	15.6	15.3	15.3	125
130										15.1	14.9		13.8	13.7	13.9	15	14.7	14.8	130
135										14.6	14.5		13.2	13.1		14.4	14.2	14.2	135
140										14.2			12.7	12.7		13.8	13.7	13.8	140
145													12.2	12.2		13.3	13.2	13.3	145
150													11.8	11.8		12.8	12.8		150
155													11.5			12.4	12.4		155
160																12.1	12		160
165																11.7	11.8		165
170																7			170

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Lifting capacities
Forces de levage

TVK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
34	34.2																		34
36	34.2			32															36
38	34.2			31.9															38
40	34.1			31.9			29.2												40
45	33			31.5			29			26.5									45
50	31.8	28.6		30.7			28.7			26.4			22.2						50
55	30.6	27.6		29.7	27		28.2			26.2			22.1			19.5			55
60	29.4	26.6	23.9	28.7	26.1		27.5	24.4		26.1	23.3		22			19.4			60
65	28.3	25.7	23.3	27.8	25.3	22.9	26.7	23.8		25.6	22.9		21.9	21.6		19.4			65
70	26.9	24.9	22.6	26.8	24.6	22.3	25.9	23.2	21.7	24.9	22.3		21.6	21.2		19.3			70
75	25.6	24	22.1	25.7	23.9	21.8	25.1	22.6	21.1	24.3	21.9	20	21.2	20.8		19.2	19.2		75
80	24.3	23	21.5	24.6	23	21.3	24.3	22	20.5	23.7	21.4	19.6	20.8	20.5	18.4	19	18.8		80
85	23.1	22	20.9	23.5	22.2	20.8	23.4	21.4	20	23	20.9	19.1	20.3	20.1	18	18.7	18.4	16.5	85
90	21.9	21	20.2	22.4	21.3	20.2	22.4	20.7	19.5	22.3	20.4	18.7	19.9	19.7	17.7	18.3	17.9	16.2	90
95	20.8	20.1	19.5	21.4	20.4	19.6	21.5	19.9	19	21.4	19.8	18.2	19.5	19.3	17.3	17.8	17.4	15.9	95
100	19.7	19.3	18.8	20.4	19.6	18.9	20.6	19.2	18.5	20.6	19.1	17.8	19	18.8	16.9	17.3	16.9	15.6	100
105	18.7	18.5	18.1	19.5	18.9	18.3	19.7	18.6	18	19.9	18.5	17.4	18.6	18.2	16.6	16.7	16.4	15.3	105
110	17.8	17.7	17.4	18.6	18.2	17.7	18.9	18	17.5	19.1	18	17	18.2	17.7	16.2	16.2	15.8	15	110
115	16.9	16.9	16.8	17.8	17.5	17.1	18.1	17.3	17	18.4	17.4	16.5	17.6	17.2	15.9	15.7	15.4	14.8	115
120	16.2	16.1	16.2	17	16.8	16.5	17.4	16.8	16.6	17.7	16.9	16.2	17.1	16.7	15.5	15.2	14.9	14.5	120
125	15.4	15.4	15.6	16.3	16.1	16	16.6	16.2	16.1	17.1	16.4	15.8	16.6	16.2	15.2	14.7	14.4	14.2	125
130	14.7	14.7	14.9	15.6	15.5	15.4	16	15.7	15.6	16.4	15.8	15.4	16.1	15.7	14.9	14.2	14	13.9	130
135	14.1	14.1	14.3	15	14.9	14.9	15.3	15.1	15.2	15.8	15.3	15.1	15.6	15.3	14.6	13.7	13.6	13.6	135
140	13.4	13.5	13.7	14.4	14.3	14.4	14.6	14.6	14.7	15.2	14.8	14.7	15.1	14.8	14.3	13.2	13.1	13.2	140
145	12.9	12.9	13.1	13.8	13.7	13.8	14	14	14.1	14.6	14.3	14.3	14.6	14.4	14	12.7	12.7	12.8	145
150	12.3	12.4	12.6	13.3	13.2	13.3	13.3	13.5	13.7	14	13.9	13.9	14.1	13.9	13.8	12.2	12.3	12.4	150
155	11.8	11.9	12.1	12.7	12.8	12.9	12.8	13	13.2	13.5	13.4	13.5	13.6	13.5	13.5	11.8	11.9	12.1	155
160	11.4	11.4		12.3	12.3	12.4	12.2	12.5	12.6	12.9	12.9	13.1	13.1	13.1	13.2	11.3	11.5	11.7	160
165	10.9	11		11.8	11.8	12	11.7	11.9	12.1	12.4	12.5	12.7	12.7	12.7	12.9	10.9	11.1	11.3	165
170	10.5	10.6		11.4	11.4	11.6	11.2	11.4	11.6	12	12.1	12.3	12.2	12.3	12.5	10.5	10.7	10.9	170
175	10.2	10.3		11	11.1		10.8	11	11.1	11.5	11.6	11.8	11.8	11.9	12.1	10.1	10.2	10.4	175
180	9.9	10		10.6	10.7		10.3	10.6	10.7	11.1	11.2	11.4	11.4	11.5	11.7	9.7	9.9	10.1	180
185				10.3	10.4		9.9	10.1	10.1	10.7	10.8	11	11	11.1	11.3	9.3	9.5	9.7	185
190				10.1	10.1		9.5	9.7		10.3	10.4	10.5	10.5	10.8	10.9	8.9	9.1	9.3	190
195				9			9.1	9.3		9.9	10	10.2	9.7	10.3	10.5	8.6	8.8	8.9	195
200							8.8	8.9		9.6	9.7		9	9.6	9.8	8.3	8.4	8.6	200
205							8.4	8.6		9.2	9.3		8.4	8.9	9	7.9	8.1	8.2	205
210							5.5			8.8	9		7.7	8.2	8.3	7.5	7.8	7.9	210
215										8.2	8.6		7.1	7.5		6.9	7.3	7.4	215
220										6.1			6.6	6.9		6.3	6.7	6.8	220
225										2.6			6.1	6.3		5.8	6.2		225
230													5.3	5.8		5.2	5.6		230
235													3.5			4.7	5		235
240																4.3	4.5		240
245																3.2			245

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Lifting capacities
Forces de levage

TVK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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	39.3																		15
16	39.2																		16
17	39.2																		17
18	39.2			36															18
19	39.1			36															19
20	39.1			35.9															20
22	39			35.9			32												22
24	38.7			35.8			32												24
26	38.2			35.8			32			29.9									26
28	37.4			35.6			32			29.8									28
30	36.5			35.1			31.9			29.8			27.1						30
32	35.5			34.6			31.8			29.8			27.1			24.2			32
34	34.4			33.9			31.6			29.8			27.1			24.2			34
36	33.3			33			31.1			29.7			27			24.1			36
38	32.3			32.2			30.6			29.6			27			24.1			38
40	31.2	26.1		31.3			30			29.1			26.9			24			40
45	28.7	24.5		29.2	25		28.3			27.8			26.3			23.8			45
50	26.5	23.1		27.2	23.7		26.8	23		26.5	22.6		25.3			23.6			50
55	24.7	21.8		25.5	22.3		25.2	21.8		25.2	21.6		24.3	20.8		23.2			55
60	22.8	20.4	17.9	23.8	21.1	17.9	23.8	20.8		24	20.6		23.3	20.1		22.5	19.7		60
65	21.1	19	17.3	22.3	20	17.4	22.5	19.8	17.2	22.8	19.8		22.3	19.3		21.7	19		65
70	19.5	17.8	16.8	20.8	18.9	16.9	21.2	18.9	16.8	21.6	18.9	16.8	21.3	18.5		20.9	18.3		70
75	18.2	16.7	16.3	19.5	18	16.4	20	18	16.4	20.5	18.2	16.4	20.3	17.9	16.2	20.2	17.7	16	75
80	16.9	15.7	15.5	18.3	17.1	15.9	18.9	17.2	15.9	19.5	17.4	15.9	19.4	17.2	15.7	19.5	17.1	15.6	80
85	15.8	14.8	14.8	17.2	16.3	15.2	17.8	16.5	15.3	18.5	16.8	15.4	18.5	16.6	15.2	18.8	16.6	15.1	85
90	14.8	14	14.1	16.1	15.4	14.6	16.8	15.8	14.7	17.6	16.1	14.9	17.7	16.1	14.8	18.1	16.1	14.7	90
95	13.9	13.2	13.4	15.2	14.7	14	16	15.1	14.2	16.7	15.5	14.4	16.9	15.5	14.3	17.4	15.5	14.3	95
100	13.1	12.6	12.9	14.4	14	13.5	15.1	14.4	13.7	15.9	14.8	13.9	16.1	14.9	13.9	16.8	15	13.9	100
105	12.3	12	12.4	13.6	13.3	13	14.4	13.8	13.2	15.2	14.3	13.5	15.3	14.4	13.5	16.1	14.5	13.6	105
110	11.6	11.4	12	12.9	12.8	12.6	13.6	13.1	12.8	14.5	13.7	13.1	14.5	13.9	13.2	15.4	14.1	13.2	110
115	11	10.9	5.9	12.2	12.2	12.2	13	12.6	12.4	13.9	13.2	12.7	13.8	13.4	12.8	14.7	13.6	12.9	115
120	10.5	10.6		11.7	11.7	11.9	12.4	12.1	11.9	13.3	12.8	12.4	13.1	13	12.5	14	13.2	12.6	120
125				11.1	11.3		11.8	11.6	11.6	12.7	12.3	12.1	12.5	12.4	12.2	13.4	12.8	12.3	125
130				10.6	10.9		11.3	11.2	11.2	12.2	11.9	11.8	11.9	11.9	11.9	12.9	12.5	12.1	130
135				10.2			10.8	10.8		11.8	11.5	11.5	11.4	11.4	11.5	12.3	12	11.8	135
140							10.5	10.4		11.3	11.1	11.2	10.9	10.9	11.1	11.8	11.6	11.6	140
145							10	10.2		11	10.8		10.4	10.5	10.6	11.4	11.2	11.2	145
150							9.8			10.6	10.5		10	10.1	10.2	10.9	10.8	10.9	150
155										10.3	10.3		9.6	9.7	9.9	10.5	10.4	10.5	155
160										10	10.2		9.2	9.3		10.1	10	10.2	160
165													8.9	9		9.7	9.7	9.8	165
170													8.5	8.7		9.4	9.3		170
175													8.3	8.5		9.1	9		175
180																8.8	8.8		180
185																8.5	8.6		185
190																8.3			190

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Lifting capacities
Forces de levage

TVK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
36	22.2																		36
38	22.2																		38
40	22.1			20.8															40
45	21.9			20.7			19.1												45
50	21.7			20.5			19			17.6									50
55	21.5			20.4			18.9			17.5			16.1						55
60	21.3			20.2			18.8			17.4			16			14.2			60
65	20.7	18.4		20			18.6			17.3			15.9			14.1			65
70	20.1	17.8		19.6	17.5		18.5			17.2			15.8			14			70
75	19.5	17.3		19.1	17		18.2	16.5		17.1	15.9		15.7			13.9			75
80	18.9	16.8	15.2	18.6	16.5		17.8	16.1		16.9	15.6		15.6	14.6		13.7			80
85	18.3	16.3	14.9	18.1	16.1	14.7	17.4	15.7		16.6	15.2		15.5	14.4		13.6	13		85
90	17.8	15.8	14.5	17.6	15.6	14.3	17	15.3	14	16.4	14.8		15.4	14.2		13.4	12.9		90
95	17.2	15.3	14.1	17.1	15.2	14	16.5	14.8	13.7	16	14.5	13.4	15.2	13.9		13.3	12.8		95
100	16.6	14.9	13.7	16.5	14.8	13.6	16.1	14.5	13.4	15.6	14.1	13.2	14.9	13.7	12.8	13.2	12.7		100
105	16.1	14.4	13.4	16	14.4	13.4	15.7	14.1	13.1	15.3	13.8	12.9	14.6	13.4	12.6	13.1	12.5	11.5	105
110	15.5	14	13.1	15.5	14	13.1	15.3	13.7	12.8	14.9	13.5	12.7	14.3	13.1	12.4	13	12.3	11.4	110
115	14.9	13.6	12.8	15	13.6	12.8	14.8	13.4	12.6	14.5	13.2	12.4	14	12.8	12.1	12.8	12.1	11.3	115
120	14.3	13.2	12.5	14.5	13.2	12.5	14.4	13.1	12.4	14.2	12.9	12.2	13.7	12.5	12	12.6	11.9	11.1	120
125	13.7	12.8	12.3	14	12.9	12.3	14	12.8	12.1	13.8	12.6	12	13.4	12.3	11.8	12.3	11.6	11	125
130	13.1	12.5	12	13.6	12.6	12	13.6	12.5	11.9	13.5	12.3	11.8	13.1	12.1	11.6	12	11.4	10.8	130
135	12.6	12.2	11.8	13.1	12.2	11.8	13.2	12.2	11.7	13.1	12.1	11.6	12.8	11.8	11.4	11.7	11.2	10.7	135
140	12	11.8	11.6	12.6	11.9	11.6	12.7	11.9	11.5	12.8	11.8	11.4	12.5	11.6	11.2	11.3	10.9	10.6	140
145	11.5	11.5	11.4	12.1	11.7	11.4	12.3	11.6	11.4	12.4	11.6	11.3	12.2	11.4	11.1	10.9	10.7	10.4	145
150	11	11.1	11.1	11.6	11.4	11.3	11.8	11.4	11.2	12.1	11.3	11.1	11.9	11.2	10.9	10.6	10.4	10.3	150
155	10.5	10.6	10.8	11.1	11	11	11.4	11.1	11	11.7	11.1	10.9	11.6	11	10.8	10.2	10.1	10.1	155
160	10.1	10.2	10.4	10.7	10.7	10.7	11	10.8	10.8	11.3	10.9	10.8	11.3	10.8	10.6	9.9	9.8	9.9	160
165	9.7	9.8	10	10.3	10.4	10.5	10.6	10.5	10.6	10.9	10.6	10.6	11	10.6	10.4	9.5	9.5	9.7	165
170	9.2	9.4	9.6	9.9	10	10.1	10.2	10.2	10.3	10.5	10.4	10.4	10.6	10.4	10.3	9.2	9.2	9.4	170
175	8.9	9	9.2	9.5	9.6	9.8	9.7	9.9	10.1	10.2	10.1	10.3	10.3	10.1	10.1	8.9	9	9.1	175
180	8.5	8.6		9.2	9.3	9.5	9.3	9.5	9.8	9.8	9.8	10	10	9.9	10	8.5	8.7	8.9	180
185	8.2	8.3		8.8	8.9	9.1	8.9	9.2	9.5	9.5	9.5	9.7	9.6	9.6	9.8	8.2	8.4	8.6	185
190	7.9	8		8.5	8.6	8.8	8.6	8.8	9.1	9.1	9.2	9.4	9.3	9.4	9.6	7.8	8.1	8.3	190
195	7.6	7.7		8.2	8.3		8.2	8.5	8.7	8.7	8.9	9.1	9	9.1	9.3	7.5	7.8	8.1	195
200	7.3	7.4		7.9	8		7.9	8.1	8.3	8.4	8.6	8.9	8.7	8.9	9.1	7.2	7.5	7.8	200
205	7.1			7.7	7.8		7.5	7.8	7.9	8.1	8.3	8.5	8.4	8.6	8.8	6.9	7.2	7.5	205
210				7.4	7.5		7.2	7.4	7.6	7.8	8	8.2	8	8.3	8.5	6.6	6.9	7.1	210
215				7.3	7.4		6.9	7.1		7.5	7.7	7.9	7.4	8	8.2	6.3	6.6	6.8	215
220				4.5			6.7	6.8		7.2	7.4	7.6	6.8	7.6	7.8	6.1	6.3	6.5	220
225							6.4	6.5		6.9	7.1		6.3	7	7.1	5.8	6.1	6.2	225
230							5.7			6.7	6.9		5.8	6.4	6.5	5.4	5.8	5.9	230
235										6.5	6.6		5.3	5.8	5.8	4.9	5.5	5.6	235
240										5.4	6.3		4.8	5.3		4.5	5.1	5.2	240
245										3.3			4.3	4.8		4	4.6	4.6	245
250													3.9	4.2		3.5	4.1		250
255													2.9			3.1	3.6		255
260																2.7	3.1		260
265																2.3	2.6		265

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Lifting capacities
Forces de levage

TVK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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°	
16	23.2																		16
17	23.2																		17
18	23.2																		18
19	23.2			22.3															19
20	23.2			22.3															20
22	23.1			22.3			20.8												22
24	23.1			22.2			20.8												24
26	23			22.2			20.8			20									26
28	22.8			22.2			20.8			20									28
30	22.6			22.1			20.8			20			18.8						30
32	22.4			21.9			20.8			20			18.8			18			32
34	22.2			21.8			20.8			19.9			18.8			18			34
36	22			21.6			20.7			19.9			18.7			18			36
38	21.8			21.4			20.6			19.9			18.7			17.9			38
40	21.5			21.2			20.4			19.8			18.6			17.9			40
45	20.8	18.4		20.6			19.9			19.5			18.5			17.7			45
50	20.2	17.6		20	17.6		19.5			19.1			18.4			17.6			50
55	19.5	16.9		19.4	17		19	16.7		18.7	16.6		18			17.5			55
60	18.8	16.2		18.8	16.3		18.5	16.2		18.3	16.1		17.6	15.8		17.2			60
65	18.1	15.6	13.1	18.3	15.8		18	15.6		17.9	15.6		17.2	15.4		16.9	15.2		65
70	17.4	15	12.8	17.7	15.2	12.8	17.6	15.2		17.4	15.2		16.9	15		16.5	14.9		70
75	16.6	14.5	12.5	17.1	14.7	12.5	17	14.7	12.5	17	14.8	12.4	16.5	14.6		16.2	14.5		75
80	15.9	14	12.2	16.5	14.3	12.3	16.5	14.3	12.3	16.6	14.4	12.2	16.1	14.3	12.2	15.8	14.2		80
85	15.1	13.5	12	15.9	13.8	12.1	16	13.9	12	16.1	14	12.1	15.8	13.9	12	15.5	13.9	11.9	85
90	14.3	13.1	11.8	15.2	13.4	11.9	15.4	13.6	11.9	15.7	13.7	11.9	15.4	13.6	11.8	15.2	13.6	11.8	90
95	13.5	12.7	11.7	14.4	13.1	11.7	14.8	13.2	11.7	15.2	13.3	11.7	14.9	13.3	11.7	14.8	13.4	11.6	95
100	12.8	12.2	11.6	13.7	12.7	11.6	14.2	12.9	11.6	14.6	13.1	11.6	14.6	13	11.5	14.5	13.1	11.5	100
105	12.1	11.6	11.4	13.1	12.3	11.5	13.5	12.5	11.5	14	12.8	11.5	14.1	12.8	11.4	14.1	12.8	11.4	105
110	11.4	11.1	11	12.4	11.8	11.4	12.9	12.1	11.4	13.5	12.4	11.4	13.6	12.4	11.4	13.7	12.5	11.3	110
115	10.8	10.6	10.7	11.8	11.3	11.1	12.4	11.6	11.3	12.9	12	11.3	13.1	12.1	11.3	13.3	12.2	11.3	115
120	10.3	10.1	10.5	11.3	10.8	10.8	11.9	11.2	11	12.4	11.6	11.1	12.6	11.7	11.2	12.9	11.9	11.2	120
125	9.8	9.8		10.7	10.4	10.5	11.4	10.8	10.7	12	11.2	10.9	12.1	11.4	11	12.5	11.5	11	125
130	9.3	9.6		10.3	10.1	10.4	10.9	10.5	10.5	11.5	10.9	10.7	11.6	11	10.7	12.1	11.2	10.8	130
135				9.8	9.7		10.5	10.1	10.2	11.1	10.5	10.5	11.1	10.7	10.5	11.7	10.9	10.6	135
140				9.5	9.5		10	9.8	10	10.7	10.2	10.3	10.7	10.4	10.3	11.3	10.6	10.4	140
145				9.1			9.7	9.5		10.3	9.9	10.1	10.2	10.1	10.2	10.9	10.4	10.2	145
150							9.3	9.3		10	9.7	10	9.8	9.8	9.9	10.5	10.1	10.1	150
155							9	9.1		9.6	9.4		9.4	9.4	9.6	10.1	9.9	9.9	155
160										9.4	9.3		9	9	9.2	9.7	9.6	9.7	160
165										9.1	9.1		8.7	8.7	8.9	9.4	9.3	9.5	165
170										8.9	9.1		8.3	8.4		9	9	9.2	170
175													8	8.1		8.7	8.7	8.9	175
180													7.8	7.8		8.4	8.4		180
185													7.5			8.1	8.2		185
190																7.9	8		190
195																7.7	7.8		195
200																7.6			200

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Lifting capacities
Forces de levage

TVK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
36	16.9																		36
38	16.9																		38
40	16.8			16.1															40
45	16.7			16			15.1												45
50	16.6			15.9			15.1			14.2									50
55	16.5			15.9			15			14.1			13.2						55
60	16.4			15.8			14.9			14.1			13.1			11.8			60
65	16.2			15.7			14.9			14			13			11.8			65
70	15.9	14.6		15.5			14.8			13.9			13			11.7			70
75	15.6	14.3		15.2	14		14.6			13.8			12.9			11.7			75
80	15.3	14		15	13.8		14.4	13.5		13.7	13.1		12.9			11.6			80
85	15	13.7		14.7	13.6		14.1	13.3		13.6	13		12.8	12.4		11.6			85
90	14.7	13.4	11.7	14.4	13.3	11.6	13.9	13.1		13.4	12.8		12.7	12.3		11.5	11.1		90
95	14.4	13.2	11.6	14.2	13.1	11.5	13.7	12.9	11.3	13.2	12.6		12.5	12.2		11.4	11.1		95
100	14.1	13	11.4	13.9	12.9	11.4	13.5	12.7	11.3	13	12.4	11.1	12.4	12		11.3	11.1		100
105	13.8	12.7	11.3	13.6	12.7	11.3	13.2	12.4	11.2	12.8	12.2	11.1	12.2	11.8	10.9	11.2	11		105
110	13.5	12.4	11.3	13.4	12.4	11.2	13	12.2	11.1	12.6	11.9	11	12	11.5	10.8	11.1	10.8		110
115	13.2	12.1	11.2	13.1	12.1	11.1	12.8	11.9	11	12.4	11.6	10.9	11.9	11.3	10.7	11	10.7	10.2	115
120	12.8	11.8	11.1	12.8	11.8	11	12.5	11.6	10.9	12.2	11.4	10.8	11.7	11.1	10.6	10.9	10.5	10.1	120
125	12.5	11.5	10.9	12.5	11.5	10.9	12.3	11.3	10.8	12	11.2	10.6	11.5	10.9	10.4	10.8	10.3	10	125
130	12.1	11.2	10.8	12.2	11.2	10.7	12	11.1	10.6	11.8	10.9	10.5	11.4	10.7	10.3	10.6	10.2	9.9	130
135	11.8	10.9	10.6	11.9	11	10.5	11.7	10.9	10.5	11.6	10.7	10.3	11.2	10.5	10.1	10.5	10	9.7	135
140	11.4	10.7	10.4	11.6	10.7	10.4	11.5	10.6	10.3	11.3	10.5	10.2	11	10.3	10	10.3	9.8	9.6	140
145	11	10.4	10.2	11.2	10.5	10.2	11.2	10.4	10.1	11.1	10.3	10	10.8	10.1	9.8	10.2	9.6	9.5	145
150	10.6	10.2	10.1	11	10.2	10.1	10.9	10.2	10	10.8	10.1	9.9	10.6	9.9	9.7	10	9.5	9.4	150
155	10.3	9.9	9.9	10.6	10	9.9	10.7	10	9.9	10.6	9.9	9.7	10.4	9.8	9.6	9.7	9.3	9.3	155
160	9.8	9.7	9.8	10.3	9.8	9.8	10.4	9.8	9.7	10.4	9.7	9.6	10.2	9.6	9.5	9.5	9.2	9.1	160
165	9.4	9.5	9.6	10	9.6	9.6	10.1	9.6	9.6	10.2	9.6	9.5	10	9.4	9.4	9.2	9	9	165
170	9	9.2	9.4	9.6	9.4	9.5	9.8	9.4	9.5	10	9.4	9.4	9.8	9.3	9.3	8.9	8.8	8.9	170
175	8.7	8.9	9.1	9.3	9.2	9.4	9.5	9.3	9.4	9.7	9.2	9.3	9.6	9.1	9.2	8.6	8.6	8.7	175
180	8.4	8.5	8.8	8.9	9	9.2	9.2	9.1	9.3	9.4	9.1	9.2	9.4	9	9.1	8.3	8.4	8.5	180
185	8	8.2	8.4	8.6	8.7	9	8.8	8.9	9.1	9.2	8.9	9.1	9.2	8.9	9	8	8.1	8.3	185
190	7.7	7.8		8.3	8.4	8.6	8.5	8.7	8.9	8.9	8.8	9	9	8.7	8.9	7.7	7.9	8.1	190
195	7.4	7.6		8	8.1	8.4	8.1	8.4	8.7	8.6	8.6	8.9	8.7	8.6	8.8	7.3	7.6	7.9	195
200	7.1	7.3		7.7	7.8		7.8	8.1	8.3	8.3	8.4	8.7	8.4	8.4	8.7	7.1	7.3	7.6	200
205	6.9	7		7.4	7.6		7.5	7.7	8	7.9	8.2	8.4	8.2	8.2	8.5	6.8	7.1	7.4	205
210	6.7	6.8		7.2	7.3		7.2	7.4	7.6	7.7	7.9	8.1	7.9	8.1	8.3	6.5	6.8	7.1	210
215	5.6			7	7.1		6.9	7.1	7.3	7.4	7.6	7.8	7.6	7.8	8.1	6.2	6.6	6.8	215
220				6.8	6.9		6.6	6.8		7.1	7.3	7.5	7.2	7.6	7.8	6	6.3	6.6	220
225				6.6			6.3	6.5		6.8	7	7.2	6.6	7.3	7.6	5.7	6	6.3	225
230				2.5			6.1	6.2		6.6	6.8	7	6.1	6.9	7.2	5.5	5.7	6	230
235							5.8	6		6.4	6.5		5.6	6.3	6.5	5.2	5.5	5.7	235
240							4.6			6.1	6.3		5.2	5.8	5.9	4.8	5.3	5.4	240
245										5.9	6.1		4.7	5.3		4.3	5	5.2	245
250										4.5			4.2	4.8		3.9	4.6	4.7	250
255										2.3			3.8	4.3		3.5	4.1		255
260													3.4	3.8		3.1	3.6		260
265													2			2.7	3.1		265
270																2.3	2.7		270
275																1.6			275

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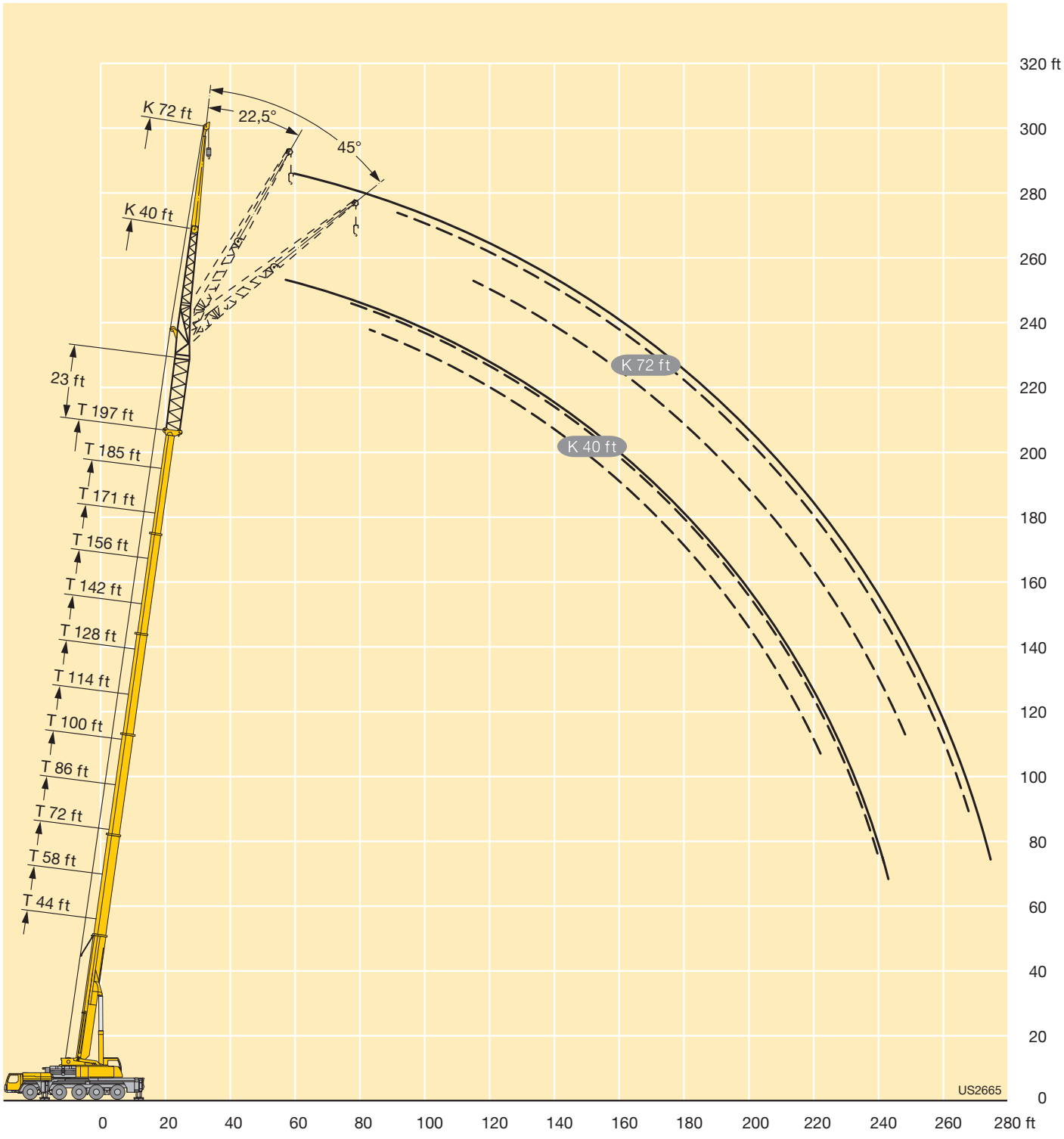
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22,5°
45°
K 40 ft
23 ft
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T 86 ft
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320 ft
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280
260
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220
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80
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20
40
60
80
100
120
140
160
180
200
220
240
260
280 ft

Lifting capacities
Forces de levage

TVK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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	25.7																		19
20	25.7																		20
22	25.6			23.1															22
24	25.6			23.1															24
26	25.5			23.1			20.9												26
28	25.4			23			20.9												28
30	25.2			23			20.9			19.6									30
32	24.9			23			20.8			19.6									32
34	24.6			22.9			20.8			19.5			18						34
36	24.2			22.8			20.7			19.5			17.9			16.9			36
38	23.7			22.7			20.6			19.4			17.8			16.8			38
40	23.1			22.4			20.5			19.3			17.8			16.8			40
45	21.8			21.8			20.2			19.1			17.6			16.6			45
50	20.4			20.9			19.8			18.9			17.4			16.5			50
55	19.1	15.7		19.9	15.5		19.2			18.6			17.2			16.4			55
60	17.9	14.8		19	14.8		18.4	14.5		18			17			16.2			60
65	16.8	14		18	14.1		17.5	13.9		17.3	13.8		16.6			16			65
70	15.7	13.3		17	13.4		16.8	13.3		16.7	13.2		16.1	13		15.7			70
75	14.7	12.6	10.1	16.1	12.8		16	12.7		16	12.7		15.5	12.6		15.2	12.4		75
80	13.7	12	9.7	15.2	12.3	9.8	15.2	12.2		15.3	12.3		14.9	12.1		14.7	12.1		80
85	12.8	11.5	9.4	14.3	11.7	9.5	14.5	11.8	9.4	14.6	11.8		14.4	11.7		14.2	11.7		85
90	12	11	9.1	13.5	11.3	9.2	13.7	11.3	9.2	14	11.4	9.2	13.8	11.4	9.1	13.7	11.3		90
95	11.1	10.5	8.9	12.7	10.8	9	13	10.9	9	13.4	11.1	9	13.2	11	8.9	13.2	11	8.9	95
100	10.5	10.1	8.7	12.1	10.4	8.8	12.4	10.6	8.8	12.7	10.7	8.8	12.7	10.7	8.7	12.8	10.7	8.7	100
105	9.8	9.7	8.5	11.4	10	8.6	11.8	10.2	8.6	12.2	10.4	8.6	12.2	10.4	8.6	12.3	10.4	8.6	105
110	9.3	9.4	8.3	10.8	9.7	8.4	11.2	9.9	8.4	11.7	10.1	8.5	11.7	10.1	8.4	11.9	10.1	8.4	110
115	8.7	9	8.2	10.2	9.4	8.3	10.7	9.6	8.3	11.1	9.8	8.3	11.3	9.8	8.3	11.4	9.9	8.3	115
120	8.2	8.6	8.2	9.7	9.1	8.2	10.2	9.3	8.2	10.7	9.5	8.2	10.8	9.6	8.2	11	9.6	8.2	120
125	7.8	8.2	8.1	9.2	8.7	8.1	9.7	9	8.1	10.2	9.2	8.1	10.4	9.3	8.1	10.6	9.4	8.1	125
130	7.4	7.8	7.9	8.7	8.3	8.1	9.3	8.7	8	9.8	9	8.1	10	9.1	8	10.2	9.2	8	130
135	7	7.5	7.8	8.3	8	8	8.9	8.3	8	9.4	8.7	8	9.6	8.8	8	9.9	8.9	7.9	135
140	6.7	7.2		7.9	7.7	7.8	8.5	8	7.9	9	8.4	8	9.2	8.5	7.9	9.5	8.7	7.9	140
145	6.5			7.5	7.4		8.1	7.7	7.8	8.6	8.1	7.9	8.9	8.2	7.8	9.2	8.4	7.8	145
150				7.2	7.2		7.8	7.5	7.6	8.3	7.8	7.8	8.6	8	7.8	8.9	8.2	7.8	150
155				6.9	7		7.4	7.3	7.6	8	7.6	7.6	8.2	7.8	7.7	8.6	7.9	7.7	155
160							7.1	7.1		7.7	7.3	7.5	7.9	7.5	7.6	8.3	7.7	7.6	160
165							6.9	6.9		7.4	7.2	7.5	7.6	7.3	7.5	8	7.5	7.5	165
170							6.7	6.8		7.1	7		7.2	7.1	7.4	7.8	7.3	7.4	170
175										6.9	6.8		7	7	7.2	7.5	7.2	7.3	175
180										6.7	6.8		6.7	6.7		7.3	7	7.2	180
185										6.5			6.4	6.5		7	6.8	7.2	185
190													6.2	6.2		6.7	6.7	7	190
195													5.9	6		6.5	6.5		195
200													5.8			6.3	6.3		200
205																6.1	6.1		205
210																5.9	6.1		210
215																5.7			215

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Lifting capacities
Forces de levage

TVK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
40	15.5																		40
45	15.4			14.6															45
50	15.3			14.5			13.5												50
55	15.2			14.4			13.4			12.5									55
60	15.1			14.3			13.3			12.4			11.4						60
65	14.9			14.1			13.2			12.3			11.3			10			65
70	14.7			13.9			13.1			12.2			11.2			9.8			70
75	14.4			13.7			12.9			12			11.1			9.7			75
80	14.1	11.8		13.5			12.7			11.9			10.9			9.6			80
85	13.7	11.5		13.3	11.4		12.5	11		11.7			10.8			9.4			85
90	13.3	11.2		13	11.1		12.3	10.8		11.5	10.5		10.6			9.3			90
95	12.9	10.9		12.7	10.8		12.1	10.6		11.4	10.3		10.5	9.8		9.2			95
100	12.5	10.6	8.7	12.3	10.5		11.9	10.4		11.2	10.1		10.4	9.7		9.1	8.6		100
105	12.1	10.3	8.5	12	10.3	8.5	11.6	10.1		11	9.9		10.2	9.6		8.9	8.6		105
110	11.7	10.1	8.4	11.6	10	8.3	11.3	9.9	8.2	10.8	9.7		10.1	9.5		8.9	8.6		110
115	11.3	9.8	8.2	11.3	9.8	8.2	11	9.7	8.1	10.6	9.5	8	9.9	9.3		8.8	8.6		115
120	10.9	9.6	8.1	10.9	9.6	8.1	10.7	9.5	8	10.4	9.3	8	9.8	9.1	7.8	8.7	8.5		120
125	10.6	9.4	8	10.6	9.4	8	10.4	9.3	8	10.2	9.1	7.9	9.6	8.9	7.8	8.7	8.3	7.5	125
130	10.2	9.1	8	10.3	9.2	7.9	10.1	9	7.9	9.9	8.9	7.8	9.5	8.7	7.7	8.6	8.2	7.5	130
135	9.9	8.9	7.9	10	8.9	7.9	9.9	8.8	7.8	9.7	8.7	7.7	9.3	8.5	7.6	8.5	8.1	7.4	135
140	9.6	8.7	7.8	9.7	8.7	7.8	9.6	8.6	7.7	9.5	8.5	7.7	9.1	8.3	7.6	8.4	7.9	7.4	140
145	9.3	8.4	7.8	9.4	8.5	7.7	9.3	8.4	7.7	9.2	8.3	7.6	8.9	8.2	7.5	8.3	7.7	7.3	145
150	9	8.2	7.7	9.1	8.3	7.7	9.1	8.2	7.6	9	8.1	7.6	8.8	8	7.5	8.2	7.6	7.2	150
155	8.7	8	7.7	8.8	8	7.6	8.8	8	7.6	8.8	8	7.5	8.6	7.8	7.4	8	7.5	7.1	155
160	8.4	7.8	7.6	8.6	7.9	7.6	8.6	7.8	7.5	8.6	7.8	7.4	8.4	7.7	7.3	7.9	7.3	7.1	160
165	8.2	7.6	7.5	8.3	7.7	7.5	8.4	7.7	7.4	8.3	7.6	7.4	8.2	7.5	7.2	7.7	7.2	7	165
170	7.9	7.4	7.4	8.1	7.5	7.4	8.1	7.5	7.3	8.1	7.5	7.3	8	7.4	7.2	7.5	7	6.9	170
175	7.7	7.2	7.3	7.9	7.3	7.3	7.9	7.3	7.2	7.9	7.3	7.2	7.8	7.2	7.1	7.3	6.9	6.8	175
180	7.4	7.1	7.2	7.7	7.2	7.2	7.7	7.2	7.1	7.7	7.2	7.1	7.7	7.1	7	7.2	6.8	6.7	180
185	7.1	6.9	7.1	7.4	7	7.1	7.5	7	7.1	7.5	7.1	7	7.5	7	6.9	6.9	6.7	6.7	185
190	6.8	6.8	7.1	7.2	6.9	7.1	7.3	6.9	7	7.4	6.9	6.9	7.3	6.8	6.8	6.7	6.5	6.6	190
195	6.5	6.6	6.9	7	6.7	7	7.1	6.8	6.9	7.2	6.8	6.9	7.2	6.7	6.8	6.5	6.4	6.5	195
200	6.2	6.4	6.6	6.7	6.6	7	6.9	6.6	6.9	7	6.7	6.8	7	6.6	6.7	6.2	6.3	6.5	200
205	5.9	6.1		6.5	6.5	6.9	6.6	6.5	6.8	6.8	6.6	6.8	6.9	6.5	6.7	5.9	6.1	6.3	205
210	5.7	5.8		6.2	6.4	6.6	6.3	6.4	6.7	6.7	6.4	6.7	6.7	6.4	6.6	5.7	5.9	6.2	210
215	5.5	5.6		6	6.1		6.1	6.2	6.6	6.5	6.3	6.7	6.5	6.3	6.6	5.5	5.7	6	215
220	5.3	5.5		5.7	5.9		5.8	6.1	6.3	6.2	6.2	6.6	6.3	6.2	6.5	5.2	5.5	5.8	220
225	5.2			5.5	5.7		5.5	5.8	6	6	6.1	6.4	6.1	6.1	6.5	5	5.3	5.6	225
230	2.1			5.4	5.5		5.3	5.5	5.7	5.7	5.9	6.2	5.8	6	6.4	4.8	5.1	5.3	230
235				5.2	5.4		5.1	5.3		5.5	5.7	5.9	5.4	5.9	6.2	4.6	4.9	5.1	235
240				5			4.9	5.1		5.3	5.5	5.7	4.9	5.8	6	4.4	4.7	4.9	240
245							4.7	4.9		5.1	5.3	5.4	4.4	5.3	5.6	4	4.5	4.7	245
250							4.5	4.7		5	5.1		4	4.8	5	3.6	4.3	4.5	250
255							2.8			4.8	4.9		3.6	4.3	4.4	3.2	4.1	4.2	255
260										4.3	4.8		3.2	3.8		2.8	3.6	3.8	260
265										2.9			2.7	3.3		2.4	3.1	3.2	265
270													2.4	2.9		2	2.6		270
275													2	2.4		1.6	2.2		275

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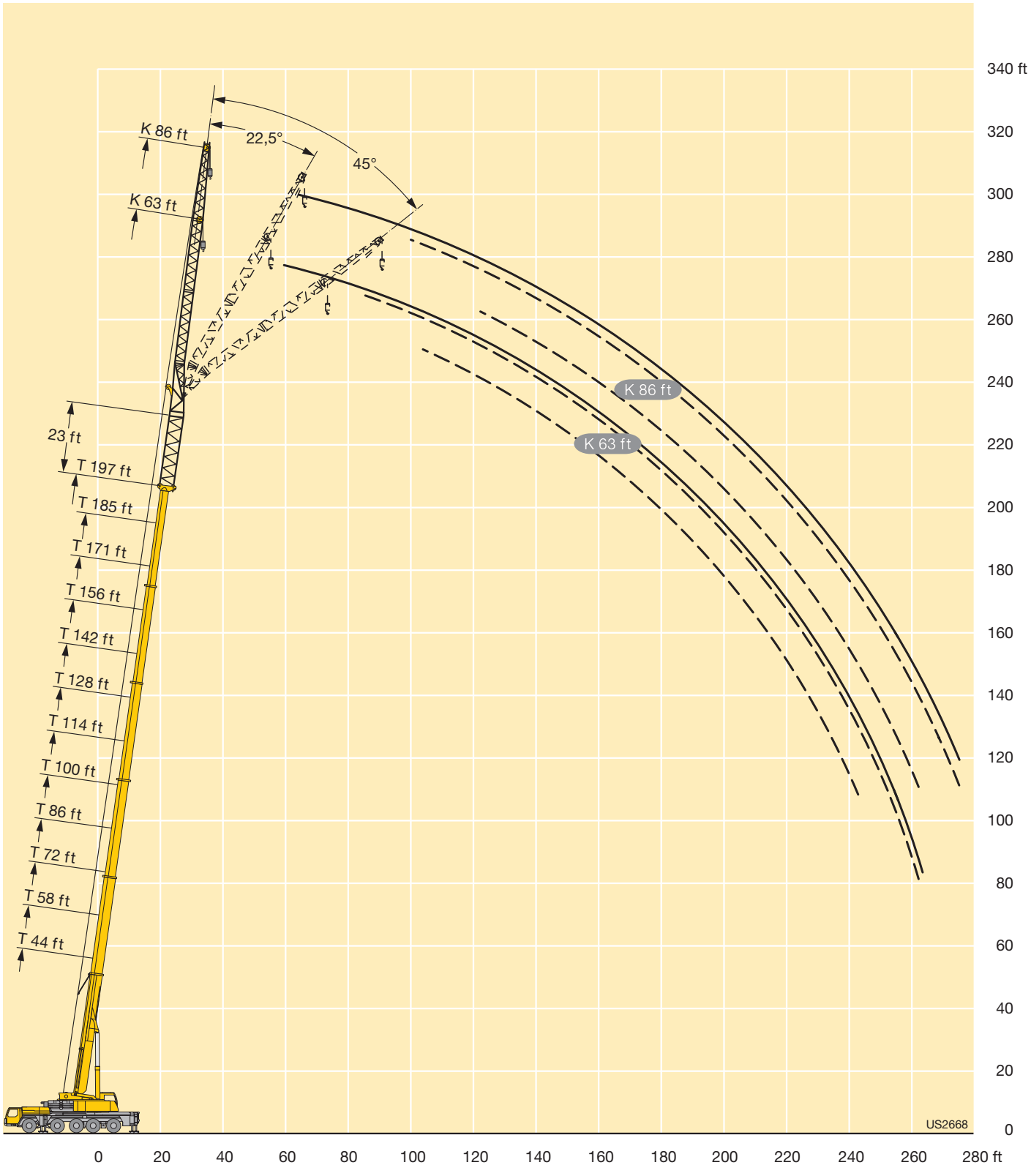
Lifting heights
Hauteurs de levage



Lifting capacities
Forces de levage

TVK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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	17.6																		20
22	17.6																		22
24	17.5			16.7															24
26	17.5			16.7			15.6												26
28	17.5			16.7			15.6												28
30	17.5			16.7			15.6			14.9									30
32	17.5			16.7			15.6			14.9									32
34	17.4			16.6			15.6			14.8			14						34
36	17.4			16.6			15.5			14.8			13.9						36
38	17.3			16.5			15.4			14.7			13.9			13.3			38
40	17.2			16.4			15.4			14.7			13.8			13.2			40
45	16.8			16.3			15.2			14.6			13.7			13.1			45
50	16.2			15.9			15.1			14.5			13.6			13.1			50
55	15.7			15.5			14.9			14.4			13.5			13			55
60	15	12.6		15			14.5			14.2			13.4			12.9			60
65	14.4	12		14.4	12		14.1	11.8		13.8			13.3			12.8			65
70	13.8	11.4		13.9	11.5		13.6	11.3		13.5	11.2		13			12.7			70
75	13.1	10.9		13.3	11		13.2	10.9		13.1	10.8		12.7	10.6		12.5			75
80	12.5	10.4		12.8	10.5		12.7	10.5		12.7	10.5		12.4	10.3		12.2	10.2		80
85	11.9	10	8.2	12.2	10.1		12.2	10.1		12.3	10.1		12	10		11.9	9.9		85
90	11.3	9.6	7.9	11.7	9.7	8	11.8	9.7	7.9	11.9	9.8		11.7	9.7		11.6	9.6		90
95	10.7	9.2	7.7	11.2	9.4	7.7	11.3	9.4	7.7	11.5	9.5	7.7	11.3	9.4		11.3	9.4		95
100	10.2	8.8	7.5	10.7	9	7.5	10.9	9.1	7.5	11.1	9.2	7.5	11	9.1	7.4	11	9.1		100
105	9.7	8.5	7.3	10.2	8.7	7.4	10.5	8.8	7.4	10.7	8.9	7.4	10.7	8.9	7.3	10.7	8.9	7.3	105
110	9.2	8.2	7.2	9.8	8.4	7.2	10.1	8.5	7.2	10.3	8.6	7.2	10.3	8.6	7.2	10.4	8.7	7.2	110
115	8.7	7.9	7	9.4	8.1	7.1	9.7	8.3	7.1	10	8.4	7.1	10	8.4	7.1	10.1	8.4	7	115
120	8.2	7.6	6.9	9	7.9	7	9.3	8	7	9.6	8.2	7	9.7	8.2	7	9.8	8.2	7	120
125	7.8	7.4	6.8	8.6	7.7	6.9	9	7.8	6.9	9.3	8	6.9	9.4	8	6.9	9.5	8	6.9	125
130	7.4	7.2	6.8	8.1	7.5	6.8	8.6	7.6	6.8	8.9	7.8	6.8	9.1	7.8	6.8	9.2	7.9	6.8	130
135	7	7	6.8	7.7	7.3	6.7	8.2	7.4	6.7	8.6	7.6	6.7	8.8	7.6	6.7	8.9	7.7	6.7	135
140	6.6	6.8	6.8	7.4	7.1	6.7	7.9	7.2	6.7	8.2	7.4	6.7	8.4	7.5	6.6	8.6	7.5	6.6	140
145	6.3	6.5	6.8	7	6.9	6.7	7.5	7.1	6.7	7.9	7.2	6.6	8.1	7.3	6.6	8.4	7.4	6.6	145
150	6	6.3		6.7	6.7	6.7	7.2	6.9	6.7	7.6	7.1	6.6	7.8	7.2	6.6	8.1	7.2	6.6	150
155				6.4	6.5	6.7	6.9	6.7	6.7	7.3	6.9	6.6	7.6	7	6.6	7.8	7.1	6.5	155
160				6.1	6.3		6.7	6.5	6.7	7.1	6.8	6.6	7.3	6.9	6.6	7.6	7	6.5	160
165				5.9	6.2		6.4	6.3		6.8	6.6	6.6	7.1	6.7	6.6	7.3	6.8	6.5	165
170							6.2	6.2		6.6	6.4	6.6	6.9	6.6	6.6	7.1	6.7	6.5	170
175							6	6.1		6.3	6.3	6.6	6.6	6.4	6.6	6.9	6.5	6.5	175
180							5.8			6.1	6.1		6.4	6.2	6.5	6.7	6.4	6.5	180
185										6	6		6.2	6.1	6.5	6.5	6.3	6.5	185
190										5.8	6		6	6		6.3	6.1	6.4	190
195										5.7			5.7	5.8		6.1	6	6.4	195
200													5.5	5.6		6	5.9	6.4	200
205													5.4	5.5		5.8	5.8		205
210													5.3			5.6	5.7		210
215																5.5	5.6		215
220																5.4	5.6		220
225																2.7			225

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Lifting capacities
Forces de levage

TVK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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	12.3			11.8														45
50	12.3			11.8			11.1											50
55	12.2			11.7			11.1			10.4								55
60	12.1			11.6			11			10.3			9.6					60
65	12.1			11.6			10.9			10.3			9.5			8.5		65
70	12			11.5			10.8			10.2			9.5			8.5		70
75	11.9			11.4			10.8			10.1			9.4			8.4		75
80	11.7			11.3			10.7			10			9.4			8.3		80
85	11.5	9.7		11.2	9.6		10.6			10			9.3			8.2		85
90	11.2	9.5		11	9.4		10.5	9.1		9.9			9.1			8.2		90
95	11	9.2		10.8	9.1		10.4	9		9.8	8.8		9.1			8.1		95
100	10.7	9		10.6	8.9		10.2	8.8		9.7	8.6		9	8.3		8		100
105	10.5	8.8		10.4	8.7		10	8.6		9.6	8.4		8.9	8.2		7.9	7.4	105
110	10.2	8.6	7.1	10.1	8.5	7	9.8	8.4		9.4	8.3		8.8	8		7.8	7.4	110
115	10	8.4	7	9.9	8.3	6.9	9.6	8.2	6.9	9.3	8.1		8.7	7.9		7.7	7.5	115
120	9.7	8.2	6.9	9.7	8.2	6.9	9.4	8.1	6.8	9.1	7.9	6.7	8.6	7.8		7.6	7.4	120
125	9.4	8	6.8	9.4	8	6.8	9.2	7.9	6.7	8.9	7.8	6.6	8.5	7.6	6.5	7.6	7.2	125
130	9.2	7.8	6.7	9.2	7.8	6.7	9	7.8	6.6	8.8	7.7	6.5	8.4	7.5	6.4	7.5	7.2	130
135	8.9	7.7	6.7	8.9	7.7	6.6	8.8	7.6	6.6	8.6	7.5	6.5	8.2	7.4	6.4	7.4	7.1	135
140	8.7	7.5	6.6	8.7	7.5	6.6	8.6	7.5	6.5	8.4	7.4	6.4	8.1	7.2	6.3	7.4	6.9	140
145	8.4	7.4	6.5	8.5	7.4	6.5	8.4	7.3	6.5	8.2	7.3	6.4	7.9	7.1	6.3	7.3	6.9	145
150	8.1	7.2	6.5	8.2	7.3	6.4	8.2	7.2	6.4	8	7.2	6.3	7.8	7	6.2	7.2	6.8	150
155	7.9	7.1	6.5	8	7.1	6.4	7.9	7.1	6.4	7.8	7.1	6.3	7.6	6.9	6.2	7.1	6.7	155
160	7.7	7	6.4	7.8	7	6.4	7.8	7	6.3	7.7	6.9	6.3	7.5	6.8	6.2	7	6.6	160
165	7.4	6.9	6.4	7.6	6.9	6.4	7.6	6.9	6.3	7.5	6.8	6.2	7.3	6.7	6.2	6.9	6.5	165
170	7.2	6.7	6.4	7.4	6.8	6.4	7.4	6.8	6.3	7.3	6.7	6.2	7.2	6.6	6.1	6.8	6.3	170
175	7	6.6	6.4	7.2	6.6	6.4	7.2	6.6	6.3	7.1	6.6	6.2	7	6.5	6.1	6.6	6.2	175
180	6.8	6.5	6.4	7	6.5	6.4	7	6.5	6.3	7	6.5	6.2	6.9	6.4	6.1	6.5	6.1	180
185	6.6	6.3	6.4	6.8	6.4	6.3	6.9	6.4	6.3	6.8	6.4	6.2	6.7	6.3	6.1	6.4	6	185
190	6.4	6.2	6.4	6.6	6.2	6.3	6.7	6.2	6.3	6.7	6.2	6.2	6.6	6.2	6.1	6.2	5.9	190
195	6.2	6.1	6.3	6.4	6.1	6.3	6.5	6.1	6.2	6.5	6.1	6.2	6.5	6	6	6.1	5.8	195
200	6.1	5.9	6.3	6.3	6	6.3	6.3	6	6.2	6.4	6	6.1	6.3	6	6	5.9	5.7	200
205	5.8	5.8	6.2	6.1	5.9	6.2	6.2	5.9	6.1	6.2	5.9	6.1	6.2	5.9	6	5.7	5.6	205
210	5.6	5.7		6	5.8	6.2	6	5.8	6.1	6.1	5.8	6	6.1	5.8	5.9	5.5	5.5	210
215	5.4	5.5		5.8	5.7	6.2	5.9	5.7	6.1	6	5.7	6	5.9	5.7	5.9	5.3	5.4	215
220	5.2	5.4		5.6	5.6	6	5.7	5.6	6.1	5.8	5.6	6	5.8	5.6	5.8	5.1	5.3	220
225	5	5.2		5.4	5.5		5.5	5.5	6	5.7	5.5	5.9	5.7	5.5	5.8	4.9	5.2	225
230	4.9	5		5.3	5.4		5.3	5.5	5.7	5.5	5.4	5.9	5.6	5.5	5.8	4.7	5.1	230
235	4.7			5.1	5.2		5.1	5.3	5.5	5.4	5.4	5.9	5.5	5.4	5.8	4.5	4.9	235
240				5	5.1		4.9	5.1		5.2	5.4	5.7	5.2	5.3	5.8	4.4	4.7	240
245				4.8	5		4.7	4.9		5.1	5.3	5.4	4.8	5.2	5.6	4.2	4.5	245
250				4.1			4.5	4.7		4.9	5.1	5.2	4.3	5.1	5.5	3.9	4.3	250
255							4.4	4.5		4.7	4.9		3.9	4.8	5.1	3.5	4.1	255
260							4.1			4.5	4.7		3.4	4.3	4.5	3.1	3.9	260
265							1.7			4.3	4.6		3.1	3.8	3.9	2.7	3.6	265
270										3.8	4.4		2.7	3.4		2.3	3.1	270
275										2.1			2.3	2.9		1.9	2.7	275
280													2	2.5		1.6	2.3	280
285														2				285

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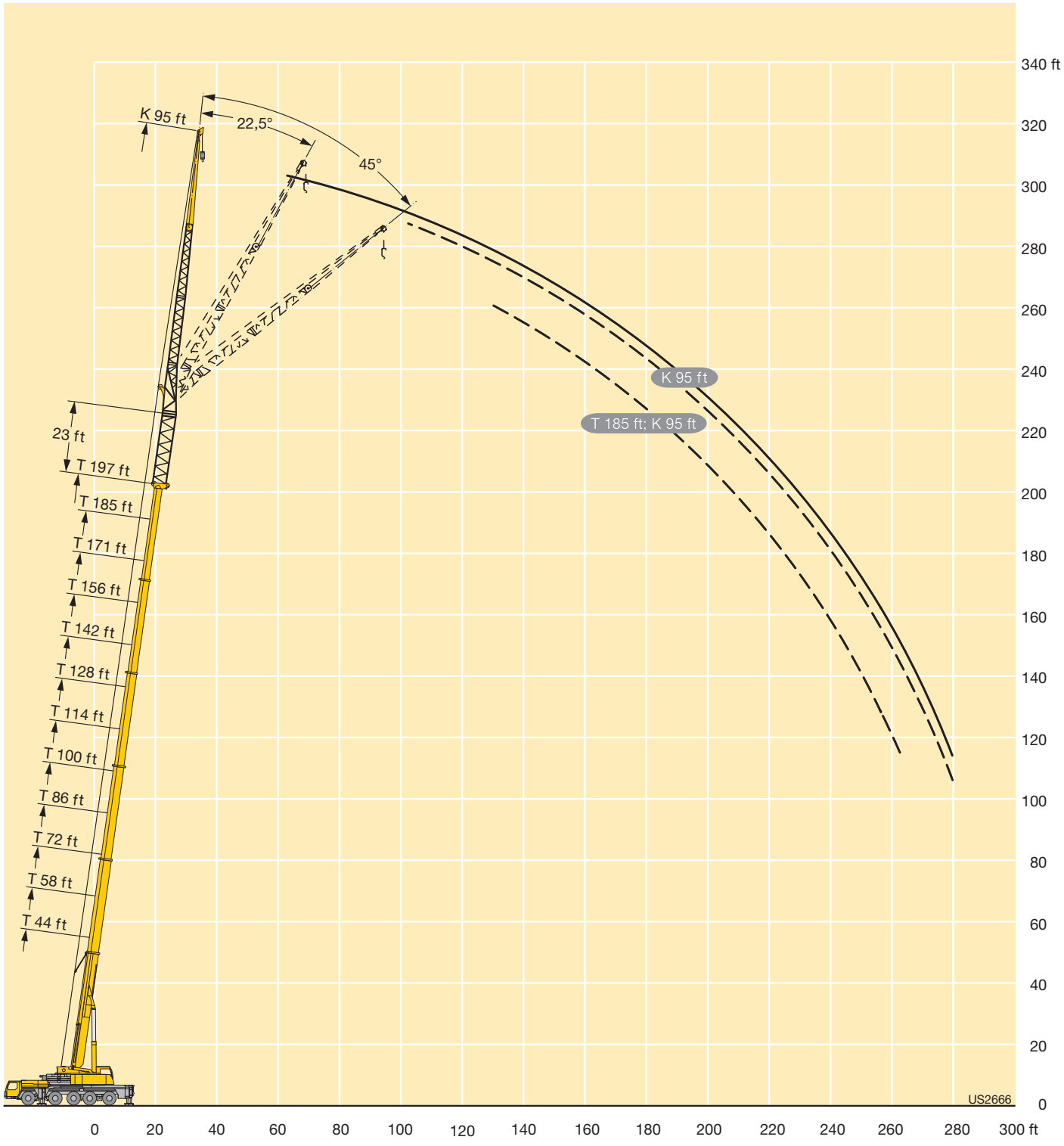
K 95 ft
22,5°
45°
23 ft
T 197 ft
T 185 ft
T 171 ft
T 156 ft
T 142 ft
T 128 ft
T 114 ft
T 100 ft
T 86 ft
T 72 ft
T 58 ft
T 44 ft
K 95 ft
T 185 ft; K 95 ft
US2666
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300 ft
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
320
340 ft

Lifting capacities
Forces de levage

TVK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 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°	
24	13.1																		24
26	13.1																		26
28	13			12.4															28
30	13			12.3															30
32	13			12.3			11.4												32
34	12.9			12.2			11.4			10.8									34
36	12.9			12.2			11.3			10.8									36
38	12.8			12.2			11.3			10.8			10.1						38
40	12.8			12.1			11.3			10.7			10						40
45	12.5			12			11.2			10.7			10			9.5			45
50	12.1			11.8			11.1			10.6			9.9			9.5			50
55	11.7			11.4			10.9			10.5			9.8			9.4			55
60	11.2			11			10.6			10.3			9.7			9.3			60
65	10.7			10.6			10.3			10			9.6			9.2			65
70	10.2	8.4		10.2			9.9			9.8			9.4			9.1			70
75	9.8	8		9.8	7.9		9.6			9.4			9.1			8.9			75
80	9.3	7.6		9.4	7.6		9.2	7.4		9.1			8.9			8.7			80
85	8.8	7.2		9	7.2		8.9	7.1		8.8	7.1		8.6			8.5			85
90	8.4	6.9		8.6	6.9		8.5	6.8		8.5	6.8		8.3	6.7		8.2			90
95	8	6.5		8.2	6.6		8.2	6.6		8.2	6.5		8.1	6.4		8	6.4		95
100	7.5	6.2		7.8	6.3		7.8	6.3		7.9	6.3		7.8	6.2		7.7	6.2		100
105	7.1	5.9	4.9	7.4	6.1	4.9	7.5	6		7.6	6.1		7.5	6		7.5	6		105
110	6.8	5.7	4.7	7.1	5.8	4.7	7.2	5.8	4.7	7.3	5.8		7.3	5.8		7.3	5.8		110
115	6.4	5.5	4.6	6.7	5.6	4.6	6.9	5.6	4.6	7	5.6	4.6	7	5.6		7	5.6		115
120	6.1	5.2	4.5	6.4	5.4	4.5	6.6	5.4	4.5	6.8	5.4	4.5	6.8	5.5	4.4	6.8	5.4		120
125	5.8	5.1	4.4	6.1	5.2	4.4	6.3	5.2	4.4	6.5	5.3	4.4	6.5	5.3	4.4	6.6	5.3	4.3	125
130	5.5	4.9	4.3	5.8	5	4.3	6	5	4.3	6.2	5.1	4.3	6.3	5.1	4.3	6.4	5.2	4.3	130
135	5.2	4.7	4.2	5.6	4.9	4.2	5.8	4.9	4.2	6	5	4.2	6.1	5	4.2	6.2	5	4.2	135
140	5	4.6	4.1	5.4	4.7	4.2	5.5	4.8	4.1	5.8	4.9	4.2	5.9	4.9	4.1	5.9	4.9	4.1	140
145	4.7	4.4	4.1	5.1	4.6	4.1	5.3	4.7	4.1	5.6	4.7	4.1	5.6	4.7	4.1	5.8	4.8	4.1	145
150	4.5	4.3	4.1	4.9	4.4	4	5.1	4.6	4.1	5.4	4.6	4	5.5	4.6	4	5.6	4.7	4	150
155	4.3	4.2	4.1	4.7	4.3	4	5	4.4	4	5.2	4.5	4	5.3	4.5	4	5.4	4.6	4	155
160	4.1	4.1	4.1	4.5	4.2	4	4.8	4.3	4	5	4.4	4	5.1	4.4	3.9	5.2	4.5	3.9	160
165	3.9	4.1	4.1	4.3	4.1	4	4.6	4.2	4	4.8	4.3	3.9	5	4.3	3.9	5.1	4.4	3.9	165
170	3.7	4		4.1	4.1	4	4.5	4.1	4	4.7	4.2	3.9	4.8	4.2	3.9	4.9	4.3	3.9	170
175	3.6	4		4	4	4	4.3	4.1	4	4.6	4.1	3.9	4.7	4.2	3.9	4.8	4.2	3.8	175
180				3.8	4		4.1	4	4	4.4	4	3.9	4.6	4.1	3.9	4.7	4.1	3.8	180
185				3.7	4		4	4	4	4.3	4	3.9	4.4	4	3.9	4.6	4.1	3.8	185
190				3.6			3.8	3.9		4.1	4	3.9	4.3	4	3.9	4.4	4	3.8	190
195							3.7	3.9		4	3.9	3.9	4.2	3.9	3.9	4.3	4	3.8	195
200							3.6	3.9		3.9	3.9		4.1	3.9	3.9	4.2	3.9	3.8	200
205							3.6			3.8	3.9		4	3.9	3.9	4.1	3.9	3.8	205
210										3.7	3.9		3.9	3.8		4.1	3.8	3.8	210
215										3.6	3.9		3.7	3.8		4	3.8	3.8	215
220													3.7	3.8		3.8	3.8		220
225													3.6	3.8		3.8	3.8		225
230													3.5			3.7	3.8		230
235																3.6	3.8		235
240																3.5	3.8		240
245																3.5			245

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Lifting capacities
Forces de levage

TVK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 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°	
50	8.9			8.4													50
55	8.8			8.4			7.8										55
60	8.8			8.3			7.8			7.2							60
65	8.7			8.3			7.7			7.1			6.5				65
70	8.6			8.2			7.7			7.1			6.5			5.5	70
75	8.5			8.1			7.6			7			6.4			5.4	75
80	8.3			8.1			7.6			7			6.4			5.3	80
85	8.1			7.9			7.5			7			6.3			5.2	85
90	7.9			7.7			7.4			6.9			6.3			5.1	90
95	7.7	6.2		7.6			7.3			6.8			6.2			5.1	95
100	7.5	6.1		7.4	6		7.1			6.7			6.2			5	100
105	7.3	5.9		7.2	5.8		6.9	5.7		6.6			6.1			4.9	105
110	7.1	5.7		7	5.7		6.8	5.6		6.5	5.4		6.1			4.9	110
115	6.9	5.5		6.8	5.5		6.6	5.4		6.4	5.3		6	5.1		4.8	115
120	6.7	5.4		6.7	5.4		6.5	5.3		6.2	5.2		5.9	5		4.7	120
125	6.5	5.2		6.5	5.2		6.3	5.1		6.1	5.1		5.8	4.9		4.7	125
130	6.3	5.1	4.2	6.3	5.1	4.2	6.2	5		6	5		5.7	4.8		4.6	130
135	6.1	5	4.2	6.1	5	4.1	6	4.9	4.1	5.8	4.9		5.6	4.8		4.6	135
140	6	4.9	4.1	6	4.9	4.1	5.9	4.8	4	5.7	4.8	4	5.5	4.7		4.5	140
145	5.8	4.8	4	5.8	4.8	4	5.7	4.7	4	5.6	4.7	3.9	5.4	4.6	3.8	4.5	145
150	5.6	4.7	4	5.6	4.7	4	5.6	4.6	3.9	5.5	4.6	3.9	5.3	4.5	3.8	4.4	150
155	5.4	4.6	3.9	5.5	4.6	3.9	5.4	4.5	3.9	5.3	4.5	3.8	5.2	4.4	3.8	4.4	155
160	5.3	4.5	3.9	5.3	4.5	3.9	5.3	4.4	3.8	5.2	4.4	3.8	5.1	4.3	3.7	4.3	160
165	5.1	4.4	3.9	5.2	4.4	3.8	5.1	4.4	3.8	5.1	4.3	3.8	5	4.3	3.7	4.3	165
170	5	4.3	3.8	5.1	4.3	3.8	5	4.3	3.8	5	4.3	3.7	4.9	4.2	3.7	4.2	170
175	4.9	4.2	3.8	4.9	4.2	3.8	4.9	4.2	3.7	4.9	4.2	3.7	4.8	4.1	3.6	4.2	175
180	4.7	4.1	3.8	4.8	4.1	3.8	4.8	4.1	3.7	4.8	4.1	3.7	4.7	4.1	3.6	4.2	180
185	4.6	4.1	3.8	4.7	4.1	3.7	4.7	4.1	3.7	4.7	4.1	3.6	4.6	4	3.6	4.2	185
190	4.5	4	3.8	4.6	4	3.7	4.6	4	3.7	4.6	4	3.6	4.5	3.9	3.6	4.1	190
195	4.4	3.9	3.8	4.5	4	3.7	4.5	3.9	3.7	4.5	3.9	3.6	4.4	3.9	3.6	4.1	195
200	4.3	3.9	3.8	4.4	3.9	3.7	4.4	3.9	3.6	4.4	3.9	3.6	4.3	3.8	3.6	4.1	200
205	4.2	3.8	3.8	4.3	3.9	3.7	4.3	3.8	3.6	4.3	3.8	3.6	4.2	3.8	3.6	4.1	205
210	4.1	3.8	3.8	4.2	3.8	3.7	4.2	3.8	3.6	4.2	3.8	3.6	4.2	3.7	3.6	4	210
215	4	3.8	3.8	4.1	3.8	3.7	4.1	3.8	3.6	4.1	3.7	3.6	4.1	3.7	3.6	4	215
220	4	3.8	3.8	4	3.7	3.7	4.1	3.7	3.6	4.1	3.7	3.6	4	3.7	3.6	3.9	220
225	3.9	3.7	3.8	4	3.7	3.7	4	3.7	3.6	4	3.7	3.6	4	3.6	3.6	3.8	225
230	3.8	3.7	3.8	3.9	3.7	3.7	3.9	3.6	3.6	3.9	3.6	3.6	3.9	3.6	3.6	3.7	230
235	3.7	3.7		3.8	3.7	3.7	3.8	3.6	3.6	3.8	3.6	3.6	3.8	3.5	3.6	3.6	235
240	3.7	3.7		3.7	3.7	3.7	3.8	3.6	3.6	3.8	3.6	3.6	3.8	3.5	3.6	3.4	240
245	3.6	3.7		3.7	3.6		3.7	3.6	3.6	3.7	3.5	3.6	3.7	3.5	3.6	3.2	245
250	3.5	3.6		3.6	3.6		3.6	3.6	3.6	3.7	3.5	3.6	3.6	3.5	3.6	3.1	250
255	3.3			3.5	3.6		3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.4	3.6	2.9	255
260	3.2			3.5	3.6		3.5	3.5		3.5	3.5	3.6	3.3	3.4	3.6	2.7	260
265				3.4	3.6		3.4	3.5		3.5	3.4	3.6	3	3.4	3.6	2.5	265
270				3.3			3.2	3.4		3.4	3.4	3.6	2.6	3.4	3.6	2.2	270
275							3			3.3	3.4		2.3	3.3	3.6	1.9	275
280							2.9			3.1	3.4		1.9	2.9	3.2	1.5	280
285							1.7			2.8	3.3		1.6	2.5			285
290										2.5							290

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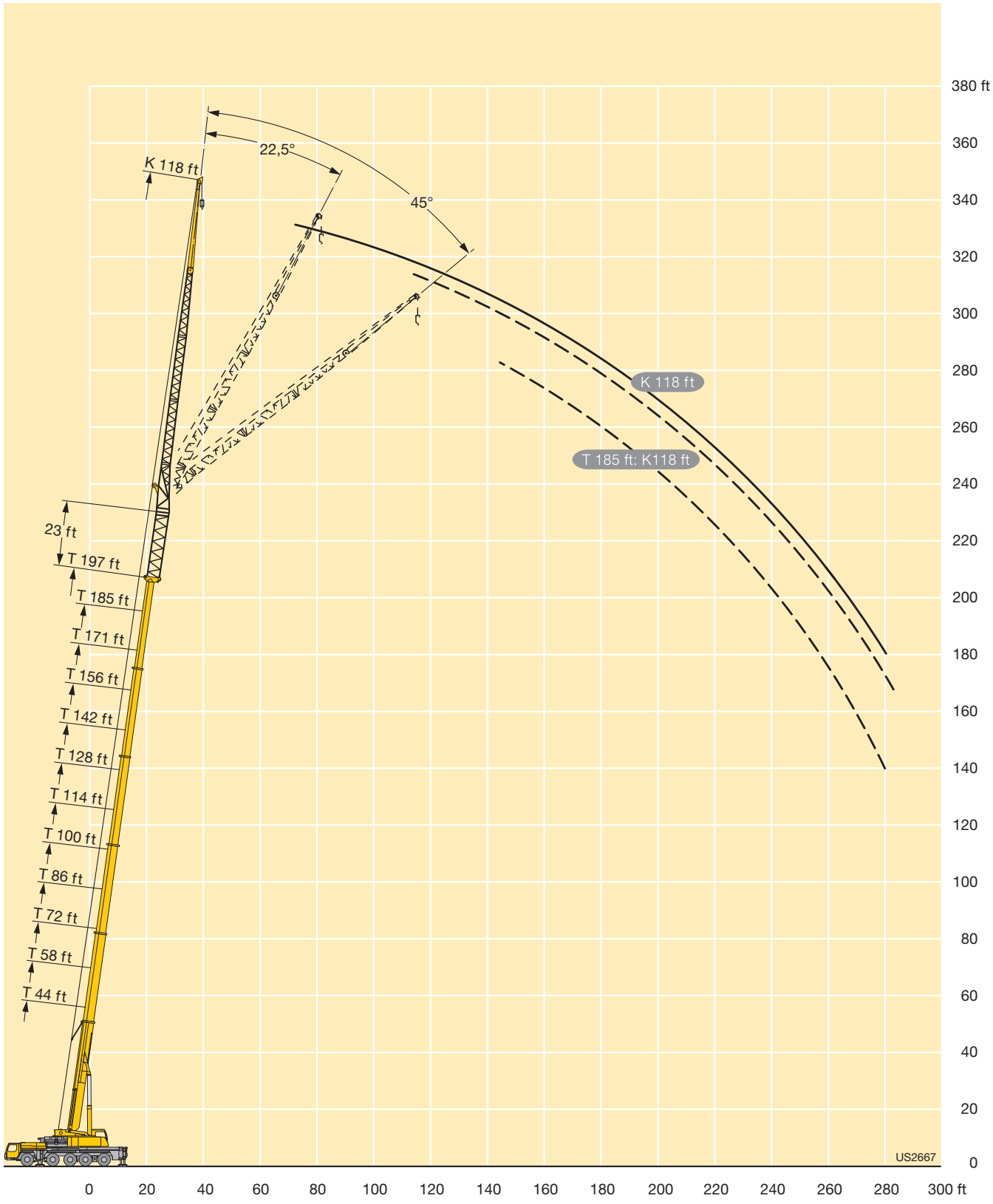
380 ft
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
22,5°
45°
K 118 ft
23 ft
T 197 ft
T 185 ft
T 171 ft
T 156 ft
T 142 ft
T 128 ft
T 114 ft
T 100 ft
T 86 ft
T 72 ft
T 58 ft
T 44 ft
K 118 ft
T 185 ft: K118 ft
US2667
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300 ft

Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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°	
12	46.1																		12
13	46.1																		13
14	46.1																		14
15	46.1			46.1															15
16	46.1			46.1															16
17	46.1			46.1															17
18	46.1			46.1			46.1												18
19	46.1			46.1			46.1												19
20	46.1			46.1			46.1												20
22	46.1			46.1			46.1			45.5									22
24	46.1			46.1			46.1			45.4									24
26	46.1	41.9		46.1			46.1			45.3			40.4						26
28	46.1	40.4		46.1			46.1			44.9			40.4						28
30	46.1	38.9		46.1	39.8		45.6			44.2			40.4			37.5			30
32	45	37.5		45.9	38.5		44.6			43.5			40.1			37.5			32
34	43.8	36.3		44.9	37.3		43.4	36.8		42.5			39.6			37.5			34
36	42.1	35.1	25.6	43.4	36.2		42.2	36		41.5			39.1			37.3			36
38	40.5	34	25.6	41.9	35.1		40.9	35		40.5	34.6		38.4			36.9			38
40	38.8	32.9	25.6	40.5	34.1	25.6	39.8	34.2		39.5	33.8		37.6			36.3			40
45	35.5	30.7	25.5	37.2	31.9	25.6	37	32.1	25.6	37.1	32		35.7	31.1		34.8	30.3		45
50	32.3	28.7	24.8	34.4	30	25.3	34.3	30.2	25.4	34.9	30.3	25.6	33.7	29.6		33.2	29.2		50
55	29.7	27	24	31.8	28.3	24.5	31.8	28.4	24.8	32.8	28.8	25.1	31.6	28.3	25.2	31.7	28.1	25	55
60	27.4	25.4	23.2	29.6	26.7	23.8	29.5	26.6	24.1	30.8	27.3	24.4	29.4	27.1	24.5	30.1	27	24.3	60
65	25.4	23.9	22.6	27.6	25.2	23.2	27.2	24.9	23.4	28.9	25.9	23.8	27.5	25.9	23.7	28.3	25.9	23.5	65
70	23.6	22.3	21.9	25.8	23.9	22.6	25.4	23.5	22.6	27.2	24.4	23.2	25.7	24.6	23	26.6	24.9	22.8	70
75	22	20.9	21	24.2	22.6	21.8	23.6	22.1	21.5	25.5	23.2	22.2	24.1	23.2	22.2	25.1	23.8	22.2	75
80	20.5	19.6	20.1	22.8	21.3	21	22.1	20.9	20.5	24	22	21.2	22.7	21.9	21.3	23.7	22.6	21.5	80
85	19.1	18.5	19.3	21.5	20.2	20.3	20.8	19.8	19.5	22.6	21	20.3	21.3	20.7	20.5	22.5	21.5	20.8	85
90	17.9	17.5	17.5	20.2	19.1	19.6	19.5	18.8	18.7	21.4	20	19.5	20.1	19.6	19.5	21.3	20.4	19.9	90
95	16.8	16.6		19.1	18.2	18.6	18.4	17.9	17.9	20.3	19.1	18.8	19	18.6	18.5	20.2	19.5	19.1	95
100				18	17.4	14.3	17.4	17.1	17.2	19.3	18.3	18.1	18	17.6	17.6	19.2	18.5	18.3	100
105				17.1	16.7		16.5	16.2	16.4	18.3	17.6	17.5	17.1	16.8	16.8	18.3	17.7	17.5	105
110				16.2	16.2		15.6	15.4	15.7	17.5	16.9	16.9	16.2	16	16.1	17.4	16.9	16.8	110
115							14.9	14.7		16.6	16.3	16.4	15.4	15.2	15.3	16.6	16.2	16.2	115
120							14.2	14.1		15.9	15.6		14.7	14.5	14.7	15.9	15.5	15.5	120
125							13.6	13.7		15.2	15		14	13.9	14	15.2	14.9	14.9	125
130										14.7	14.5		13.4	13.3	13.5	14.5	14.3	14.4	130
135										14.1	14.1		12.8	12.7		14	13.7	13.8	135
140										13.7			12.3	12.2		13.4	13.3	13.3	140
145													11.8	11.8		12.9	12.8	12.9	145
150													11.3	11.4		12.4	12.3		150
155													11			12	11.9		155
160																11.6	11.6		160
165																11.3	11.4		165
170																7			170

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Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
34	33.9																		34
36	33.9																		36
38	33.9			31.7															38
40	33.8			31.6															40
45	32.9			31.3			28.7			26.2									45
50	31.7	28.2		30.6			28.4			26			21.9						50
55	30.4	27.2		29.7	26.6		28			25.9			21.8			19.2			55
60	29.2	26.3	23.7	28.6	25.8		27.4	24		25.8			21.7			19.1			60
65	27.9	25.4	23	27.6	25	22.6	26.5	23.4		25.4	22.5		21.6			19.1			65
70	26.5	24.5	22.4	26.5	24.2	22.1	25.7	22.8	21.3	24.8	22		21.4	20.9		19			70
75	25.1	23.6	21.8	25.4	23.5	21.5	24.8	22.3	20.7	24.1	21.6	19.7	21	20.6		18.9	18.9		75
80	23.8	22.6	21.2	24.2	22.7	21	23.9	21.7	20.2	23.4	21.1	19.2	20.6	20.1	18.1	18.8	18.5		80
85	22.6	21.6	20.6	23	21.8	20.5	22.9	21	19.6	22.7	20.6	18.8	20.1	19.8	17.7	18.4	18	16.2	85
90	21.4	20.6	19.9	22	20.9	19.8	22	20.3	19.1	21.9	20	18.3	19.7	19.4	17.3	18	17.5	15.8	90
95	20.3	19.7	19.2	20.9	20	19.2	21	19.5	18.6	21	19.4	17.9	19.3	18.9	16.9	17.5	17	15.5	95
100	19.3	18.9	18.4	20	19.2	18.6	20.1	18.8	18.1	20.2	18.8	17.4	18.8	18.4	16.5	16.9	16.5	15.2	100
105	18.3	18.1	17.7	19	18.5	17.9	19.3	18.2	17.6	19.4	18.2	17	18.4	17.8	16.2	16.4	16	14.9	105
110	17.4	17.3	17.1	18.2	17.8	17.3	18.4	17.6	17.1	18.7	17.6	16.6	17.9	17.3	15.8	15.8	15.5	14.7	110
115	16.5	16.5	16.4	17.3	17.1	16.7	17.7	17	16.6	17.9	17	16.1	17.3	16.9	15.5	15.3	15	14.4	115
120	15.7	15.7	15.8	16.6	16.4	16.2	16.9	16.4	16.2	17.3	16.5	15.8	16.7	16.3	15.2	14.8	14.5	14.1	120
125	15	15	15.1	15.8	15.8	15.6	16.2	15.8	15.7	16.6	16	15.4	16.2	15.9	14.8	14.3	14	13.8	125
130	14.3	14.3	14.5	15.1	15.1	15.1	15.5	15.2	15.3	15.9	15.4	15	15.7	15.4	14.5	13.8	13.6	13.5	130
135	13.6	13.7	13.8	14.5	14.4	14.5	14.8	14.7	14.8	15.3	14.9	14.7	15.2	14.9	14.2	13.3	13.1	13.2	135
140	13	13.1	13.2	13.9	13.9	14	14.1	14.1	14.2	14.7	14.4	14.3	14.6	14.4	13.9	12.8	12.7	12.8	140
145	12.4	12.5	12.6	13.3	13.3	13.4	13.5	13.6	13.7	14.1	13.9	13.9	14.1	14	13.6	12.3	12.3	12.4	145
150	11.9	11.9	12.1	12.8	12.8	12.9	12.9	13.1	13.2	13.5	13.5	13.5	13.7	13.5	13.3	11.8	11.9	12	150
155	11.4	11.4	11.6	12.3	12.3	12.4	12.3	12.5	12.7	13	13	13.1	13.2	13.1	13	11.3	11.5	11.7	155
160	10.9	11		11.8	11.8	11.9	11.8	12	12.2	12.5	12.5	12.7	12.7	12.7	12.7	10.9	11	11.3	160
165	10.5	10.5		11.3	11.4	11.5	11.2	11.5	11.7	12	12.1	12.2	12.2	12.3	12.4	10.4	10.6	10.9	165
170	10.1	10.1		10.9	11	11.1	10.8	11	11.2	11.5	11.6	11.8	11.8	11.9	12.1	10	10.2	10.4	170
175	9.7	9.8		10.5	10.6		10.3	10.5	10.6	11	11.2	11.3	11.4	11.4	11.6	9.6	9.8	10	175
180	9.3	9.5		10.2	10.2		9.9	10.1	10.2	10.6	10.7	10.9	11	11	11.2	9.2	9.4	9.6	180
185				9.9	9.9		9.4	9.6	9.8	10.2	10.3	10.5	10.5	10.7	10.8	8.8	9	9.2	185
190				9.6	9.7		9	9.2		9.8	9.9	10.1	10	10.3	10.5	8.5	8.6	8.8	190
195				8.6			8.6	8.8		9.4	9.6	9.7	9.2	9.8	10	8.1	8.3	8.4	195
200							8.3	8.4		9.1	9.2		8.5	9	9.2	7.8	7.9	8.1	200
205							8	8.1		8.7	8.9		7.9	8.3	8.5	7.4	7.6	7.7	205
210							5			8.3	8.5		7.2	7.7	7.7	7	7.3	7.4	210
215										7.7	8.1		6.6	7		6.3	6.8	6.9	215
220										5.6			6	6.4		5.7	6.2	6.3	220
225										2.2			5.5	5.8		5.2	5.6		225
230													4.8	5.2		4.6	5		230
235													3			4.1	4.4		235
240																3.7	3.9		240
245																2.6			245

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Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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°	
16	39.2																		16
17	39.2																		17
18	39.2																		18
19	39.2			35.9															19
20	39.1			35.9															20
22	39			35.9															22
24	38.8			35.8			32												24
26	38.1			35.8			32			29.8									26
28	37.3			35.7			31.9			29.8									28
30	36.3			35.1			31.9			29.8			27						30
32	35.2			34.4			31.8			29.7			27						32
34	34.1			33.6			31.5			29.6			27			24.1			34
36	33			32.8			31			29.5			27			24			36
38	32			31.9			30.4			29.4			26.9			24			38
40	30.9	25.9		31			29.7			28.9			26.7			23.9			40
45	28.5	24.3		28.9	24.9		28			27.5			26.1			23.7			45
50	26.2	22.9		27	23.5		26.4	22.8		26.2			25			23.4			50
55	24.4	21.6		25.2	22.1		24.9	21.6		24.9	21.4		24	20.5		23			55
60	22.6	20.2	17.8	23.5	20.9	17.8	23.5	20.5		23.7	20.4		23	19.8		22.2	19.5		60
65	20.9	18.8	17.2	22	19.7	17.3	22.2	19.5	17.1	22.5	19.5		22	19		21.4	18.8		65
70	19.3	17.6	16.7	20.5	18.7	16.8	21	18.7	16.7	21.3	18.7	16.7	21	18.3		20.7	18.1		70
75	17.9	16.5	16.1	19.2	17.8	16.3	19.8	17.8	16.3	20.2	17.9	16.2	20.1	17.6	16	19.9	17.5		75
80	16.6	15.5	15.4	18	16.9	15.7	18.6	17	15.7	19.2	17.2	15.7	19.1	17	15.5	19.2	16.9	15.4	80
85	15.6	14.6	14.6	16.9	16	15.1	17.6	16.3	15.1	18.2	16.5	15.2	18.3	16.4	15.1	18.5	16.4	15	85
90	14.6	13.8	13.9	15.9	15.2	14.4	16.6	15.5	14.5	17.3	15.9	14.7	17.4	15.8	14.6	17.8	15.8	14.5	90
95	13.7	13	13.3	15	14.5	13.8	15.7	14.8	14	16.4	15.3	14.2	16.6	15.2	14.1	17.1	15.3	14.1	95
100	12.8	12.4	12.7	14.1	13.8	13.3	14.8	14.2	13.5	15.6	14.6	13.7	15.8	14.7	13.7	16.4	14.8	13.7	100
105	12.1	11.7	12.2	13.4	13.1	12.8	14.1	13.5	13	14.9	14.1	13.3	15	14.2	13.3	15.7	14.3	13.4	105
110	11.4	11.2	11.8	12.7	12.6	12.4	13.3	12.9	12.6	14.3	13.5	12.9	14.2	13.6	13	15	13.8	13	110
115	10.8	10.7		12	12	12	12.7	12.3	12.1	13.6	13	12.5	13.5	13.2	12.6	14.4	13.4	12.7	115
120	10.2	10.4		11.4	11.5	11.7	12.1	11.8	11.7	13.1	12.5	12.2	12.8	12.7	12.3	13.7	13	12.4	120
125				10.9	11.1		11.5	11.3	11.3	12.5	12.1	11.9	12.2	12.2	12	13.1	12.6	12.1	125
130				10.4	10.7		11	10.9	11	12	11.7	11.5	11.6	11.6	11.6	12.5	12.2	11.9	130
135				10			10.5	10.5		11.5	11.2	11.2	11	11.1	11.2	12	11.7	11.6	135
140							10.1	10.2		11.1	10.9	11	10.5	10.6	10.8	11.5	11.3	11.3	140
145							9.7	9.9		10.7	10.5		10.1	10.2	10.3	11	10.8	10.9	145
150							9.4			10.3	10.3		9.6	9.7	9.9	10.6	10.4	10.5	150
155										10	10		9.2	9.3	9.5	10.1	10	10.2	155
160										9.7	9.9		8.8	9		9.7	9.7	9.8	160
165													8.5	8.6		9.4	9.3	9.5	165
170													8.2	8.3		9	9		170
175													8	8.1		8.7	8.7		175
180																8.4	8.4		180
185																8.2	8.2		185
190																8			190

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Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
38	22																		38
40	21.9			20.7															40
45	21.7			20.5			19												45
50	21.6			20.4			18.9			17.4									50
55	21.4			20.2			18.7			17.3			15.9						55
60	21.1			20.1			18.6			17.2			15.8			14			60
65	20.5	18.2		19.8			18.5			17.1			15.7			13.9			65
70	19.9	17.6		19.4	17.3		18.3			17			15.6			13.8			70
75	19.3	17.1		18.8	16.8		18	16.2		16.9			15.5			13.6			75
80	18.7	16.5	15	18.3	16.3		17.6	15.8		16.7	15.3		15.4			13.5			80
85	18.1	16	14.7	17.8	15.9	14.5	17.2	15.4		16.4	15		15.3	14.2		13.4			85
90	17.5	15.6	14.3	17.3	15.4	14.2	16.7	15	13.8	16.1	14.6		15.1	14		13.3	12.7		90
95	16.9	15.1	13.9	16.8	15	13.8	16.3	14.6	13.5	15.8	14.3	13.2	14.9	13.7		13.1	12.6		95
100	16.4	14.6	13.6	16.3	14.5	13.4	15.8	14.2	13.2	15.4	13.9	13	14.6	13.4	12.6	13	12.5		100
105	15.8	14.2	13.2	15.8	14.1	13.2	15.4	13.9	13	15	13.6	12.7	14.3	13.1	12.4	12.9	12.3	11.2	105
110	15.1	13.8	12.9	15.3	13.7	12.9	15	13.5	12.7	14.6	13.3	12.5	14	12.9	12.2	12.8	12.1	11.1	110
115	14.5	13.4	12.6	14.7	13.4	12.6	14.6	13.2	12.4	14.3	13	12.2	13.7	12.6	11.9	12.6	11.8	10.9	115
120	13.9	13	12.4	14.2	13	12.3	14.1	12.8	12.2	13.9	12.7	12	13.4	12.3	11.7	12.3	11.6	10.8	120
125	13.3	12.6	12.1	13.7	12.7	12.1	13.7	12.5	12	13.6	12.4	11.8	13.1	12.1	11.6	12	11.4	10.7	125
130	12.7	12.3	11.8	13.2	12.3	11.8	13.3	12.2	11.7	13.2	12.1	11.6	12.9	11.8	11.4	11.6	11.2	10.5	130
135	12.2	11.9	11.6	12.7	12	11.6	12.8	12	11.5	12.8	11.8	11.4	12.6	11.6	11.2	11.3	10.9	10.4	135
140	11.6	11.5	11.4	12.2	11.7	11.4	12.4	11.7	11.3	12.5	11.6	11.2	12.2	11.4	11	10.9	10.7	10.2	140
145	11.1	11.1	11.2	11.7	11.4	11.2	11.9	11.4	11.2	12.1	11.4	11.1	11.9	11.1	10.9	10.6	10.4	10.1	145
150	10.6	10.7	10.8	11.2	11	11	11.5	11.1	11	11.7	11.1	10.9	11.6	10.9	10.7	10.2	10.1	9.9	150
155	10.1	10.3	10.5	10.8	10.7	10.7	11	10.8	10.8	11.3	10.9	10.8	11.3	10.7	10.5	9.9	9.8	9.7	155
160	9.7	9.9	10	10.3	10.3	10.5	10.6	10.5	10.5	10.9	10.6	10.6	10.9	10.5	10.3	9.5	9.5	9.5	160
165	9.3	9.4	9.6	9.9	10	10.1	10.2	10.2	10.3	10.5	10.4	10.4	10.6	10.3	10.1	9.2	9.2	9.3	165
170	8.9	9	9.2	9.5	9.6	9.8	9.8	9.9	10	10.2	10.1	10.2	10.3	10.1	10	8.8	8.9	9.1	170
175	8.5	8.6	8.8	9.1	9.2	9.4	9.4	9.5	9.7	9.8	9.8	9.9	9.9	9.9	9.8	8.5	8.6	8.8	175
180	8.1	8.3		8.8	8.9	9.1	9	9.2	9.4	9.4	9.5	9.7	9.6	9.6	9.6	8.1	8.3	8.5	180
185	7.8	7.9		8.4	8.6	8.7	8.5	8.8	9.1	9	9.2	9.4	9.3	9.3	9.4	7.8	8	8.2	185
190	7.5	7.6		8.1	8.2	8.4	8.2	8.4	8.7	8.7	8.9	9.1	8.9	9	9.2	7.4	7.7	8	190
195	7.2	7.3		7.8	7.9		7.8	8.1	8.3	8.4	8.5	8.8	8.6	8.7	9	7.1	7.4	7.7	195
200	6.9	7		7.6	7.6		7.5	7.7	7.9	8	8.2	8.5	8.3	8.5	8.7	6.8	7.1	7.4	200
205	6.7			7.3	7.4		7.1	7.4	7.5	7.7	7.9	8.1	8	8.2	8.4	6.5	6.8	7.1	205
210				7	7.2		6.8	7	7.1	7.4	7.6	7.8	7.5	7.9	8.1	6.2	6.5	6.7	210
215				6.8	7		6.5	6.7		7.1	7.3	7.5	6.9	7.6	7.8	5.9	6.2	6.4	215
220				4.2			6.2	6.4		6.8	7	7.2	6.4	7.1	7.3	5.6	5.9	6.1	220
225							5.9	6.1		6.6	6.7		5.8	6.5	6.7	5.3	5.6	5.8	225
230							5.3			6.3	6.5		5.3	5.9	6	4.9	5.4	5.5	230
235										6	6.2		4.8	5.4	5.4	4.4	5.1	5.3	235
240										5	5.8		4.3	4.8		3.9	4.6	4.7	240
245										2.9			3.8	4.2		3.5	4.1	4	245
250													3.4	3.7		3	3.5		250
255													2.4			2.6	3		255
260																2.2			260
265																1.8			265

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Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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°	
17	23.2																		17
18	23.2																		18
19	23.2																		19
20	23.2			22.3															20
22	23.1			22.2															22
24	23.1			22.2			20.8												24
26	22.9			22.2			20.8			20									26
28	22.8			22.1			20.8			20									28
30	22.6			22.1			20.8			20			18.7						30
32	22.4			21.9			20.8			19.9			18.7						32
34	22.2			21.7			20.8			19.9			18.7			18			34
36	22			21.5			20.7			19.9			18.7			17.9			36
38	21.8			21.4			20.5			19.8			18.7			17.9			38
40	21.5			21.1			20.4			19.7			18.6			17.8			40
45	20.8	18.3		20.6			19.9			19.4			18.5			17.7			45
50	20.1	17.6		20	17.5		19.4			19.1			18.3			17.6			50
55	19.4	16.8		19.4	16.8		18.9	16.6		18.7			18			17.5			55
60	18.7	16.2		18.8	16.2		18.5	16.1		18.2	16		17.7	15.6		17.2			60
65	18	15.5	13.1	18.2	15.6		18	15.6		17.8	15.5		17.3	15.3		16.9	15.1		65
70	17.3	14.9	12.7	17.6	15.1	12.7	17.5	15.1		17.4	15.1		16.9	14.9		16.5	14.8		70
75	16.6	14.4	12.4	17	14.7	12.5	17	14.7	12.4	17	14.7	12.4	16.5	14.5		16.2	14.4		75
80	15.8	13.9	12.2	16.4	14.2	12.2	16.5	14.3	12.2	16.5	14.3	12.2	16.1	14.2	12.1	15.9	14.1		80
85	15	13.5	12	15.8	13.8	12	15.9	13.8	12	16	13.9	12	15.8	13.9	11.9	15.5	13.8	11.9	85
90	14.1	13.1	11.8	15	13.4	11.8	15.3	13.5	11.8	15.5	13.6	11.8	15.3	13.5	11.8	15.2	13.5	11.7	90
95	13.3	12.6	11.7	14.2	13	11.7	14.6	13.2	11.7	15	13.3	11.7	14.9	13.2	11.6	14.8	13.3	11.6	95
100	12.6	12	11.5	13.5	12.6	11.6	13.9	12.8	11.6	14.4	13	11.6	14.4	13	11.5	14.4	13	11.5	100
105	11.9	11.5	11.3	12.8	12.1	11.5	13.3	12.4	11.5	13.8	12.6	11.5	13.9	12.7	11.4	14	12.7	11.4	105
110	11.2	10.9	10.9	12.2	11.6	11.3	12.7	11.9	11.3	13.3	12.2	11.4	13.4	12.3	11.3	13.6	12.4	11.3	110
115	10.6	10.4	10.6	11.6	11.1	11	12.2	11.5	11.2	12.8	11.8	11.3	12.9	11.9	11.2	13.1	12	11.2	115
120	10.1	10	10.3	11.1	10.7	10.6	11.7	11	10.9	12.3	11.4	11	12.4	11.5	11	12.7	11.7	11.1	120
125	9.5	9.6		10.5	10.2	10.4	11.2	10.6	10.6	11.8	11	10.8	11.9	11.2	10.8	12.3	11.3	10.9	125
130	9.1	9.4		10.1	9.9	10.2	10.7	10.3	10.3	11.3	10.7	10.5	11.3	10.8	10.6	11.9	11	10.7	130
135				9.6	9.5		10.2	9.9	10	10.9	10.3	10.3	10.8	10.5	10.4	11.4	10.7	10.4	135
140				9.3	9.3		9.8	9.6	9.7	10.5	10	10.1	10.4	10.2	10.2	11	10.4	10.2	140
145				8.9			9.4	9.3		10.1	9.7	9.9	9.9	9.8	10	10.6	10.2	10	145
150							9.1	9		9.8	9.5	9.8	9.5	9.5	9.7	10.2	9.9	9.9	150
155							8.8	8.8		9.5	9.3		9.1	9.1	9.3	9.8	9.6	9.7	155
160										9.1	9.1		8.7	8.7	8.9	9.4	9.3	9.5	160
165										8.9	8.9		8.3	8.4	8.6	9	9	9.2	165
170										8.7	8.9		8	8.1		8.7	8.7	8.9	170
175													7.7	7.7		8.4	8.4	8.6	175
180													7.4	7.5		8.1	8.1		180
185													7.2			7.8	7.9		185
190																7.6	7.7		190
195																7.3	7.5		195
200																7.2			200

t_211_08521_01_000

Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
38	16.8																		38
40	16.8																		40
45	16.7			16			15												45
50	16.6			15.9			15			14.1									50
55	16.5			15.8			14.9			14			13						55
60	16.4			15.7			14.8			13.9			13			11.7			60
65	16.2			15.6			14.8			13.9			12.9			11.6			65
70	15.9	14.4		15.5			14.7			13.8			12.8			11.6			70
75	15.6	14.1		15.2	14		14.5			13.7			12.8			11.5			75
80	15.3	13.9		15	13.7		14.4	13.4		13.6			12.7			11.5			80
85	15	13.6		14.7	13.5		14.1	13.2		13.5	12.8		12.7			11.4			85
90	14.7	13.4	11.6	14.4	13.2		13.9	13		13.3	12.6		12.6	12.2		11.4			90
95	14.4	13.1	11.5	14.1	13	11.4	13.7	12.7		13.1	12.5		12.5	12		11.3	10.9		95
100	14.1	12.9	11.4	13.9	12.8	11.3	13.4	12.5	11.2	12.9	12.2	11.1	12.3	11.8		11.1	10.9		100
105	13.8	12.6	11.3	13.6	12.5	11.2	13.2	12.3	11.1	12.7	12	11	12.1	11.6		11	10.8		105
110	13.4	12.2	11.2	13.3	12.2	11.2	12.9	12	11.1	12.5	11.7	10.9	12	11.3	10.7	11	10.6		110
115	13	11.9	11.1	13	11.9	11.1	12.7	11.7	11	12.3	11.5	10.8	11.8	11.1	10.6	10.9	10.5	10	115
120	12.6	11.6	11	12.6	11.6	11	12.4	11.4	10.8	12.1	11.2	10.7	11.6	10.9	10.4	10.8	10.3	9.9	120
125	12.3	11.3	10.8	12.3	11.3	10.8	12.1	11.2	10.7	11.9	11	10.5	11.5	10.7	10.2	10.7	10.1	9.8	125
130	11.9	11	10.6	12	11	10.6	11.8	10.9	10.5	11.6	10.8	10.3	11.3	10.5	10.1	10.5	10	9.7	130
135	11.6	10.7	10.4	11.7	10.8	10.4	11.5	10.7	10.3	11.4	10.5	10.1	11	10.3	10	10.3	9.8	9.6	135
140	11.2	10.5	10.2	11.4	10.5	10.2	11.3	10.4	10.1	11.1	10.3	10	10.8	10.1	9.8	10.2	9.6	9.4	140
145	10.8	10.2	10	11.1	10.3	10.1	11	10.2	10	10.9	10.1	9.8	10.6	9.9	9.7	9.9	9.5	9.3	145
150	10.3	10	9.9	10.7	10	9.9	10.7	10	9.8	10.6	10	9.7	10.4	9.7	9.5	9.7	9.3	9.2	150
155	9.9	9.7	9.7	10.4	9.8	9.8	10.5	9.8	9.7	10.4	9.8	9.6	10.2	9.6	9.4	9.4	9.1	9.1	155
160	9.5	9.5	9.6	10	9.6	9.6	10.2	9.6	9.5	10.2	9.6	9.5	10	9.4	9.3	9.1	8.9	8.9	160
165	9.1	9.2	9.4	9.6	9.4	9.5	9.9	9.4	9.4	9.9	9.4	9.3	9.8	9.2	9.2	8.8	8.8	8.8	165
170	8.7	8.9	9.1	9.3	9.2	9.4	9.5	9.2	9.3	9.7	9.2	9.2	9.6	9.1	9.1	8.5	8.5	8.7	170
175	8.3	8.5	8.8	8.9	9	9.2	9.2	9	9.2	9.4	9	9.1	9.4	8.9	9	8.2	8.3	8.5	175
180	8	8.2	8.4	8.6	8.7	8.9	8.8	8.8	9	9.1	8.9	9	9.1	8.8	8.9	7.9	8	8.2	180
185	7.6	7.8	8	8.2	8.4	8.6	8.5	8.6	8.8	8.8	8.7	8.9	8.9	8.7	8.8	7.6	7.8	8	185
190	7.3	7.5		7.9	8.1	8.3	8.1	8.3	8.6	8.5	8.5	8.7	8.7	8.5	8.8	7.3	7.5	7.8	190
195	7	7.2		7.6	7.8	8	7.7	8	8.3	8.2	8.3	8.6	8.4	8.4	8.6	7	7.3	7.5	195
200	6.7	6.9		7.3	7.5		7.4	7.7	7.9	7.9	8.1	8.3	8.1	8.2	8.5	6.7	7	7.3	200
205	6.5	6.6		7.1	7.2		7.1	7.4	7.6	7.6	7.8	8.1	7.8	8	8.2	6.4	6.7	7	205
210	6.3	6.4		6.8	7		6.8	7	7.2	7.3	7.5	7.8	7.5	7.7	8	6.1	6.5	6.7	210
215	5.3			6.6	6.7		6.5	6.7	6.9	7	7.2	7.5	7.2	7.5	7.7	5.8	6.2	6.4	215
220				6.4	6.5		6.2	6.4		6.7	6.9	7.1	6.7	7.2	7.5	5.6	5.9	6.1	220
225				6.2			5.9	6.1		6.5	6.7	6.8	6.2	6.9	7.2	5.4	5.6	5.8	225
230				2.3			5.7	5.8		6.2	6.4	6.5	5.7	6.4	6.7	5.1	5.4	5.6	230
235							5.5			6	6.1		5.1	5.9	6.1	4.8	5.2	5.3	235
240							4.3			5.7	5.9		4.7	5.4	5.4	4.3	5	5.1	240
245										5.5	5.7		4.2	4.8		3.8	4.6	4.8	245
250										4.2			3.7	4.3		3.4	4.1	4.2	250
255										1.9			3.3	3.8		2.9	3.6		255
260													2.9	3.3		2.5	3.1		260
265																2.1	2.6		265
270																1.8	2.2		270

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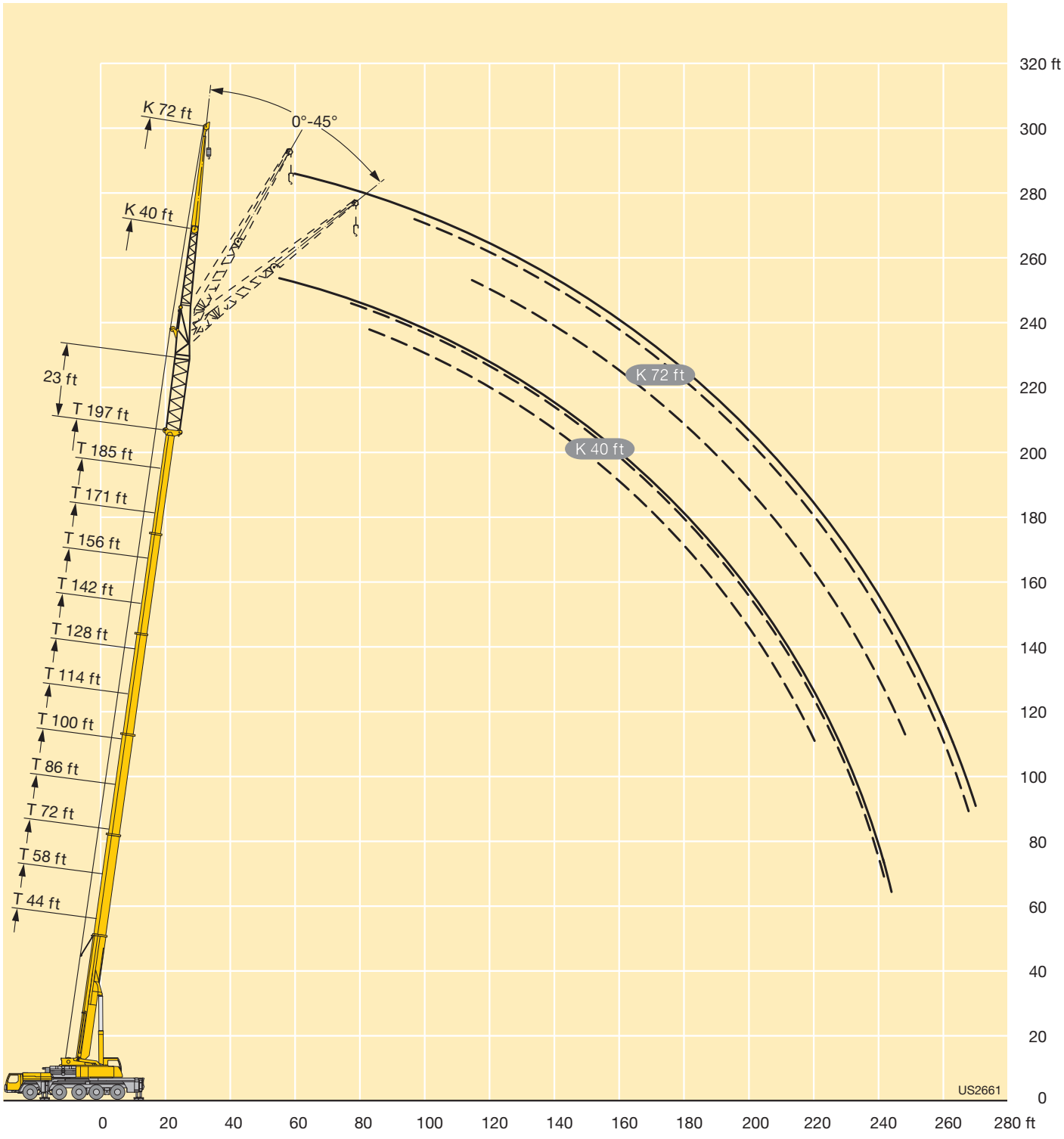
Lifting heights
Hauteurs de levage

TVNZK

LICCON2



Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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°	
22	25.7																		22
24	25.6			23.1															24
26	25.5			23.1															26
28	25.4			23			20.9												28
30	25.2			23			20.9			19.6									30
32	24.9			23			20.8			19.6									32
34	24.5			23			20.8			19.5			17.9						34
36	24.1			22.8			20.7			19.4			17.8						36
38	23.6			22.7			20.6			19.4			17.8			16.8			38
40	23			22.5			20.5			19.3			17.7			16.7			40
45	21.6			21.7			20.2			19.1			17.5			16.6			45
50	20.2			20.9			19.7			18.9			17.4			16.4			50
55	19	15.5		19.8			19			18.5			17.2			16.3			55
60	17.7	14.6		18.8	14.6		18.2			17.9			16.9			16.1			60
65	16.6	13.9		17.8	13.9		17.4	13.7		17.2	13.6		16.5			15.9			65
70	15.6	13.2		16.8	13.3		16.6	13.2		16.5	13.1		15.9	12.9		15.5			70
75	14.6	12.5	10	15.9	12.7		15.8	12.7		15.8	12.6		15.3	12.4		15	12.3		75
80	13.7	11.9	9.7	15	12.2	9.7	15.1	12.1		15.1	12.2		14.8	12		14.5	11.9		80
85	12.8	11.4	9.4	14.2	11.6	9.4	14.3	11.7	9.4	14.5	11.7		14.2	11.6		14	11.6		85
90	12	10.9	9.1	13.4	11.2	9.1	13.5	11.3	9.1	13.8	11.3	9.1	13.6	11.3		13.5	11.2		90
95	11.2	10.5	8.9	12.6	10.7	8.9	12.8	10.9	8.9	13.2	11	8.9	13.1	10.9	8.9	13.1	10.9	8.8	95
100	10.6	10	8.6	11.9	10.3	8.7	12.2	10.5	8.7	12.6	10.6	8.7	12.5	10.6	8.7	12.6	10.6	8.7	100
105	9.9	9.7	8.5	11.2	10	8.5	11.6	10.1	8.6	12	10.3	8.6	12	10.3	8.5	12.1	10.3	8.5	105
110	9.3	9.3	8.3	10.6	9.6	8.4	11	9.8	8.4	11.5	10	8.4	11.5	10	8.4	11.7	10.1	8.4	110
115	8.8	8.9	8.2	10	9.3	8.3	10.5	9.5	8.3	10.9	9.7	8.3	11.1	9.8	8.3	11.2	9.8	8.3	115
120	8.3	8.5	8.1	9.5	9	8.1	10	9.2	8.2	10.5	9.4	8.2	10.6	9.5	8.2	10.8	9.6	8.2	120
125	7.8	8	8	9	8.6	8.1	9.5	8.9	8.1	10	9.1	8.1	10.2	9.2	8.1	10.4	9.3	8.1	125
130	7.4	7.7	7.8	8.6	8.2	8	9.1	8.5	8	9.6	8.8	8	9.8	8.9	8	10.1	9	8	130
135	7.1	7.3	7.7	8.1	7.9	7.9	8.7	8.2	8	9.2	8.5	8	9.4	8.6	7.9	9.7	8.8	7.9	135
140	6.7	7		7.7	7.5	7.7	8.3	7.9	7.8	8.8	8.2	7.9	9.1	8.3	7.9	9.3	8.5	7.9	140
145	6.4			7.4	7.3		7.9	7.6	7.6	8.4	7.9	7.8	8.7	8.1	7.8	9	8.2	7.8	145
150				7.1	7		7.6	7.3	7.5	8.1	7.7	7.6	8.4	7.8	7.7	8.7	8	7.7	150
155				6.8	6.9		7.3	7.1	7.4	7.8	7.4	7.5	8	7.6	7.5	8.4	7.8	7.6	155
160							7	6.9		7.5	7.2	7.4	7.7	7.4	7.4	8.1	7.6	7.5	160
165							6.7	6.7		7.2	7	7.3	7.3	7.2	7.3	7.8	7.3	7.4	165
170							6.5	6.7		6.9	6.8		7	7	7.2	7.5	7.2	7.2	170
175										6.7	6.7		6.7	6.7	6.9	7.3	7	7.1	175
180										6.5	6.6		6.4	6.4		7	6.8	7.1	180
185										6.3			6.1	6.2		6.7	6.7	6.9	185
190													5.8	5.9		6.4	6.5	6.7	190
195													5.6	5.8		6.2	6.3		195
200													5.5			6	6.1		200
205																5.8	5.9		205
210																5.6	5.8		210
215																5.4			215

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Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
45	15.3			14.5															45
50	15.2			14.4			13.4												50
55	15.1			14.3			13.3			12.4									55
60	15			14.2			13.2			12.3			11.2						60
65	14.9			14.1			13.1			12.2			11.2			9.8			65
70	14.7			13.9			13			12			11.1			9.7			70
75	14.3			13.7			12.8			11.9			11			9.5			75
80	14	11.7		13.5			12.6			11.7			10.8			9.4			80
85	13.5	11.4		13.2	11.2		12.4			11.6			10.7			9.3			85
90	13.1	11.1		12.8	11		12.2	10.7		11.4			10.5			9.2			90
95	12.7	10.8		12.5	10.7		11.9	10.5		11.3	10.2		10.4			9.1			95
100	12.3	10.5	8.6	12.1	10.4		11.7	10.2		11.2	10		10.3	9.6		8.9			100
105	11.9	10.2	8.5	11.8	10.2	8.4	11.4	10		11	9.8		10.1	9.5		8.8	8.4		105
110	11.5	10	8.3	11.4	10	8.3	11.1	9.8	8.2	10.7	9.6		10	9.3		8.7	8.4		110
115	11.1	9.8	8.2	11.1	9.7	8.2	10.8	9.6	8.1	10.5	9.4	8	9.8	9.1		8.7	8.4		115
120	10.8	9.5	8.1	10.7	9.5	8.1	10.5	9.4	8	10.2	9.2	7.9	9.6	8.9	7.8	8.6	8.3		120
125	10.4	9.3	8	10.4	9.2	8	10.2	9.1	7.9	10	8.9	7.8	9.5	8.7	7.7	8.5	8.1	7.4	125
130	10.1	9	7.9	10.1	9	7.9	9.9	8.9	7.8	9.7	8.7	7.8	9.3	8.5	7.6	8.5	8	7.3	130
135	9.7	8.7	7.9	9.8	8.8	7.8	9.7	8.7	7.8	9.5	8.5	7.7	9.1	8.3	7.6	8.4	7.8	7.2	135
140	9.4	8.5	7.8	9.5	8.5	7.8	9.4	8.4	7.7	9.3	8.3	7.6	8.9	8.2	7.5	8.3	7.7	7.1	140
145	9.1	8.3	7.7	9.2	8.3	7.7	9.1	8.2	7.6	9	8.2	7.6	8.7	8	7.5	8.1	7.6	7	145
150	8.8	8	7.7	8.9	8.1	7.7	8.9	8	7.6	8.8	8	7.5	8.5	7.8	7.4	8	7.4	7	150
155	8.5	7.8	7.6	8.6	7.9	7.6	8.6	7.8	7.5	8.6	7.8	7.4	8.4	7.6	7.3	7.9	7.3	6.9	155
160	8.2	7.6	7.5	8.4	7.7	7.5	8.4	7.7	7.4	8.3	7.6	7.3	8.2	7.5	7.2	7.7	7.1	6.8	160
165	8	7.4	7.3	8.1	7.5	7.4	8.2	7.5	7.3	8.1	7.5	7.2	8	7.3	7.1	7.5	7	6.7	165
170	7.7	7.2	7.2	7.9	7.3	7.2	7.9	7.3	7.2	7.9	7.3	7.1	7.8	7.2	7	7.3	6.9	6.7	170
175	7.4	7.1	7.1	7.7	7.2	7.1	7.7	7.2	7.1	7.7	7.1	7	7.6	7.1	6.9	7.1	6.7	6.6	175
180	7.1	6.9	7	7.4	7	7.1	7.5	7	7	7.5	7	6.9	7.5	6.9	6.8	6.9	6.6	6.5	180
185	6.8	6.7	7	7.2	6.9	7	7.3	6.9	6.9	7.4	6.9	6.9	7.3	6.8	6.7	6.7	6.5	6.4	185
190	6.4	6.5	6.9	6.9	6.7	6.9	7.1	6.7	6.8	7.2	6.7	6.8	7.1	6.7	6.7	6.4	6.3	6.3	190
195	6.1	6.3	6.6	6.7	6.6	6.8	6.8	6.6	6.8	7	6.6	6.7	7	6.5	6.6	6.1	6.2	6.3	195
200	5.9	6.1	6.3	6.4	6.4	6.7	6.6	6.5	6.7	6.8	6.5	6.7	6.8	6.4	6.6	5.8	6	6.2	200
205	5.6	5.8		6.1	6.2	6.5	6.3	6.4	6.7	6.6	6.4	6.6	6.6	6.3	6.5	5.6	5.9	6	205
210	5.4	5.6		5.9	6	6.3	6	6.2	6.5	6.4	6.2	6.5	6.5	6.2	6.5	5.3	5.7	5.9	210
215	5.2	5.3		5.6	5.8		5.7	6	6.2	6.1	6.1	6.5	6.3	6.1	6.4	5.1	5.4	5.7	215
220	5	5.1		5.4	5.6		5.4	5.7	5.9	5.9	6	6.3	6.1	6	6.4	4.9	5.2	5.5	220
225	4.9			5.3	5.4		5.2	5.5	5.6	5.6	5.9	6.1	5.8	5.9	6.2	4.7	5	5.3	225
230	2.1			5.1	5.2		5	5.2	5.3	5.4	5.6	5.8	5.4	5.7	6.1	4.5	4.8	5	230
235				5	5.1		4.8	5		5.2	5.4	5.6	5	5.6	5.9	4.3	4.6	4.8	235
240				4.8			4.6	4.8		5	5.2	5.3	4.4	5.4	5.6	4	4.4	4.6	240
245							4.4	4.6		4.8	5	5.1	4	4.9	5.2	3.6	4.2	4.3	245
250							4.2	4.3		4.7	4.8		3.5	4.4	4.5	3.2	4	4.1	250
255							2.5			4.4	4.6		3.1	3.8	3.9	2.7	3.6	3.8	255
260										3.9	4.4		2.7	3.3		2.3	3.1	3.3	260
265										2.5			2.3	2.9		1.9	2.6	2.7	265
270													1.9	2.4		1.5	2.2		270
275													1.5	1.9			1.7		275

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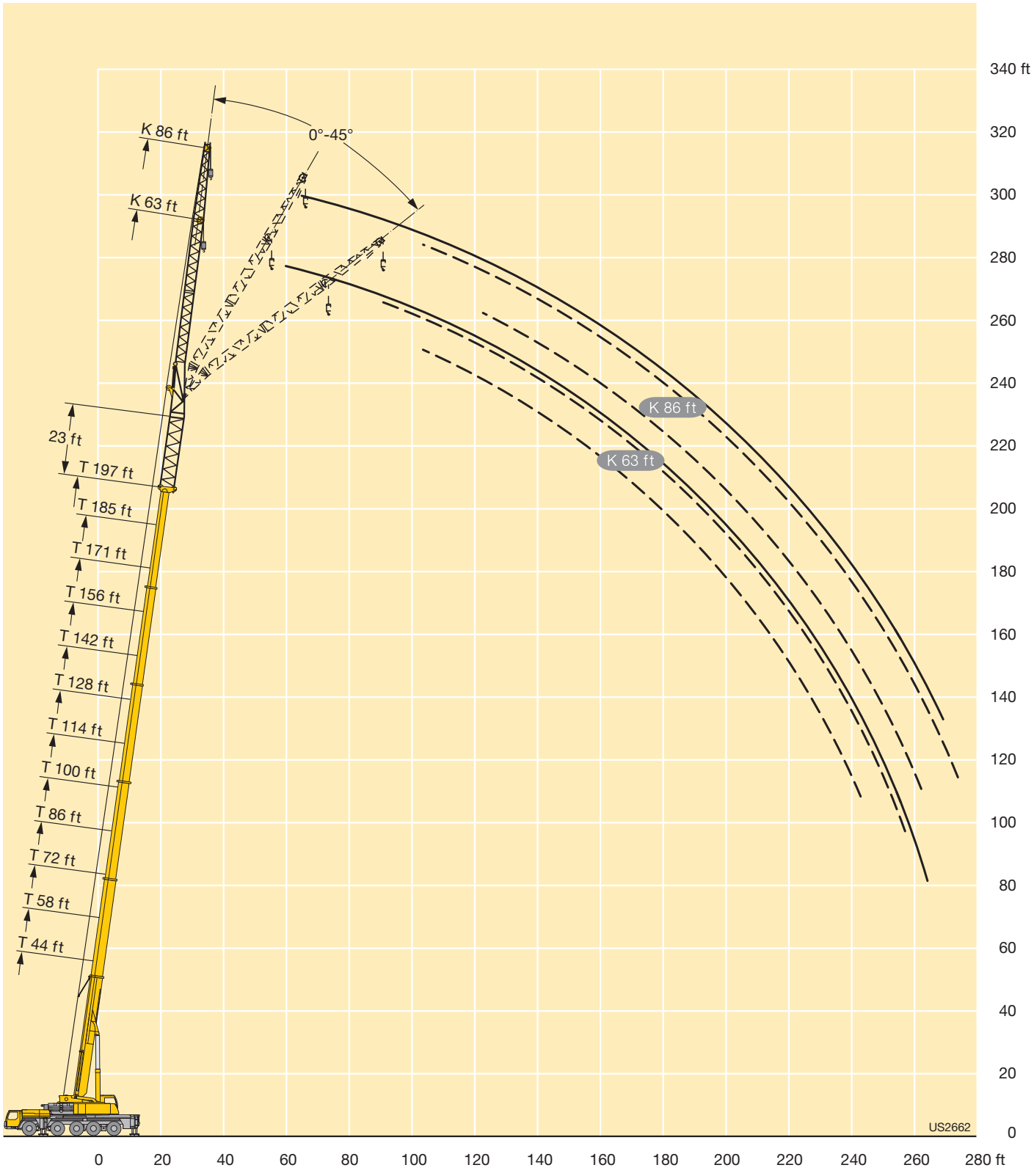
Lifting heights
Hauteurs de levage

TVNZK

LICCON2



Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 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°	
22	17.6																		22
24	17.6			16.7															24
26	17.6			16.7															26
28	17.5			16.7			15.6												28
30	17.5			16.7			15.6												30
32	17.5			16.7			15.6			14.9									32
34	17.5			16.6			15.5			14.8									34
36	17.4			16.6			15.5			14.8			13.9						36
38	17.4			16.5			15.4			14.8			13.8			13.2			38
40	17.3			16.5			15.4			14.7			13.8			13.2			40
45	16.8			16.3			15.3			14.6			13.7			13.1			45
50	16.2			15.9			15.1			14.5			13.6			13			50
55	15.6			15.4			14.9			14.4			13.5			12.9			55
60	15	12.5		14.9			14.4			14.2			13.4			12.9			60
65	14.4	11.9		14.4	11.9		14			13.8			13.2			12.8			65
70	13.7	11.4		13.8	11.4		13.6	11.2		13.4	11.1		13			12.7			70
75	13.1	10.8		13.3	10.9		13.1	10.8		13	10.7		12.6	10.5		12.4			75
80	12.4	10.4		12.7	10.5		12.6	10.4		12.6	10.4		12.3	10.2		12.1	10.1		80
85	11.8	9.9	8.2	12.2	10.1		12.2	10		12.2	10		11.9	9.9		11.8	9.8		85
90	11.2	9.5	7.9	11.6	9.7	7.9	11.7	9.7		11.8	9.7		11.6	9.6		11.5	9.6		90
95	10.7	9.1	7.7	11.2	9.3	7.7	11.3	9.3	7.7	11.4	9.4	7.6	11.3	9.3		11.2	9.3		95
100	10.2	8.8	7.5	10.7	9	7.5	10.8	9	7.5	11	9.1	7.5	10.9	9.1	7.4	10.9	9		100
105	9.7	8.4	7.3	10.2	8.7	7.3	10.4	8.7	7.3	10.6	8.8	7.3	10.6	8.8	7.3	10.6	8.8	7.2	105
110	9.2	8.1	7.1	9.8	8.4	7.2	10	8.5	7.2	10.3	8.6	7.2	10.3	8.6	7.1	10.3	8.6	7.1	110
115	8.7	7.9	7	9.3	8.1	7.1	9.6	8.2	7.1	9.9	8.3	7.1	9.9	8.4	7	10	8.4	7	115
120	8.3	7.6	6.9	8.9	7.8	6.9	9.2	8	7	9.5	8.1	6.9	9.6	8.1	6.9	9.7	8.2	6.9	120
125	7.8	7.4	6.8	8.4	7.6	6.8	8.8	7.8	6.9	9.2	7.9	6.8	9.3	7.9	6.8	9.4	8	6.8	125
130	7.4	7.2	6.8	8.1	7.4	6.8	8.4	7.6	6.8	8.8	7.7	6.8	8.9	7.7	6.7	9.1	7.8	6.7	130
135	7	6.9	6.8	7.6	7.2	6.7	8.1	7.4	6.7	8.5	7.5	6.7	8.6	7.5	6.7	8.8	7.6	6.7	135
140	6.6	6.6	6.8	7.3	7	6.7	7.7	7.2	6.7	8.1	7.4	6.6	8.3	7.4	6.6	8.5	7.5	6.6	140
145	6.3	6.4		6.9	6.8	6.7	7.4	7	6.7	7.8	7.2	6.6	8	7.2	6.6	8.2	7.3	6.6	145
150	6	6.2		6.6	6.6	6.7	7.1	6.8	6.7	7.5	7	6.6	7.7	7.1	6.6	7.9	7.2	6.5	150
155				6.4	6.3	6.7	6.8	6.6	6.7	7.2	6.8	6.6	7.4	6.9	6.5	7.7	7.1	6.5	155
160				6.1	6.1		6.5	6.4	6.6	6.9	6.7	6.6	7.2	6.8	6.5	7.4	6.9	6.5	160
165				5.9	6.1		6.3	6.2		6.7	6.5	6.6	6.9	6.6	6.5	7.2	6.7	6.5	165
170							6	6		6.4	6.3	6.5	6.7	6.4	6.5	6.9	6.6	6.5	170
175							5.8	5.9		6.2	6.1	6.5	6.4	6.2	6.5	6.7	6.4	6.5	175
180							5.7			6	6		6.2	6.1	6.4	6.5	6.2	6.4	180
185										5.8	5.9		5.9	5.9	6.3	6.3	6.1	6.3	185
190										5.7	5.8		5.7	5.8		6.1	5.9	6.3	190
195										5.6			5.5	5.6		5.9	5.8	6.2	195
200													5.3	5.4		5.8	5.7	6.1	200
205													5.1	5.3		5.6	5.6		205
210													5.1			5.4	5.5		210
215																5.2	5.4		215
220																5.1	5.3		220
225																2.8			225

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Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 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°	
45	12.3																		45
50	12.2			11.7			11												50
55	12.2			11.7			11			10.3									55
60	12.1			11.6			10.9			10.2			9.5						60
65	12			11.5			10.8			10.2			9.4			8.4			65
70	11.9			11.4			10.8			10.1			9.4			8.4			70
75	11.8			11.4			10.7			10			9.3			8.3			75
80	11.6			11.3			10.6			10			9.3			8.2			80
85	11.4	9.7		11.1			10.6			9.9			9.2			8.1			85
90	11.2	9.4		10.9	9.3		10.5			9.9			9.1			8			90
95	10.9	9.2		10.7	9.1		10.3	8.9		9.8			9			8			95
100	10.7	8.9		10.5	8.9		10.1	8.7		9.7	8.5		8.9			7.9			100
105	10.4	8.7		10.3	8.6		9.9	8.5		9.5	8.3		8.8	8.1		7.8			105
110	10.1	8.5	7	10	8.5		9.7	8.3		9.4	8.2		8.7	7.9		7.7	7.3		110
115	9.9	8.3	7	9.8	8.3	6.9	9.5	8.2	6.8	9.2	8		8.6	7.8		7.6	7.3		115
120	9.6	8.1	6.9	9.5	8.1	6.8	9.3	8	6.8	9	7.9	6.7	8.5	7.7		7.6	7.2		120
125	9.3	7.9	6.8	9.3	7.9	6.7	9.1	7.8	6.7	8.8	7.7	6.6	8.4	7.6	6.5	7.5	7.1		125
130	9	7.8	6.7	9	7.8	6.7	8.9	7.7	6.6	8.6	7.6	6.5	8.2	7.4	6.4	7.4	7.1		130
135	8.8	7.6	6.6	8.8	7.6	6.6	8.6	7.5	6.5	8.4	7.5	6.5	8.1	7.3	6.3	7.4	7	6.2	135
140	8.5	7.5	6.6	8.5	7.5	6.5	8.4	7.4	6.5	8.2	7.3	6.4	7.9	7.2	6.3	7.3	6.9	6.1	140
145	8.2	7.3	6.5	8.3	7.3	6.5	8.2	7.3	6.4	8.1	7.2	6.3	7.8	7.1	6.2	7.2	6.8	6.1	145
150	8	7.2	6.5	8	7.2	6.4	8	7.2	6.4	7.9	7.1	6.3	7.6	7	6.2	7.1	6.7	6.1	150
155	7.7	7.1	6.4	7.8	7.1	6.4	7.8	7	6.3	7.7	7	6.3	7.5	6.8	6.2	7	6.6	6.1	155
160	7.5	6.9	6.4	7.6	6.9	6.4	7.6	6.9	6.3	7.5	6.8	6.2	7.3	6.7	6.2	6.9	6.4	6	160
165	7.3	6.8	6.4	7.4	6.8	6.4	7.4	6.8	6.3	7.3	6.7	6.2	7.2	6.6	6.1	6.7	6.3	6	165
170	7.1	6.6	6.4	7.2	6.7	6.3	7.2	6.6	6.3	7.2	6.6	6.2	7	6.5	6.1	6.6	6.2	6	170
175	6.9	6.4	6.4	7	6.5	6.3	7	6.5	6.3	7	6.5	6.2	6.9	6.3	6.1	6.5	6.1	5.9	175
180	6.6	6.3	6.4	6.8	6.4	6.3	6.8	6.3	6.3	6.8	6.3	6.2	6.7	6.2	6.1	6.3	6	5.9	180
185	6.4	6.2	6.3	6.6	6.2	6.3	6.7	6.2	6.2	6.7	6.2	6.1	6.6	6.1	6	6.2	5.9	5.8	185
190	6.2	6	6.2	6.4	6.1	6.2	6.5	6.1	6.2	6.5	6.1	6.1	6.4	6	6	6.1	5.7	5.8	190
195	6	5.9	6.2	6.2	6	6.2	6.3	6	6.1	6.3	6	6	6.3	5.9	5.9	5.9	5.6	5.7	195
200	5.8	5.8	6.1	6.1	5.9	6.1	6.2	5.9	6	6.2	5.9	6	6.1	5.8	5.9	5.7	5.5	5.7	200
205	5.5	5.6	6	5.9	5.7	6.1	6	5.7	6	6	5.8	5.9	6	5.7	5.8	5.5	5.5	5.6	205
210	5.3	5.5		5.7	5.6	6	5.8	5.7	6	5.9	5.7	5.9	5.9	5.6	5.8	5.2	5.4	5.5	210
215	5.1	5.3		5.5	5.5	5.9	5.7	5.6	5.9	5.8	5.6	5.8	5.8	5.5	5.8	5	5.2	5.4	215
220	4.9	5.1		5.3	5.4	5.7	5.4	5.4	5.9	5.6	5.5	5.8	5.6	5.4	5.7	4.8	5.1	5.3	220
225	4.8	4.9		5.1	5.3		5.2	5.4	5.7	5.5	5.4	5.8	5.5	5.3	5.7	4.6	5	5.2	225
230	4.6	4.7		5	5.1		5	5.2	5.4	5.3	5.3	5.7	5.4	5.3	5.7	4.4	4.8	5	230
235	4.5			4.8	5		4.8	5	5.1	5.1	5.2	5.6	5.2	5.2	5.6	4.2	4.6	4.8	235
240				4.7	4.8		4.6	4.8		4.9	5.1	5.4	4.8	5.2	5.6	4	4.4	4.6	240
245				4.6	4.7		4.4	4.6		4.8	5	5.1	4.3	5.1	5.4	3.8	4.2	4.4	245
250				3.8			4.2	4.4		4.6	4.8	4.9	3.8	4.9	5.1	3.5	4	4.2	250
255							4	4.2		4.4	4.6		3.4	4.4	4.7	3	3.8	4	255
260							3.8			4.2	4.4		3	3.9	4	2.6	3.5	3.7	260
265										3.9	4.3		2.6	3.4	3.4	2.2	3.2	3.4	265
270										3.4	3.9		2.2	2.9		1.8	2.7	2.8	270
275										1.7			1.9	2.5		1.5	2.2		275
280													1.5	2			1.8		280
285														1.5					285

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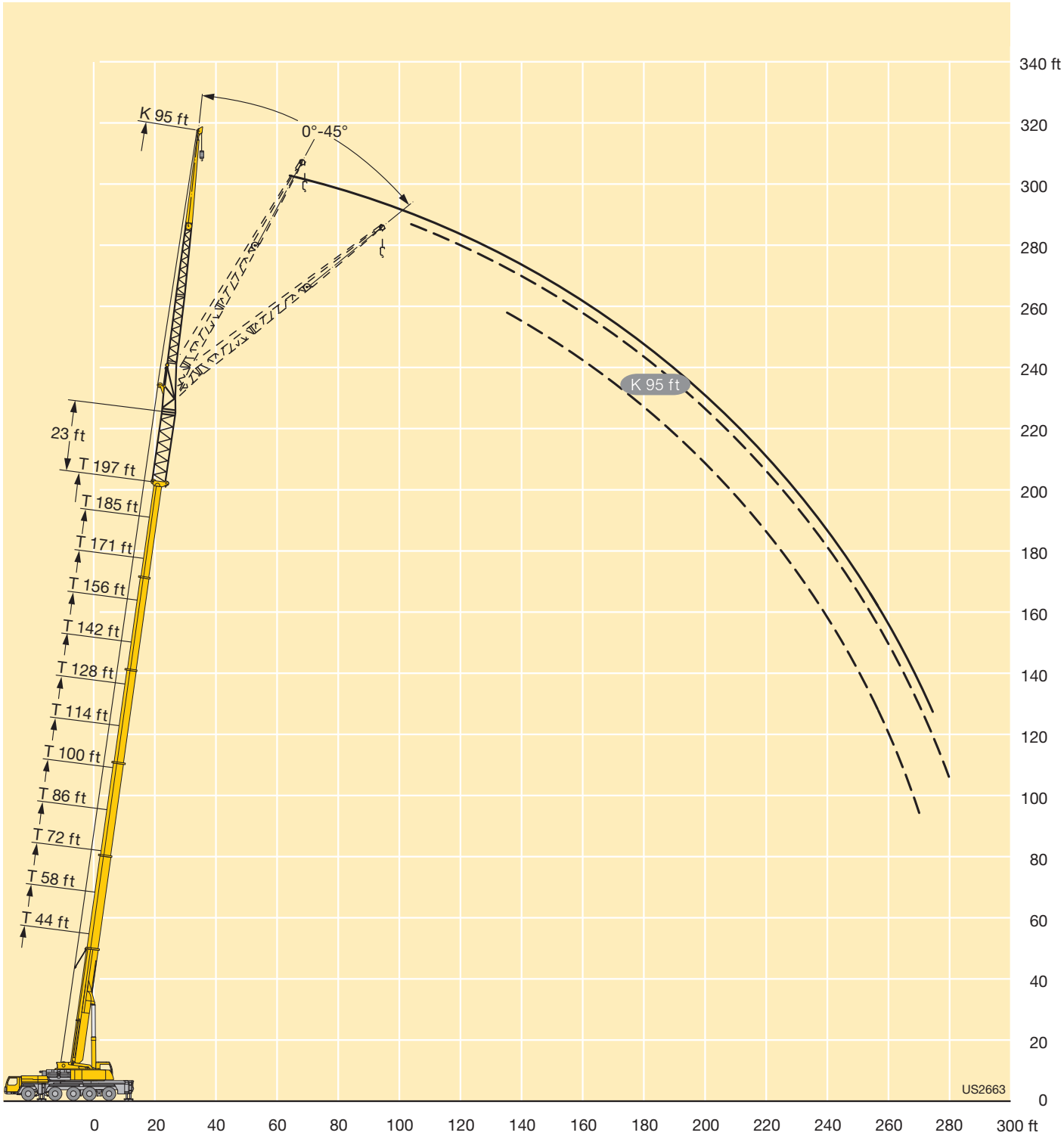
Lifting heights
Hauteurs de levage

TVNZK

LICCON2



Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 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°	
26	13.1																		26
28	13.1																		28
30	13			12.4															30
32	13			12.3															32
34	13			12.3			11.4												34
36	12.9			12.2			11.3			10.8									36
38	12.8			12.2			11.3			10.8									38
40	12.8			12.2			11.3			10.7			10						40
45	12.5			12			11.2			10.7			9.9			9.5			45
50	12.1			11.7			11			10.6			9.9			9.4			50
55	11.6			11.4			10.8			10.4			9.8			9.4			55
60	11.2			11			10.5			10.3			9.7			9.3			60
65	10.7			10.6			10.2			10			9.5			9.2			65
70	10.2			10.2			9.9			9.7			9.3			9.1			70
75	9.7	7.9		9.8	7.9		9.5			9.4			9.1			8.9			75
80	9.3	7.5		9.3	7.5		9.2	7.3		9.1			8.8			8.6			80
85	8.8	7.2		8.9	7.2		8.8	7.1		8.8	7		8.5			8.4			85
90	8.3	6.8		8.5	6.8		8.5	6.8		8.5	6.7		8.3	6.6		8.2			90
95	7.9	6.5		8.1	6.6		8.1	6.5		8.2	6.5		8	6.4		7.9	6.3		95
100	7.5	6.2		7.7	6.3		7.8	6.2		7.8	6.3		7.7	6.2		7.7	6.1		100
105	7.1	5.9	4.9	7.4	6		7.5	6		7.6	6		7.5	6		7.4	5.9		105
110	6.8	5.7	4.7	7	5.8	4.7	7.2	5.8	4.7	7.3	5.8		7.2	5.7		7.2	5.7		110
115	6.4	5.4	4.6	6.7	5.5	4.6	6.9	5.6	4.6	7	5.6	4.6	7	5.6		7	5.6		115
120	6.1	5.2	4.5	6.4	5.3	4.5	6.6	5.4	4.5	6.7	5.4	4.5	6.7	5.4	4.4	6.8	5.4		120
125	5.8	5	4.4	6.1	5.1	4.4	6.3	5.2	4.4	6.5	5.2	4.4	6.5	5.2	4.3	6.5	5.2	4.3	125
130	5.5	4.9	4.3	5.8	5	4.3	6	5	4.3	6.2	5.1	4.3	6.3	5.1	4.3	6.3	5.1	4.2	130
135	5.3	4.7	4.2	5.6	4.8	4.2	5.8	4.9	4.2	6	4.9	4.2	6	5	4.2	6.1	5	4.2	135
140	5	4.6	4.1	5.3	4.7	4.1	5.5	4.8	4.1	5.8	4.8	4.1	5.8	4.8	4.1	5.9	4.8	4.1	140
145	4.8	4.4	4.1	5.1	4.5	4.1	5.3	4.6	4.1	5.5	4.7	4.1	5.6	4.7	4.1	5.7	4.7	4	145
150	4.6	4.3	4.1	4.9	4.4	4	5.1	4.5	4	5.3	4.6	4	5.4	4.6	4	5.5	4.6	4	150
155	4.4	4.2	4.1	4.8	4.3	4	5	4.4	4	5.1	4.5	4	5.2	4.5	4	5.3	4.5	3.9	155
160	4.2	4.1	4.1	4.6	4.2	4	4.8	4.3	4	5	4.4	4	5.1	4.4	3.9	5.2	4.4	3.9	160
165	4	4.1	4.1	4.4	4.1	4	4.6	4.2	4	4.8	4.3	3.9	4.9	4.3	3.9	5	4.3	3.9	165
170	3.8	4		4.2	4.1	4	4.5	4.1	4	4.7	4.2	3.9	4.8	4.2	3.9	4.9	4.3	3.9	170
175	3.7	4		4	4		4.4	4.1	4	4.5	4.1	3.9	4.7	4.1	3.9	4.8	4.2	3.8	175
180				3.9	4		4.2	4	4	4.4	4	3.9	4.6	4.1	3.9	4.7	4.1	3.8	180
185				3.8	4		4.1	3.9	4	4.3	4	3.9	4.4	4	3.9	4.6	4	3.8	185
190				3.7			3.9	3.9		4.2	3.9	3.9	4.3	4	3.9	4.4	4	3.8	190
195							3.8	3.9		4.1	3.9	3.9	4.2	3.9	3.9	4.3	3.9	3.8	195
200							3.7	3.9		3.9	3.9		4.1	3.9	3.9	4.2	3.9	3.8	200
205							3.6			3.8	3.8		4	3.8	3.9	4.1	3.8	3.8	205
210										3.7	3.8		3.9	3.8		4	3.8	3.8	210
215										3.6	3.8		3.8	3.8		3.9	3.8	3.8	215
220													3.7	3.7		3.8	3.7		220
225													3.6	3.7		3.7	3.7		225
230													3.5			3.6	3.7		230
235																3.5	3.6		235
240																3.5	3.6		240
245																3.5			245

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Lifting capacities
Forces de levage

TVNZK

LICCON2

ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 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°	
50	8.8																		50
55	8.8			8.3															55
60	8.7			8.3			7.7			7.1									60
65	8.6			8.2			7.6			7			6.4						65
70	8.6			8.2			7.6			7			6.4			5.3			70
75	8.4			8.1			7.5			7			6.3			5.2			75
80	8.3			8			7.5			6.9			6.3			5.2			80
85	8.1			7.9			7.4			6.9			6.3			5.1			85
90	7.9			7.7			7.4			6.8			6.2			5			90
95	7.7			7.5			7.2			6.8			6.2			4.9			95
100	7.5	6		7.3			7			6.7			6.1			4.9			100
105	7.3	5.8		7.1	5.8		6.9	5.6		6.6			6			4.8			105
110	7.1	5.7		7	5.6		6.7	5.5		6.5	5.4		5.9			4.7			110
115	6.9	5.5		6.8	5.4		6.6	5.3		6.3	5.2		5.9	5		4.7			115
120	6.7	5.3		6.6	5.3		6.4	5.2		6.2	5.1		5.8	5		4.6			120
125	6.5	5.2		6.4	5.2		6.2	5.1		6.1	5		5.7	4.9		4.5	4.7		125
130	6.3	5.1	4.2	6.3	5.1		6.1	5		5.9	4.9		5.6	4.8		4.5	4.6		130
135	6.1	5	4.1	6.1	4.9	4.1	5.9	4.9		5.8	4.8		5.5	4.7		4.4	4.5		135
140	5.9	4.8	4.1	5.9	4.8	4	5.8	4.8	4	5.7	4.7	3.9	5.4	4.6		4.4	4.4		140
145	5.7	4.7	4	5.7	4.7	4	5.6	4.7	3.9	5.5	4.6	3.9	5.3	4.5	3.8	4.3	4.3		145
150	5.5	4.6	4	5.6	4.6	3.9	5.5	4.6	3.9	5.4	4.5	3.9	5.2	4.4	3.8	4.3	4.3		150
155	5.4	4.5	3.9	5.4	4.5	3.9	5.4	4.5	3.8	5.3	4.4	3.8	5.1	4.4	3.7	4.2	4.2	3.6	155
160	5.2	4.4	3.9	5.3	4.4	3.8	5.2	4.4	3.8	5.1	4.4	3.8	5	4.3	3.7	4.2	4.1	3.6	160
165	5.1	4.4	3.8	5.1	4.4	3.8	5.1	4.3	3.8	5	4.3	3.7	4.9	4.2	3.7	4.1	4.1	3.6	165
170	4.9	4.3	3.8	5	4.3	3.8	5	4.3	3.8	4.9	4.2	3.7	4.8	4.1	3.6	4.1	4	3.6	170
175	4.8	4.2	3.8	4.9	4.2	3.8	4.9	4.2	3.7	4.8	4.1	3.7	4.7	4.1	3.6	4.1	4	3.5	175
180	4.7	4.1	3.8	4.7	4.1	3.7	4.7	4.1	3.7	4.7	4.1	3.6	4.6	4	3.6	4	3.9	3.5	180
185	4.6	4.1	3.8	4.6	4.1	3.7	4.6	4.1	3.7	4.6	4	3.6	4.5	3.9	3.6	4	3.9	3.5	185
190	4.5	4	3.8	4.5	4	3.7	4.5	4	3.7	4.5	4	3.6	4.5	3.9	3.6	4	3.8	3.5	190
195	4.4	3.9	3.8	4.4	4	3.7	4.5	3.9	3.6	4.4	3.9	3.6	4.4	3.8	3.5	4	3.7	3.5	195
200	4.3	3.9	3.8	4.3	3.9	3.7	4.4	3.9	3.6	4.4	3.9	3.6	4.3	3.8	3.5	4	3.7	3.4	200
205	4.2	3.8	3.8	4.2	3.8	3.7	4.3	3.8	3.6	4.3	3.8	3.6	4.2	3.8	3.5	4	3.6	3.4	205
210	4.1	3.8	3.8	4.1	3.8	3.7	4.2	3.8	3.6	4.2	3.8	3.6	4.1	3.7	3.5	4	3.6	3.4	210
215	4	3.8	3.8	4.1	3.8	3.7	4.1	3.7	3.6	4.1	3.7	3.6	4	3.7	3.5	3.8	3.6	3.4	215
220	3.9	3.7	3.8	4	3.7	3.7	4	3.7	3.6	4	3.7	3.6	4	3.6	3.5	3.7	3.5	3.4	220
225	3.8	3.7	3.8	3.9	3.7	3.7	3.9	3.7	3.6	3.9	3.6	3.6	3.9	3.6	3.5	3.6	3.5	3.4	225
230	3.7	3.6	3.8	3.8	3.7	3.7	3.8	3.6	3.6	3.8	3.6	3.6	3.8	3.6	3.5	3.4	3.5	3.4	230
235	3.6	3.6		3.7	3.6	3.7	3.7	3.6	3.6	3.7	3.6	3.6	3.7	3.5	3.5	3.3	3.4	3.4	235
240	3.5	3.6		3.6	3.6	3.7	3.7	3.6	3.6	3.7	3.5	3.6	3.7	3.5	3.5	3.1	3.4	3.4	240
245	3.4	3.5		3.5	3.5		3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.4	3.5	2.9	3.3	3.3	245
250	3.2	3.3		3.5	3.5		3.5	3.5	3.6	3.5	3.4	3.6	3.5	3.4	3.5	2.7	3.2	3.3	250
255	3.1			3.4	3.5		3.4	3.4	3.6	3.5	3.4	3.6	3.4	3.4	3.5	2.5	3	3.2	255
260	2.9			3.3	3.4		3.2	3.4		3.4	3.4	3.6	3	3.3	3.5	2.3	2.8	3.2	260
265				3.2	3.3		3	3.3		3.3	3.3	3.6	2.6	3.3	3.5	2.1	2.6	3	265
270				3.1			2.9	3.1		3.2	3.3	3.6	2.2	3.3	3.5	1.8	2.5	2.7	270
275							2.7			3	3.3		1.8	2.9	3.3	1.4		2.5	275
280							2.5			2.8	3.1		1.5	2.5	2.7			2.3	280
285										2.4	2.9			2.1					285
290										2.1									290

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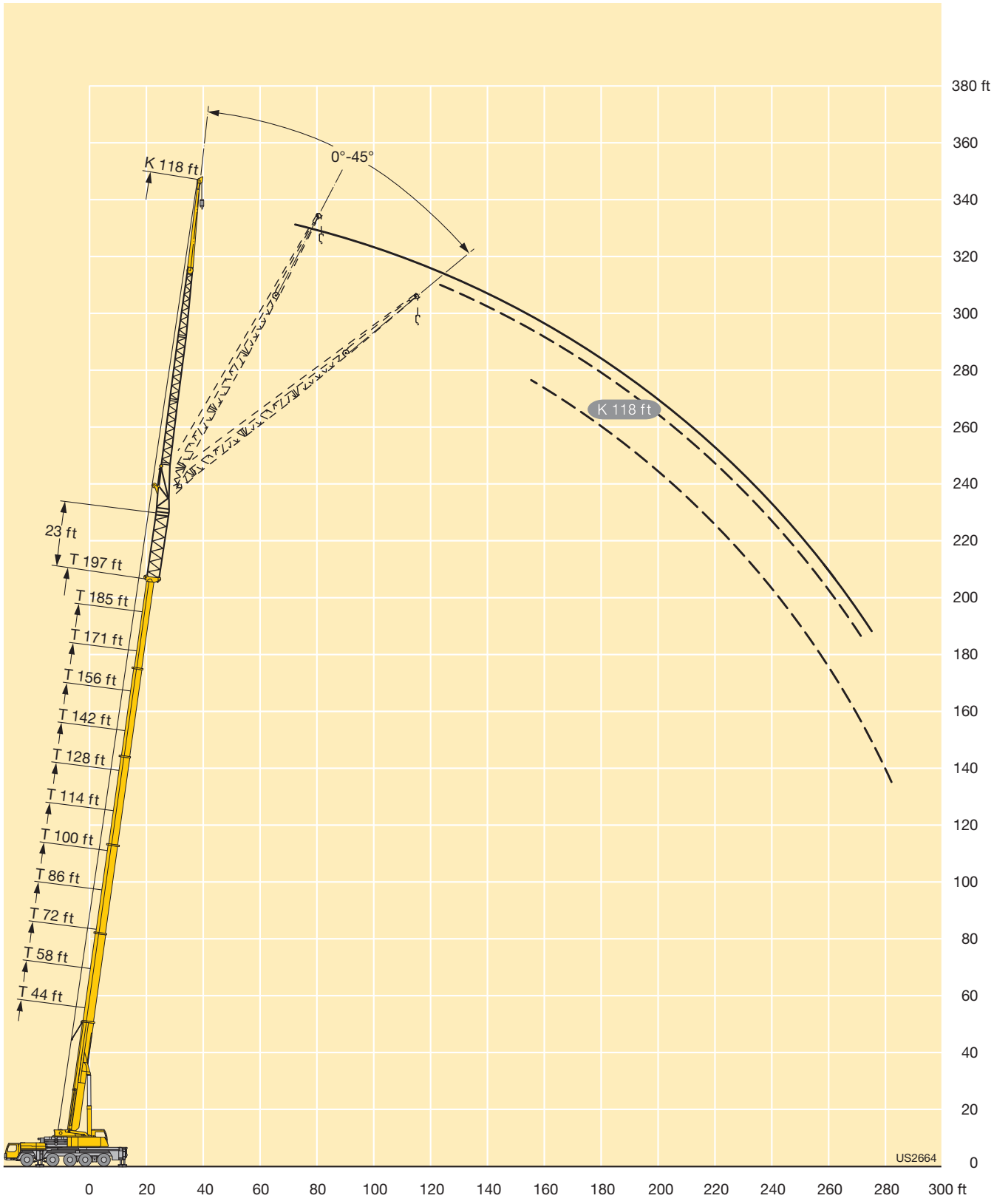
Lifting heights
Hauteurs de levage

TVNZK

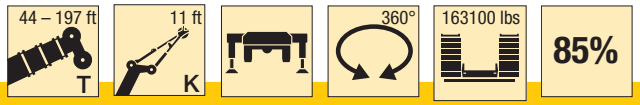
LICCON2



Lifting capacities
Forces de levage

TK

LICCON2



ft	44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	ft
10	90.8												10
11	90.8	90.8											11
12	90.8	90.8											12
13	90.8	90.8											13
14	90.8	90.8	90.8										14
15	90.8	90.8	90.8										15
16	90.8	90.8	90.8										16
17	90.8	90.8	90.8	90.8									17
18	90.8	90.8	90.8	90.8									18
19	90.8	90.8	90.8	90.8									19
20	90.8	90.8	90.8	90.8	90.8								20
22	90.8	90.8	90.8	90.8	90.8								22
24	90.8	90.8	90.8	90.8	90.8	90.8							24
26	90.8	90.8	90.8	90.8	90.8	90.8							26
28	90.8	90.8	90.8	90.8	90.8	90.8	86						28
30	90.8	90.8	90.8	90.8	90.8	90.8	90.8						30
32	90.8	90.8	90.8	90.8	90.8	90.8	90.8	79.8					32
34	90.8	90.8	90.8	90.8	90.8	90.8	90.8	87.6					34
36	87	90.8	90.8	90.8	90.8	90.8	90.8	85.3					36
38	82.1	90.8	90.8	90.8	90.8	90.8	90.8	83	70.5				38
40	79.7	90.8	90.8	90.8	90.8	90.8	90.8	80.7	68.8				40
45	74.1	88.9	90.8	90.8	90.8	90.8	86.3	75.3	65.3	56	47.4		45
50		80.7	90.8	90.8	90.8	88.4	79.8	70.5	61.9	53.1	45.6	39.8	50
55		76.4	88.3	89	88.3	84.3	73.7	66.1	58.4	50.4	43.6	38.2	55
60		69.3	80.3	79.5	78.1	78.9	68.2	61.9	55.1	47.7	41.7	36.6	60
65			71.9	71.1	72.6	71	63.2	58	52.2	45.3	39.9	35.1	65
70			64.3	66.1	65.4	63.9	58.8	54.2	49.5	43.4	38	33.6	70
75			48.8	60.3	59.4	57.9	54.7	51	46.9	41.6	36.3	32.1	75
80				55.1	54.2	52.7	51.1	47.9	44.6	39.7	34.6	30.7	80
85				49.7	49.7	48.2	46.7	45.7	42.4	37.9	33	29.3	85
90				32.2	45.8	44.3	42.9	43.3	40.3	36.2	31.7	28	90
95					42.3	40.8	40.8	40.3	38.2	34.6	30.4	26.8	95
100					37.2	37.6	38.7	37.1	36.3	33	29.1	25.6	100
105						35.5	35.8	34.2	33.9	31.7	27.9	24.5	105
110						34.4	33.2	32.3	31.9	30.3	26.8	23.5	110
115						29.3	30.8	30.1	29.9	29.1	25.7	22.5	115
120							28.7	28.4	27.8	27.3	24.7	21.6	120
125							26.7	27.2	25.8	25.3	23.7	20.7	125
130							22.8	25.5	24.7	24	22.8	19.9	130
135								23.8	23.2	22.4	21.9	19.1	135
140								22.1	21.8	20.8	20.6	18.3	140
145								16.8	20.8	19.5	19.2	17.6	145
150									19.5	18.8	17.8	17	150
155									17.7	17.7	16.6	16.3	155
160									10.7	16.6	15.5	15.4	160
165										15.5	14.4	14.3	165
170										13.2	13.4	13.4	170
175											12.4	12.4	175
180											11.6	11.5	180
185											8.8	10.7	185
190												9.9	190
195												8.6	195
200												4	200

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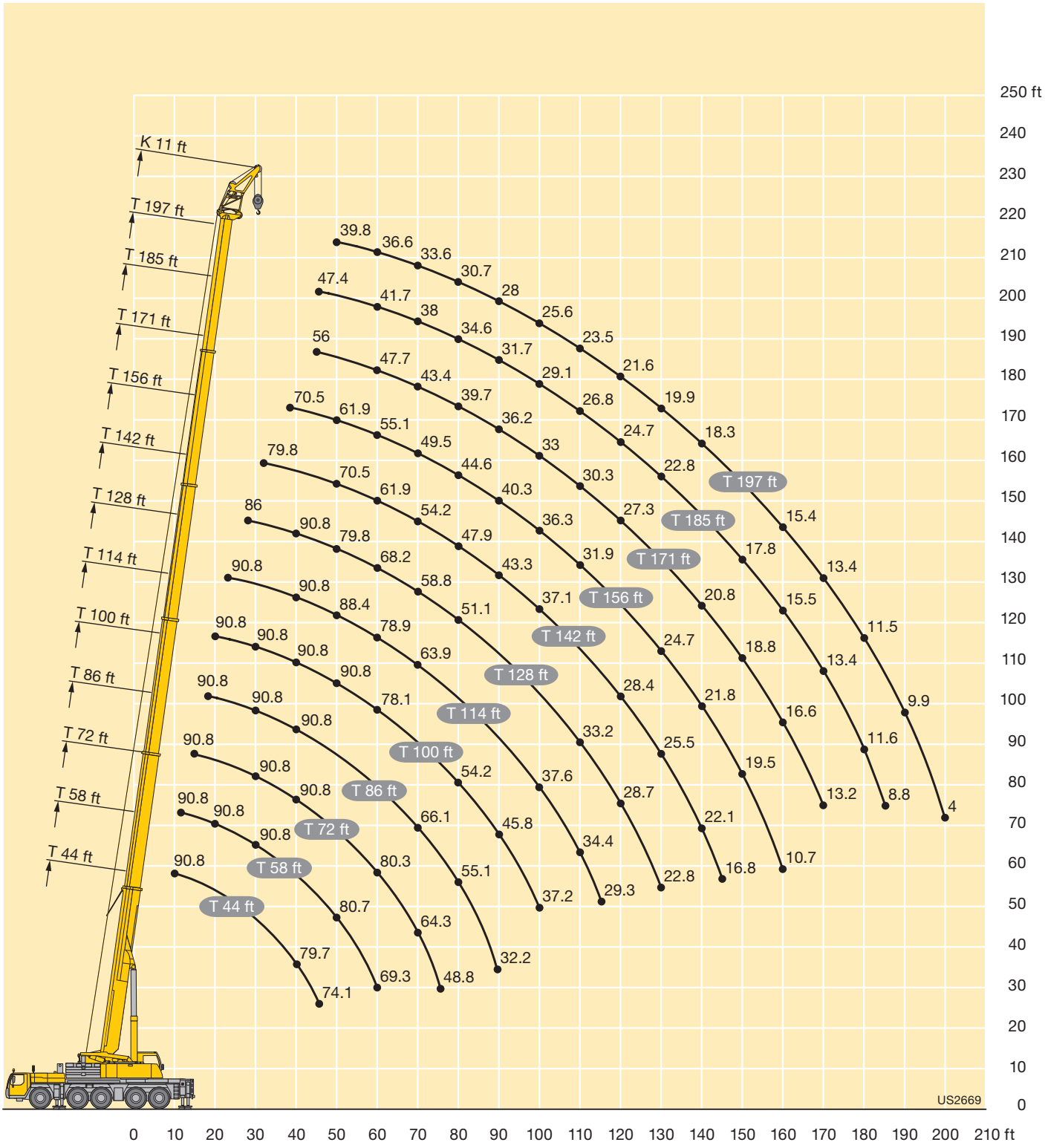
Lifting heights
Hauteurs de levage

LICCON2



Equipment
Equipement

Crane carrier

Frame	Self-manufactured, torsion-resistant box-type design of high-tensile fine grained 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 390 kW (530 h.p.), max. torque 1846 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 125 gallons. Adblue reservoir: 10.6 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 hydro-pneumatically suspended with automatic leveling. Suspension hydraulically lockable.
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 2nd and 5th axle. Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear.
Driver's cab	Spacious corrosion resistant with comfort furnishings, mounted on rubber shock absorbers, safety glazing.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Crane superstructure

Frame	Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim.
Crane engine	4-cylinder Diesel, make Liebherr, watercooled, output 180 kW (245 h.p.), max. torque 841 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 77 gallons. Adblue reservoir: 5.3 gallons.
Crane drive	Diesel-hydraulic, with 5 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatment.
Control	Electronic control by the LICCON computer system (PLC control), two self-centering control levers (joy-sticks). Infinitely variable crane motions through displacement control of the hydraulic pump. Additional working speed control by variation of the Diesel engine.
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 5 telescopic sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system Telematik. Boom length 44 ft to 197 ft.
Counterweight	163100 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°. 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 pining 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, 525/80 R 25 (20.5 R 25).
Drive 10 x 8	Additional drive of the 1st axle.

Other items of equipment available on request.

Châssis porteur

Cadre	Châssis résistant à la torsion de fabrication Liebherr, en acier à grains fins très résistant.
Stabilisateurs	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Utilisation avec commande à distance, mise à niveau automatique du calage, inclinomètre électronique.
Moteur	Moteur diesel, 6 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 390 kW (530 ch), couple max. 1846 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 125 gallons. Reservoir Adblue: 10.6 gallons.
Boîte de vitesse	Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande AS-TRONIC. Ralentisseur hydrodynamique ZF directement accouplé à la boîte. Boîte de transfert à 2 étages avec blocage de différentiel.
Essieux	Essieux nécessitant peu d'entretien, les 5 essieux sont directeurs. Les essieux 2, 4 et 5 sont des essieux planétaires, tous les essieux moteurs avec différentiel transversal et l'essieu 4 avec différentiel longitudinal.
Suspension	Tous les essieux sont à suspension hydropneumatique avec mise à niveau automatique. Suspension blocable hydrauliquement.
Pneumatiques	10 pneus de taille: 445/95 R 25 (16.00 R 25).
Direction	2 circuits avec direction assistée hydraulique. Direction active des essieux arrière et dépendante de la vitesse, programmes de direction spéciaux pour les différents modes de déplacement.
Freins	Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits. Frein à main: ressort accumulé agissant sur les roues des essieux 2 à 5. Freins continus: frein moteur par clapet sur échappement avec système de ralentissement Liebherr ZBS. Ralentisseur hydrodynamique accouplé à la boîte de vitesses.
Cabine	Spacieuse cabine, traitement anticorrosion, équipement «grand confort», suspension par silentblocs, vitrage de sécurité.
Installation électrique	Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Partie tournante

Châssis	Fabrication Liebherr, construction soudée indéformable, en acier à grain fin haute résistance. Couronne d'orientation à triple rangée de rouleaux.
Moteur	Moteur diesel Liebherr, 4 cylindres, à refroidissement par eau, de 180 kW (245 ch), couple max. 841 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 77 gallons. Reservoir Adblue: 5.3 gallons.
Entraînement de la grue	Diesel hydraulique avec 5 pompes à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages. Entraînement hydraulique compact, accouplé directement au moteur Diesel, mécanisme d'entraînement total fermé pour une bonne insonorisation.
Commande	Commande électronique par l'ordinateur LICCON (commande SPS). 2 leviers à 4 directions avec rappel automatique au point mort. Commande des mouvements progressive en continu par variation de l'inclinaison des pompes et augmentation du régime moteur.
Mécanisme de levage	Moteur hydraulique à cylindrée variable, treuil de marque Liebherr avec réducteur planétaire à frein d'arrêt à lamelles intégrées, en circuit hydraulique fermé.
Mécanisme de relevage	1 vérin hydraulique différentiel avec clapets anti-retour de sécurité.
Dispositif de rotation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort.
Cabine du grutier	Construction en tôle d'acier entièrement zinguée avec peinture par poudrage et cuisson au four, avec glaces de sécurité, appareils de commande et de contrôle, équipement confortable. Cabine inclinable vers l'arrière.
Dispositif de sécurité	Contrôleur de charge, „LICCON2", système test, limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.
Flèche télescopique	Un élément de base et de 5 télescopes. Chaque partie peut être télescopée individuellement à l'aide du système de télescopage séquentiel rapide Telematik. Longueur de flèche: 44 ft – 197 ft.
Contrepoids	163100 lbs
Installation électrique	Technique moderne de transmission de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Equipement supplémentaire

Fléchette pliante K/NZK	Longueur: 40 ft – 118 ft, montable sous un angle de 0°, 22.5° ou 45°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 45° (en option).
Rallonge flèche télescopique V	Elément en treillis de 23 ft, de cette manière point d'articulation plus haute de 23 ft pour la flèche pliante.
2ème mécanisme de levage	Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.
Pneumatiques	10 pneus. Taille: 525/80 R 25 (20.5 R 25).
Entraînement 10 x 8	Essieu 1 est entraîné additionnellement.

Autres équipements supplémentaires sur demande.

Description of symbols
Explication des symboles

General symbols
Symboles généraux

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

Crane specific symbols
Symboles spécifiques à la grue

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

Remarks referring to load charts

1. The lifting capacities do not exceed 85 % of the tipping load according to ASME B 30.5.
   The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
2. For the calculation of the load charts at least a wind speed of 23 ft/s (7 m/s, 15.7 mph) and regarding the load a sail area of 1 m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. Lifting capacities are given in kips.
4. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
5. Working radii are measured from the slewing centre.
6. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
7. Subject to modification of lifting capacities.
8. Lifting capacities above 295.4 kips / 332.9 kips only with additional pulley block/special equipment.
9. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.

Remarques relatives aux tableaux des charges

1. La capacité de charge ne doit pas dépasser 85 % de la charge de basculement conformément à ASME B 30.5.
   La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
2. Une vitesse de vent de 23 ft/s (7 m/s, 15.7 mph) minimum, une surface de prise au vent de 1 m² par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)(s) sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3. Les charges sont indiquées en kips.
4. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
5. Les portées sont calculées à partir de l'axe de rotation.
6. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
7. Charges données sous réserve de modification.
8. Les charges supérieures à 295.4 kips / 332.9 kips seulement avec moufle additionnel/équipement supplémentaire.
9. Les données de cette brochure sont données à titre informatif. Ces renseignements sont sans garantie. Les consignes relatives à la bonne mise en service de la grue sont disponibles dans le manuel d'utilisation et le manuel de tableaux de charge.

Subject to modification / Sous réserve de modifications

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