

Mobile Crane Grue mobile

LTM 1160-5.2

Technical Data
Caractéristiques techniques

New • Nouveau

Preliminary
Préliminaire



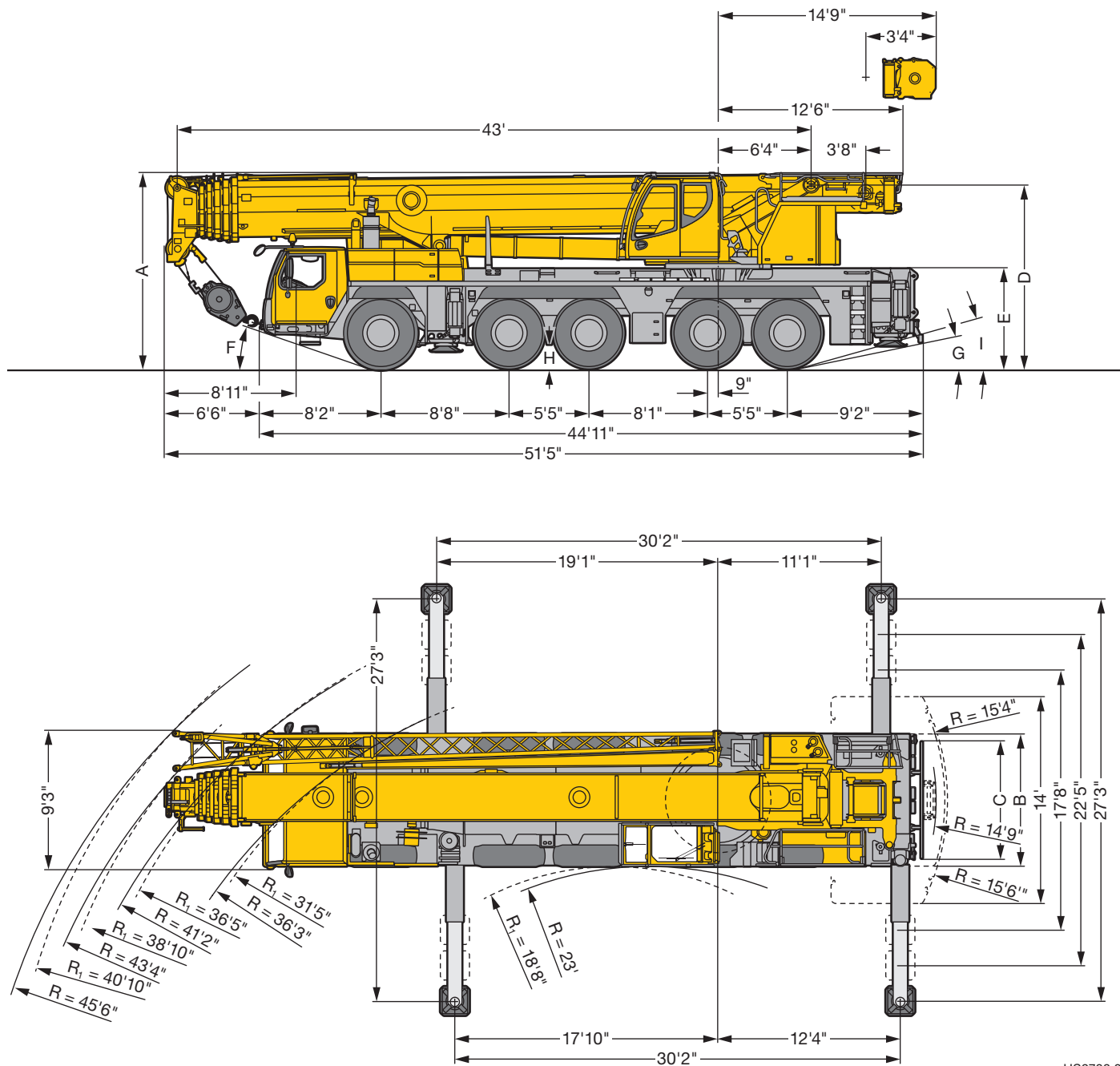
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Table of content

Tables des matières

Technical Data · Caractéristiques technique	
Dimensions · Encombrement	3
Boom/jib combinations · Configurations de flèche	4
Weights · Poids	5
T	6 – 19
TNZK	20 – 28
TVNZK	29 – 55
TK	56 – 58
Equipment · Equipement	59 – 60
Description of symbols · Explication des symboles	61
Remarks · Remarques	62

Dimensions Encombrement



US2788.01

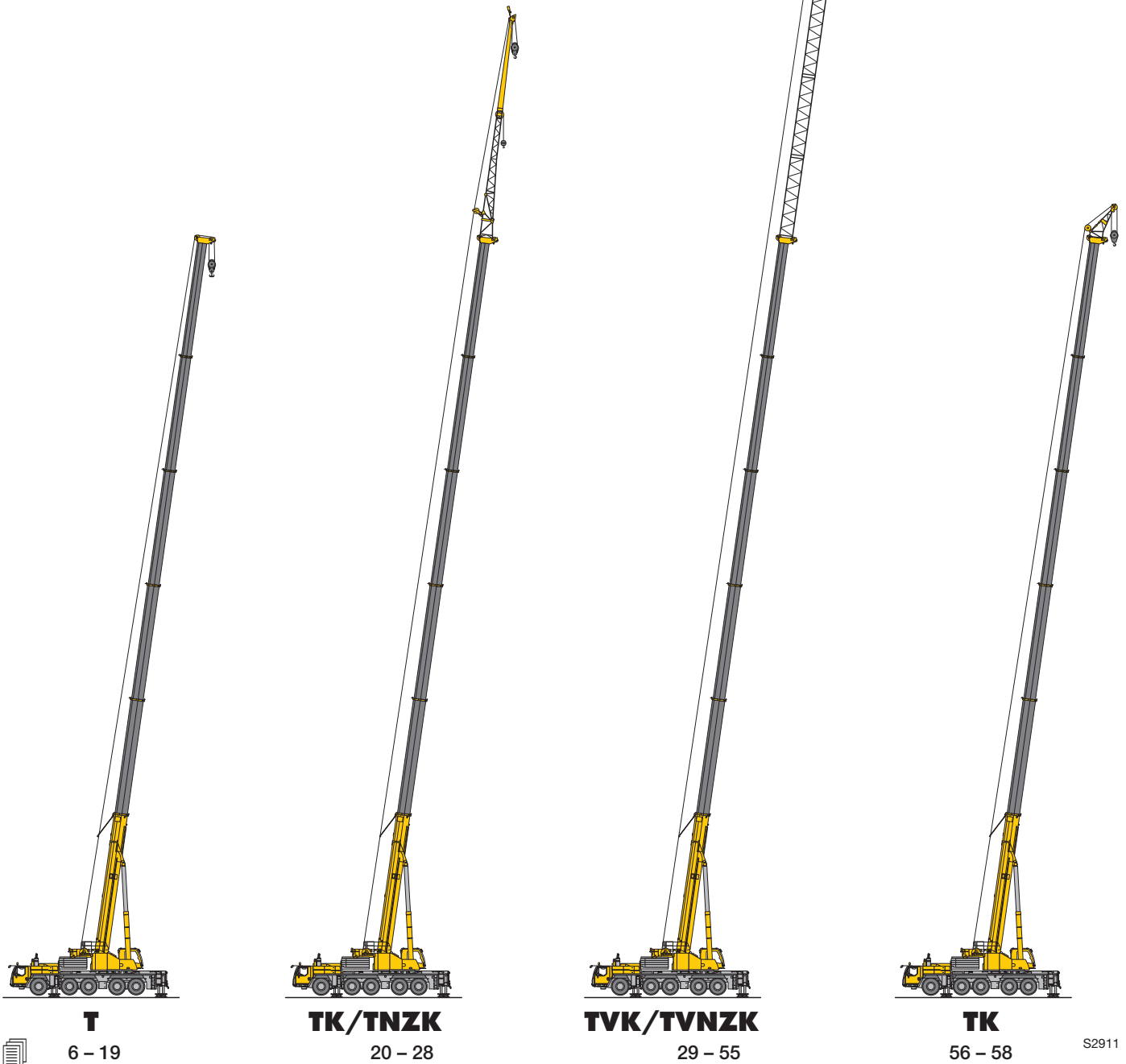
R₁ = All-wheel steering · Direction toutes roues

Dimensions · Encombrement										
	A	A 4" *	B	C	D	E	F	G	H	I
445/95 R 25 (16.00 R 25)	13'1"	12'10"	9'	7'7"	12'4"	6'9"	18°	10°	1'4"	14°
525/80 R 25 (20.5 R 25)	13'1"	12'10"	9'4"	7'7"	12'4"	6'9"	18°	10°	1'4"	14°

* lowered · abaissé

Boom/jib combinations Configurations de flèche

- T** Telescopic boom · Flèche télescopique
- K** Erection jib · Flechette de montage
- NZK** Hydraulic swing away jib · Fléchette pliante hydraulique
- V** Telescopic boom extension · Rallonge de flèche télescopique



Weights Poids



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

¹⁾ with double swing away jib, 3-sheave hook block, 2200 lbs lifting tackle · avec fléchette pliante double, moufle à crochet à trois poulies, moyen de butée de 2200 lbs



Load · Forces de levage kips	No. of sheaves · Poulies	No. of lines · Brins	Weight · Poids lbs
321.9	9	18	2910
189.6	5	10	2870/1980
135.8	3	7	1540
60	1	3	1430
20.3	–	1	770

Working speeds Vitesses



	 mph min.	 mph max.	 %
445/95 R 25 (16.00 R 25)	0.3	50	55,7 %
525/80 R 25 (20.5 R 25)			

	
	12 / R2
	4 / R2



Drive Mécanismes	infinitely variable en continu	Rope diameter / length Diamètre / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 440 ft/min single line	0.83" / 968 ft	20600 lbs
	0 – 440 ft/min single line	0.83" / 968 ft	20600 lbs
	0 – 1.2 rpm		
	approx. 65 seconds to reach 82° boom angle env. 65 s jusqu'à 82°		
	approx. 400 seconds for boom extension from 43 ft – 203 ft env. 400 s pour passer de 43 ft – 203 ft		

Lifting capacities Forces de levage

T

43 – 203 ft 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
	*												
10	352.7	189.6	189.6	189.6									10
11	313.1	189.6	189.6	189.6	189.6								11
12	300.9	189.6	189.6	189.6	189.6								12
13	289.8	189.6	189.6	189.6	189.6								13
14	279.3	189.6	189.6	189.6	189.6								14
15	268.7	189.6	189.6	189.6	189.6	166.6							15
16	256.8	189.6	189.6	189.6	189.6	165.4							16
17	242.6	189.6	189.6	189.6	189.6	164.2							17
18	229.5	189.6	189.6	189.6	189.6	163	131.3						18
19	217.5	189.6	189.5	189.6	189.3	161.8	130						19
20	206.6	188.4	186.8	188.5	188.6	160.6	128.7						20
22	187.7	175.9	176.7	176.3	175.4	158.1	126.1	94.6					22
24	171.9	164	165.3	164.8	165.3	155.2	123.5	91.3	74.7				24
26	158.3	152.8	154.5	155	154.3	151.3	120.9	88	73.3				26
28	146.5	142.7	144.5	145	144.4	143.3	118.4	84.7	71.4	59.3			28
30	136.2	133.7	135.5	136	135.2	134.3	115.9	81.6	69.4	58.2			30
32	127.2	125.1	127	127.5	126.8	125.8	113.5	78.9	67.5	56.9	48.8		32
34	119.2	116.5	118.5	119.2	118.6	117.5	111	76.4	65.5	55.7	47.9		34
36	106.3	106.2	110.9	111.5	110.9	109.7	108.5	73.9	63.6	54.4	47	37.7	36
38			104	104.6	103.9	104.6	104.5	71.4	61.8	53.2	46.1	37.3	38
40			97.9	98.4	97.8	99.5	98.4	69.1	60.1	51.9	45.2	36.7	40
45			83.9	84.5	85.9	85.6	84.3	63.9	55.6	48.6	43	35.4	45
50			72.9	73.4	75.3	74.6	73.4	58.9	52	45.3	41	34.2	50
55				64.6	66.4	65.6	64.3	54.7	48.5	42.6	39.2	32.9	55
60				59	59.1	58.3	57	50.7	45.3	40	37.3	31.5	60
65				52.9	52.8	52	50.7	47.5	42.5	37.6	35.3	30.3	65
70					47.5	46.6	45.3	44.5	39.7	35.5	33.4	29	70
75					42.9	42	40.7	41.6	37.3	33.4	31.6	27.8	75
80					38.9	38.2	36.8	37.6	35.1	31.5	29.9	26.6	80
85						35.7	34.8	34.2	32.8	29.7	28.3	25.4	85
90						32.8	33	31.2	30.8	28.1	26.8	24.3	90
95						28.7	30.3	28.5	28.6	26.6	25.4	23.2	95
100							28	26.1	26.2	25.1	24	22.1	100
105							25.9	24.5	24.1	23.1	22.8	21	105
110							20.7	23.5	22.2	21.9	21.3	20	110
115								22.2	20.4	20.6	19.6	19.1	115
120								20.6	18.9	19	18.8	18.2	120
125								14.2	17.6	17.6	17.9	17.2	125
130									17	16.3	16.7	15.8	130
135									16.5	15	15.5	14.6	135
140										13.9	14.3	13.5	140
145										13.3	13.3	12.4	145
150										12.8	12.4	11.6	150
155											11.6	10.8	155
160											10.9	10.1	160
165											10.3	9.4	165
170												8.8	170
175												8.2	175
180												7.7	180
185												7.1	185
190												6.7	190
195												6.2	195

* ± 0° over rear · en arrière

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Lifting capacities Forces de levage

T

43 – 203 ft T 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
*													
10	352.7	189.6	189.6	189.6									10
11	307.6	189.6	189.6	189.6	189.6								11
12	295.6	189.6	189.6	189.6	189.6								12
13	284.6	189.6	189.6	189.6	189.6								13
14	274.3	189.6	189.6	189.6	189.6								14
15	263.3	189.6	189.6	189.6	189.6	166.6							15
16	249.2	189.6	189.6	189.6	189.6	165.4							16
17	235.2	189.6	189.6	189.6	189.6	164.2							17
18	222.5	189.6	189.6	189.6	189.6	163	131.3						18
19	210.9	188.3	189.3	188.5	187.8	161.8	130						19
20	200.3	184.4	183.9	184.8	183.6	160.6	128.7						20
22	181.9	171.1	171.9	171.5	172.3	158.1	126.1	94.6					22
24	166.5	159.3	161	161.1	160.8	155	123.5	91.3	74.7				24
26	153.3	148.2	149.9	150.5	149.7	148.8	120.9	88	73.3				26
28	141.9	138.4	140.1	140.7	140.1	139	118.4	84.7	71.4	59.3			28
30	131.9	129.6	131.4	131.8	131.1	130.2	115.9	81.6	69.4	58.2			30
32	123.2	120.5	122.5	123.2	122.4	121.2	113.5	78.9	67.5	56.9	48.8		32
34	115.4	112.1	114.1	114.8	114.2	113.1	110.9	76.4	65.5	55.7	47.9		34
36	106.1	104.8	106.7	107.3	106.7	107.9	106.9	73.9	63.6	54.4	47	37.7	36
38			100.1	100.7	100	101.6	100.5	71.4	61.8	53.2	46.1	37.3	38
40			93.9	94.6	94.5	95.6	94.4	69.1	60.1	51.9	45.2	36.7	40
45			80.3	80.9	82.8	81.9	80.7	63.9	55.6	48.6	43	35.4	45
50			70.7	70.2	72.1	71.3	70.1	58.9	52	45.3	41	34.2	50
55				63.5	63.5	62.7	61.4	54.7	48.5	42.6	39.2	32.9	55
60				56.4	56.4	55.6	54.3	50.7	45.3	40	37.3	31.5	60
65				50.4	50.3	49.4	48.1	47.5	42.5	37.6	35.3	30.3	65
70					45.1	44.3	43	43.8	39.7	35.5	33.4	29	70
75					40.8	40.6	39.1	39.4	37.3	33.4	31.6	27.8	75
80					37.1	37.1	36.7	35.6	34.4	31.5	29.9	26.6	80
85						33.9	34.1	32.3	32.2	29.7	28.3	25.4	85
90						31	31.2	29.4	29.5	28.1	26.8	24.3	90
95						28.7	28.7	27.2	27	25.9	25.4	23.2	95
100							26.4	25.7	24.7	24.1	23.8	22.1	100
105							24.4	24.3	22.6	22.8	21.7	21	105
110							20.7	22.5	20.8	21	20.6	20	110
115								20.8	19.3	19.3	19.5	18.9	115
120								19.8	18.3	17.7	18.2	17.3	120
125								14.2	17.6	16.3	16.8	15.9	125
130									17	15.1	15.5	14.6	130
135									15.9	14.4	14.3	13.4	135
140										13.8	13.2	12.4	140
145										13	12.3	11.5	145
150										12.1	11.5	10.7	150
155											10.8	10	155
160											10.1	9.3	160
165											9.5	8.6	165
170												8.1	170
175												7.5	175
180												7	180
185													185
190													190
195													195

* ± 0° over rear · en arrière

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Lifting capacities Forces de levage

T

43 – 203 ft T 360° 17.4 ft 88200 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.6	166.6								15
16	189.6	189.6	189.6	189.6	165.4								16
17	189.6	189.6	189.6	189.6	164.2								17
18	189.6	189.6	189.6	189.6	163	131.3							18
19	188.9	189.3	189	188.3	161.8	130							19
20	185.9	184.6	186.4	185.3	160.6	128.7							20
22	171.4	172.3	171.9	172.3	158.1	126.1	94.6						22
24	158.8	160.5	160.7	160.3	154.7	123.5	91.3	74.7					24
26	146.3	148.4	148.8	148.3	145.4	120.9	88	73.3					26
28	134.2	136.4	137.1	136.5	134.6	118.4	84.7	71.4	59.3				28
30	123.8	126	126.6	125.7	124.4	115.9	81.6	69.4	58.2				30
32	114	116.2	117	116.2	115.8	112.5	78.9	67.5	56.9	48.8			32
34	105	107.3	108	107.5	108.7	105.6	76.4	65.5	55.7	47.9			34
36	97.2	99.4	100.1	101.5	101.3	98.8	73.9	63.6	54.4	47	37.7		36
38		92.4	93.1	95	94.4	92.7	71.4	61.8	53.2	46.1	37.3	30.3	38
40		86.3	87	88.9	88.2	86.8	69.1	60.1	51.9	45.2	36.7	30	40
45		74.1	75.5	75.7	74.8	73.5	63.9	55.6	48.6	43	35.4	29	45
50		63.5	64.9	65	64.2	62.9	58.9	52	45.3	41	34.2	28	50
55			56.5	56.6	55.8	54.4	54.1	48.5	42.6	39.2	32.9	26.9	55
60			49.8	49.8	49	47.9	48.6	45.3	40	37.3	31.5	25.8	60
65			44.3	44.2	44.5	44.1	43	41.6	37.6	35.3	30.3	24.8	65
70				39.5	39.8	40.1	38.2	38.4	35.5	33.4	29	23.8	70
75				36.3	35.8	36.1	34.5	34.4	33	31.6	27.8	22.7	75
80				33	33.1	32.6	31.7	31	30	29.8	26.6	21.7	80
85					30.4	29.6	29.7	28	27.9	27.1	25.4	20.7	85
90					27.8	27	27	25.3	25.6	25	24.3	19.6	90
95					25.6	24.7	24.7	23.8	23.2	23.6	22.7	18.6	95
100						22.9	22.9	22	21.1	21.5	20.8	17.7	100
105						21.1	21.2	20.9	19.5	19.7	18.9	16.7	105
110						19.7	19.6	19.5	18.5	18	17.2	15.9	110
115							18.1	18	17.2	16.5	15.6	15	115
120							16.7	16.6	15.8	15.1	14.2	14.1	120
125							14.2	15.4	14.5	13.8	13	13	125
130								14.2	13.4	12.6	11.9	11.9	130
135								13.2	12.3	11.7	11	11	135
140									11.5	10.9	10.1	10.2	140
145									10.8	10.1	9.4	9.4	145
150									10.1	9.4	8.6	8.6	150
155										8.7	8	8	155
160										8.2	7.3	7.3	160
165										7.6	6.7	6.7	165
170											6.1	6.1	170
175											5.4	5.4	175
180											4.8	4.8	180
185												4.2	185
190												3.7	190

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Lifting capacities Forces de levage

T

43 – 203 ft T 360° 15.7 ft 88200 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.6	166.6								15
16	189.6	189.6	189.6	189.6	165.4								16
17	189.6	189.6	189.6	189.6	164.2								17
18	189.6	189.6	189.6	189.6	163	131.3							18
19	187.4	189.2	187.6	187	161.8	130							19
20	181.6	182	182.1	180.9	160.6	128.7							20
22	167.2	168.1	168.7	168.8	158.1	126.1	94.6						22
24	154.8	156.6	157.1	156.4	152.7	123.5	91.3	74.7					24
26	141.7	143.8	144.5	143.7	140.8	120.9	88	73.3					26
28	129.9	132.1	132.8	132.2	130	118.4	84.7	71.4	59.3				28
30	119.7	121.8	122.4	121.7	119.8	115.3	81.6	69.4	58.2				30
32	109.7	112	112.8	112.1	113.5	109.2	78.9	67.5	56.9	48.8			32
34	101	103.3	104	105.1	105.5	101.8	76.4	65.5	55.7	47.9			34
36	93.5	95.7	96.4	98.4	97.6	95.2	73.9	63.6	54.4	47	37.7		36
38		88.9	89.6	91.5	90.9	89.2	71.4	61.8	53.2	46.1	37.3	30.3	38
40		83	84	85.6	84.9	83.5	69.1	60.1	51.9	45.2	36.7	30	40
45		70.9	72.4	72.6	71.6	70.3	63.9	55.6	48.6	43	35.4	29	45
50		60.7	62.1	62.2	61.5	60.1	58.4	52	45.3	41	34.2	28	50
55			54.1	54.1	53.3	52	52.9	48.5	42.6	39.2	32.9	26.9	55
60			47.6	47.6	47.8	47.4	46.4	44.6	40	37.3	31.5	25.8	60
65			42.2	42.1	42.4	42.8	40.9	40.8	37.6	35.3	30.3	24.8	65
70				38.4	37.9	38.3	36.8	36.5	35	33.4	29	23.8	70
75				34.5	34.9	34.4	33.5	32.7	31.7	31.4	27.8	22.7	75
80				31.3	31.8	31	31	29.3	29.3	28.5	26.6	21.7	80
85					28.9	28.1	28.1	26.9	26.7	26.2	25.4	20.7	85
90					26.4	25.7	25.6	24.7	24.1	24.6	23.6	19.6	90
95					24.3	23.6	23.8	23.1	21.9	22.3	21.5	18.6	95
100						21.6	21.8	21.7	20.6	20.3	19.5	17.7	100
105						20.2	20	20	19.2	18.5	17.6	16.7	105
110						19.4	18.4	18.4	17.6	16.9	16	15.9	110
115							17.2	16.9	16.1	15.4	14.5	14.5	115
120							15.9	15.6	14.7	14	13.2	13.2	120
125							14.2	14.3	13.5	12.8	12	12.1	125
130								13.2	12.4	11.8	11.1	11.1	130
135								12.3	11.6	11	10.2	10.2	135
140									10.7	10.1	9.4	9.4	140
145									10	9.4	8.6	8.6	145
150									9.4	8.7	7.9	7.9	150
155										8.1	7.3	7.3	155
160										7.5	6.7	6.7	160
165										6.9	6	6	165
170											5.3	5.3	170
175											4.6	4.6	175
180											4	4	180
185												3.4	185

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Lifting capacities Forces de levage

T

43 – 203 ft T 360° 17.4 ft 66100 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.6	166.6								15
16	189.6	189.6	189.6	189.6	165.4								16
17	189.6	189.6	189.6	189.6	164.2								17
18	189.6	189.6	189.6	189.6	163	131.3							18
19	187.2	189.2	187.5	186.9	161.8	130							19
20	181.3	181.8	181.7	180.6	160.6	128.7							20
22	165.7	166.4	167.8	167.7	158.1	126.1	94.6						22
24	150	152.2	153	152.1	146.6	123.5	91.3	74.7					24
26	136.3	138.7	139.3	138.5	133.4	120.9	88	73.3					26
28	123.2	125.8	126.7	126	123	117.3	84.7	71.4	59.3				28
30	112.1	114.6	115.4	115.4	115.5	108.2	81.6	69.4	58.2				30
32	102.6	105	105.8	107.4	106.2	99.7	78.9	67.5	56.9	48.8			32
34	93.9	96.4	97.2	99.4	98.3	92.2	76.4	65.5	55.7	47.9			34
36	86	88.5	90.7	91.5	90.7	85.6	73.9	63.6	54.4	47	37.7		36
38		82.7	84.4	84.4	83.7	79.9	71.4	61.8	53.2	46.1	37.3	30.3	38
40		76.6	78.3	78.4	77.6	74.8	69.1	60.1	51.9	45.2	36.7	30	40
45		64.2	65.8	65.9	65	63.7	61.7	55.6	48.6	43	35.4	29	45
50		54.8	56.3	56.4	55.6	55.6	54.6	50.7	45.3	41	34.2	28	50
55			48.8	48.8	49.2	49.4	47.6	45.9	42.4	39.2	32.9	26.9	55
60			42.8	43.6	43.1	43.5	42	41.1	38.6	36.8	31.5	25.8	60
65			37.9	38.5	39.2	38.5	37.8	36.5	35	33.6	30.3	24.8	65
70				34.4	35	34.3	34.3	32.5	32.1	30.7	28.9	23.8	70
75				30.8	31.4	30.7	30.7	29.8	28.9	28.8	27	22.7	75
80				28.7	28.3	27.9	27.8	27	26.1	26	24.3	21.7	80
85					25.7	25.2	25.4	25.3	24.3	23.5	21.9	20.7	85
90					23.3	23.2	23	23	22.2	21.4	19.8	19.2	90
95					21.3	21.6	21.1	20.8	20	19.2	18	17.6	95
100						19.7	19.1	18.9	18	17.3	16.3	15.9	100
105						18	17.4	17.2	16.3	15.6	14.7	14.4	105
110						16.6	15.9	15.6	14.8	14	13.2	13	110
115							14.5	14.2	13.4	12.6	11.9	11.8	115
120							13.3	12.9	12.2	11.5	10.8	10.7	120
125							12.3	11.9	11.2	10.6	9.8	9.6	125
130								11	10.3	9.7	8.9	8.6	130
135								10.3	9.5	8.9	8	7.7	135
140									8.7	8.1	7.1	6.9	140
145									8.1	7.4	6.3	6.1	145
150									7.5	6.6	5.5	5.4	150
155										5.8	4.7	4.7	155
160										5.2	4	4	160
165										4.6	3.3	3.3	165

t_253_001_50142_00_000

Lifting capacities Forces de levage

T

43 – 203 ft    15.7 ft  66100 lbs  85% Preliminary Préliminaire														 ft	
	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	 ft		
10	189.6	189.6	189.6										10		
11	189.6	189.6	189.6	189.6									11		
12	189.6	189.6	189.6	189.6									12		
13	189.6	189.6	189.6	189.6									13		
14	189.6	189.6	189.6	189.6									14		
15	189.6	189.6	189.6	189.6	166.6								15		
16	189.6	189.6	189.6	189.6	165.4								16		
17	189.6	189.6	189.6	189.6	164.2								17		
18	189.4	188.3	189.5	189	163	131.3							18		
19	185.8	186.4	186.2	185.2	161.8	130							19		
20	177.9	178.8	178.3	177.2	160.6	128.7							20		
22	161.6	163.1	164.1	163.8	156.2	126.1	94.6						22		
24	146.2	148.4	149.2	148.3	142.3	123.5	91.3	74.7					24		
26	132.4	134.8	135.4	134.8	129	120.4	88	73.3					26		
28	119.5	122	122.9	122.3	121	113.7	84.7	71.4	59.3				28		
30	108.6	111.2	112	113.8	111.3	104.1	81.6	69.4	58.2				30		
32	99.4	101.8	102.5	104.7	102.3	95.9	78.9	67.5	56.9	48.8			32		
34	90.5	93.1	95.2	96.2	94.8	88.7	76.4	65.5	55.7	47.9			34		
36	82.9	86	88.3	88.4	87.6	82.3	73.9	63.6	54.4	47	37.7		36		
38		79.8	81.5	81.5	80.8	76.8	71.4	61.8	53.2	46.1	37.3	30.3	38		
40		73.9	75.5	75.7	74.9	71.8	67.3	60.1	51.9	45.2	36.7	30	40		
45		61.9	63.4	63.5	62.6	61.1	60	55.6	48.6	43	35.4	29	45		
50		52.8	54.2	54.3	54.2	54.5	52.2	49.4	45.3	41	34.2	28	50		
55			47	47.2	47.4	47.7	45.7	44.4	41.4	39.2	32.9	26.9	55		
60			41.1	41.9	42.5	41.8	40.9	39.2	37.3	36	31.5	25.8	60		
65			36.4	37	37.7	36.9	36.9	34.8	34.2	32.4	30.3	24.8	65		
70				33	33.6	32.8	32.9	32	30.5	30.3	28.5	23.8	70		
75				30.4	30.1	29.6	29.4	28.6	27.4	27.3	25.5	22.7	75		
80				27.5	27.1	26.6	26.9	26.7	25.7	24.6	22.9	21.7	80		
85					24.5	24.4	24.3	24.3	23.5	22.2	20.6	20.1	85		
90					22.2	22.7	22.1	21.9	21	20.1	18.6	18.2	90		
95					20.2	20.6	20	19.8	18.9	18.1	16.8	16.4	95		
100						18.7	18.2	17.9	17	16.3	15.1	14.8	100		
105						17.1	16.5	16.2	15.4	14.6	13.7	13.3	105		
110						15.7	15	14.7	13.9	13.1	12.3	12	110		
115							13.7	13.3	12.5	11.9	11.1	10.8	115		
120							12.5	12.2	11.5	10.9	10	9.7	120		
125							11.7	11.3	10.5	9.9	9	8.7	125		
130								10.4	9.7	9	8	7.8	130		
135								9.6	8.9	8.2	7.1	6.9	135		
140									8.2	7.5	6.3	6.1	140		
145									7.5	6.6	5.5	5.4	145		
150									6.8	5.9	4.7	4.7	150		
155										5.2	4	4	155		
160										4.5	3.3	3.3	160		
165										3.9			165		

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Lifting capacities Forces de levage

T

43 – 203 ft T 360° 17.4 ft 44100 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.6	166.6								15
16	189.6	189.6	189.6	189.6	165.4								16
17	189.6	189.6	189.6	189.6	164.2								17
18	188.4	187	188.7	185.7	163	131.3							18
19	182.8	183.6	183.5	178.2	160.5	130							19
20	172.3	173.6	173	171.9	155	128.7							20
22	153.9	156.3	157.1	150.4	137.9	125.6	94.6						22
24	136.4	139.1	140	132.8	127.7	118.2	91.3	74.7					24
26	122	124.5	125.5	123	114.9	106.6	88	73.3					26
28	109	111.9	112.7	111.4	104.1	96.8	84.7	71.4	59.3				28
30	97.6	100.5	103.5	101.1	95	88.5	80.8	69.4	58.2				30
32	88.1	91.7	93.9	92.8	87.1	81.1	75.6	67.5	56.9	48.8			32
34	80	83.8	85.6	85.4	80.3	74.5	71.3	65.5	55.7	47.9			34
36	73.1	76.8	78.5	78.6	73.9	69.9	67	62.6	54.4	47	37.7		36
38		70.6	72.3	72.4	68.4	66.9	62.2	58.2	53.2	46.1	37.3	30.3	38
40		65.1	66.8	67	63.6	62.5	58.2	55.8	51.4	45.2	36.7	30	40
45		52.9	54.6	54.8	55	53.5	50.4	47.4	44.8	42.5	35.4	29	45
50		43.9	45.5	46.4	47.3	46.1	44.6	41.9	39.8	37.7	34.2	28	50
55			38.8	40.4	40.3	39.7	38.9	36.6	35.1	34.2	31.9	26.9	55
60			33.5	34.9	34.8	34.4	34.6	33.7	32	30.1	28.1	25.8	60
65			29.2	30.5	30.3	30.9	30.3	30.2	28.3	26.6	24.7	24.1	65
70				26.9	26.7	27.4	26.9	26.6	25.2	23.5	21.8	21.3	70
75				24	24.1	24.3	23.8	23.6	22.5	20.9	19.2	18.8	75
80				21.5	21.6	21.8	21.3	21	20.1	18.6	17	16.6	80
85					19.4	19.5	19	18.8	18	16.6	15.1	14.7	85
90					17.5	17.6	17.1	16.9	16	14.8	13.3	13	90
95					15.9	15.9	15.4	15.1	14.2	13.2	11.8	11.5	95
100						14.4	13.8	13.5	12.6	11.7	10.4	10.1	100
105						13	12.4	12.1	11.2	10.3	9.1	8.9	105
110						11.9	11.2	10.8	9.9	9.1	8	7.8	110
115							10	9.7	8.8	8	6.9	6.7	115
120							9.1	8.7	7.8	7	6	5.8	120
125							8.3	7.8	6.8	6	5.1	4.9	125
130								6.9	6	5.2	4.2	4.1	130
135								6.2	5.2	4.4	3.4	3.3	135
140									4.5	3.7			140
145									3.9				145
150									3.3				150

t_253_001_00144_00_000

Lifting capacities Forces de levage

T

43 – 203 ft 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.6	166.6								15
16	189.6	189.6	189.6	189.6	165.4								16
17	189.6	189.6	189.6	189.6	164.2								17
18	186.7	185.4	187	183.7	163	131.3							18
19	179.6	180.4	180.2	174.5	159.7	130							19
20	169.2	170.5	170	167	151.6	128.7							20
22	150.6	153.1	153.9	146	134.8	125.2	94.6						22
24	133.4	136	137	129.6	124	114.7	91.3	74.7					24
26	119.3	121.7	122.8	119.4	111.5	103.4	88	73.3					26
28	106.1	109	110.3	108.2	101	93.9	84.7	71.4	59.3				28
30	94.9	97.8	101	98.1	92.1	85.7	79.9	69.4	58.2				30
32	85.7	89.6	91.5	90.1	84.4	78.5	73.4	67.5	56.9	48.8			32
34	77.8	81.5	83.4	82.8	77.8	72	70.1	64.4	55.7	47.9			34
36	71	74.7	76.4	76.2	71.5	69.1	64.7	60.4	54.4	47	37.7		36
38		68.7	70.4	70.3	66.1	65.3	60.3	58	52.9	46.1	37.3	30.3	38
40		63.2	65	65	62.6	61	57.1	54	50.5	45.2	36.7	30	40
45		51.1	52.8	53.6	54.2	51.7	49.3	46.3	44.4	41.4	35.4	29	45
50		42.3	44	44.9	45.8	44.5	43.1	40.6	38.3	37.2	34.1	28	50
55			37.5	39.1	38.9	38.5	37.6	36.4	34.5	32.8	30.8	26.9	55
60			32.3	33.8	33.6	33.2	33.5	32.7	30.7	28.9	26.8	25.8	60
65			28.1	29.5	29.3	29.9	29.5	29	27.2	25.4	23.6	23	65
70				26	26.1	26.4	25.9	25.6	24.1	22.4	20.7	20.3	70
75				23.1	23.2	23.4	22.9	22.7	21.5	19.9	18.2	17.8	75
80				20.7	20.7	20.9	20.4	20.2	19.2	17.7	16.1	15.7	80
85					18.6	18.8	18.3	18	17.1	15.7	14.2	13.8	85
90					16.8	16.9	16.4	16.1	15.2	14	12.5	12.2	90
95					15.1	15.2	14.7	14.3	13.4	12.4	11	10.7	95
100						13.7	13.1	12.8	11.9	11.1	9.7	9.4	100
105						12.4	11.8	11.4	10.5	9.7	8.4	8.2	105
110						11.3	10.6	10.2	9.3	8.5	7.3	7.1	110
115							9.5	9.1	8.2	7.4	6.3	6.1	115
120							8.5	8.1	7.2	6.4	5.4	5.2	120
125							7.7	7.2	6.3	5.5	4.5	4.3	125
130								6.4	5.5	4.7	3.7	3.5	130
135								5.7	4.7	3.9			135
140									4.1				140
145									3.4				145

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Lifting capacities Forces de levage

T

43 – 203 ft T 360° 17.4 ft 30900 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.6	166.6								15
16	189.6	189.6	189.6	187.8	165.4								16
17	189.6	189.6	189.6	182.8	164								17
18	183.6	182.8	184.2	171	155.3	131.3							18
19	174	174.9	173.1	161.4	146.2	130							19
20	163.4	164.1	163.7	149.3	137.7	127.5							20
22	142.6	145.5	141.4	132.9	124.4	114.3	94.6						22
24	125.6	128.6	124.4	119.2	110.5	101.9	91.2	74.7					24
26	110.1	113	113.2	106.5	99.2	91.4	84.3	73.3					26
28	97.4	100.9	102	96.1	89.3	82.1	77.1	71.2	59.3				28
30	87	91.2	92	86.5	80.6	76.5	71.9	66.3	58.2				30
32	78.4	82.3	83.2	78.7	73.5	72.1	66.5	62.3	56.4	48.8			32
34	69.9	74.3	75.7	71.9	68.5	66.2	61.7	58	53.9	47.9			34
36	62.3	66.7	68.8	65.9	64.3	61	57.7	53.5	50.4	46.8	37.7		36
38		60.1	62.2	61.7	60	56.6	54.3	50.9	47.7	44.5	37.3	30.3	38
40		54.6	56.5	57.3	56	52.6	50.5	47.3	44.6	41.4	36.7	30	40
45		43.8	45.8	47.6	47	44.7	42.8	41.5	39.3	37	34.4	29	45
50		36.1	38	39.6	39.5	38.5	37.6	36.2	33.8	31.7	29.5	28	50
55			32	33.5	33.4	34.1	32.7	31.4	29.4	27.3	25.4	24.7	55
60			27.3	28.8	29.1	29.4	28.7	27.5	25.6	23.8	21.9	21.3	60
65			23.6	25	25.3	25.5	25	24.2	22.4	20.7	19	18.4	65
70				21.9	22.1	22.4	21.9	21.3	19.7	18.1	16.5	16.1	70
75				19.3	19.5	19.7	19.2	18.9	17.3	15.8	14.2	13.9	75
80				17.2	17.3	17.5	17	16.7	15.3	13.9	12.4	12	80
85					15.4	15.5	15	14.7	13.5	12.1	10.7	10.4	85
90					13.6	13.8	13.2	12.9	11.9	10.6	9.2	8.9	90
95					12.2	12.3	11.7	11.3	10.4	9.2	7.8	7.6	95
100						10.9	10.3	10	9	8	6.6	6.4	100
105						9.7	9.1	8.8	7.8	6.9	5.6	5.3	105
110						8.7	8	7.7	6.8	5.9	4.5	4.4	110
115							7.1	6.7	5.8	5	3.5		115
120							6.2	5.8	4.9	4.1			120
125							5.6	5	4.1				125
130								4.3	3.4				130
135								3.7					135

t_253_001_00145_00_000

Lifting capacities Forces de levage

T

43 – 203 ft T 360° 15.7 ft 30900 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.6	166.6								15
16	189.6	189.6	189.6	187.1	165.4								16
17	189.6	189.6	189.6	180	164								17
18	182.7	182	182.7	169.3	153.8	131.3							18
19	172.2	173.2	170.1	158.7	143.7	130							19
20	161.4	162.5	161	146.8	136.3	127.3							20
22	140.8	143.8	139	132.1	122.3	112.3	94.6						22
24	123.8	126.8	123.3	117.2	108.6	100.1	90	74.7					24
26	108.4	111.3	111.7	104.7	97.4	89.6	82.6	73.3					26
28	96	100.2	100.2	94.4	87.5	80.4	76.4	71.1	59.3				28
30	85.7	89.8	90.3	84.8	79	76.2	70.5	65.9	58.2				30
32	77.1	81.1	81.6	77.2	73.2	70.6	65.8	61.5	55.9	48.8			32
34	68.5	73	74.2	70.5	67.6	64.8	60.4	56.7	52.7	47.9			34
36	61.1	65.5	67.5	64.5	63.8	59.8	57.3	52.8	50.1	46.1	37.7		36
38		59	61	60.5	59	55.4	53.1	49.8	46.9	43.5	37.3	30.3	38
40		53.5	55.5	56.1	54.8	51.6	49.4	46.3	43.6	41.4	36.7	30	40
45		42.9	45	46.8	46	43.7	42.3	41.1	38.5	36.2	33.7	29	45
50		35.3	37.2	38.9	38.7	38.3	36.9	35.4	33	30.9	28.7	27.8	50
55			31.3	32.9	32.7	33.4	32	30.7	28.7	26.6	24.7	24	55
60			26.7	28.2	28.5	28.8	28	26.8	24.9	23.1	21.2	20.7	60
65			23.1	24.5	24.7	25	24.5	23.5	21.8	20.1	18.4	17.9	65
70				21.4	21.6	21.9	21.3	20.8	19.1	17.6	15.9	15.5	70
75				18.9	19.1	19.3	18.8	18.4	16.8	15.3	13.7	13.4	75
80				16.8	16.9	17.1	16.6	16.3	14.8	13.4	11.9	11.5	80
85					14.9	15.1	14.6	14.3	13.1	11.7	10.2	9.9	85
90					13.2	13.4	12.8	12.5	11.5	10.2	8.7	8.5	90
95					11.8	11.9	11.3	11	10.1	8.8	7.4	7.2	95
100						10.5	9.9	9.6	8.7	7.6	6.2	6	100
105						9.4	8.8	8.4	7.5	6.5	5.2	4.9	105
110						8.4	7.7	7.4	6.5	5.6	4.1	3.9	110
115							6.8	6.4	5.5	4.7			115
120							5.9	5.5	4.6	3.8			120
125							5.3	4.8	3.8				125
130								4.1					130
135								3.4					135

t_253_001_00053_00_000

Lifting capacities Forces de levage

T

43 – 203 ft T 360° 17.4 ft 22000 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.6	166.6								15
16	189.6	189.6	189.6	184.1	162.2								16
17	188.6	189.6	184.9	173.2	156.5								17
18	180.5	180.3	173.2	160.6	144.8	130.4							18
19	168.6	171.2	163	148	137.2	124.7							19
20	156.5	159.7	150.2	140.3	129.4	118.6							20
22	136.5	139.2	130	123.8	114	104.4	93.1						22
24	118	121.1	116.7	109.3	100.8	91.9	84.3	74.7					24
26	103.1	106.6	103.7	96.9	89.4	81.9	77.8	71.8					26
28	91.2	95.4	92.3	86.6	79.9	77.3	71.2	67.3	59.3				28
30	80.9	85.2	82.6	77.6	73.8	70.7	65.7	61.2	56				30
32	70.7	75.5	74.5	70.4	68.8	64.5	61	56.5	52.5	48			32
34	62.2	66.8	67.7	65.4	63.4	59.1	56.5	52.8	49.5	45.7			34
36	55.3	59.7	61.6	59.9	58.2	54.9	52.1	48.7	45.7	43	37.7		36
38		53.7	55.7	56.4	53.8	50.9	48.4	45.4	43.1	41.2	36.9	30.3	38
40		48.6	50.9	52.4	49.9	47.2	45.6	43.8	41.1	38.4	35.6	30	40
45		38.8	40.8	42.6	41.7	41.1	39	37.1	34.7	32.4	30.1	28.4	45
50		31.7	33.6	35.3	35.3	35.2	33.3	31.8	29.5	27.5	25.4	24.6	50
55			28.2	29.7	30.1	30.3	28.7	27.5	25.5	23.5	21.6	21	55
60			23.9	25.4	25.7	26	25	23.9	22	20.3	18.5	17.9	60
65			20.6	22	22.2	22.4	21.9	20.8	19.1	17.5	15.8	15.3	65
70				19.1	19.4	19.6	19.1	18.2	16.6	15.1	13.5	13.1	70
75				16.8	17	17.2	16.6	16.1	14.5	13.1	11.5	11.2	75
80				14.7	14.8	15.1	14.5	14.1	12.7	11.3	9.8	9.4	80
85					13	13.2	12.6	12.3	11	9.7	8.2	8	85
90					11.4	11.6	11	10.7	9.6	8.3	6.9	6.6	90
95					10.1	10.2	9.6	9.3	8.3	7	5.7	5.4	95
100						9	8.3	8	7.1	5.9	4.5	4.3	100
105						7.9	7.3	6.9	6	4.9			105
110						7	6.3	5.9	5	3.9			110
115							5.4	5	4.1				115
120							4.6	4.2					120
125							4.1	3.5					125

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Lifting capacities Forces de levage

T

43 – 203 ft T 360° 15.7 ft 22000 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	189.6									13
14	189.6	189.6	189.6	189.6									14
15	189.6	189.6	189.6	189.1	166.6								15
16	189.6	189.6	189.6	182.6	160.9								16
17	187.3	189.6	182.8	170.4	153.7								17
18	178.6	179.2	170.1	157.8	142.1	130.2							18
19	166.6	169.1	160.1	145.3	136.8	123.3							19
20	154.5	157.7	147.5	139	127.7	116.4							20
22	134.6	136.9	129.8	121.6	111.9	102.4	91.7						22
24	116.2	119.2	115	107.3	98.8	90	82.9	74.2					24
26	101.5	105.7	101.7	94.9	87.5	81.7	76.9	70.6					26
28	89.7	93.9	90.4	84.8	78.6	76.4	70.5	65.8	59.3				28
30	79.4	83.8	80.8	75.9	73.1	69.2	64.2	59.8	55.1				30
32	69.2	74	72.9	69	67.5	63.1	60.2	55.7	52	47.6			32
34	60.8	65.4	66.2	64	62	58.3	55.3	51.6	48.3	44.6			34
36	54	58.4	60.2	59.1	56.9	53.7	50.9	47.6	44.6	42.5	37.7		36
38		52.5	54.5	55.2	52.6	49.7	47.9	45.3	42.5	40.4	36.6	30.3	38
40		47.6	49.8	51.2	48.7	46.1	44.9	42.8	40.1	37.5	34.7	30	40
45		37.9	40	41.7	40.7	40.1	38.1	36.2	33.8	31.5	29.2	28	45
50		31	32.8	34.5	34.8	34.3	32.4	31	28.8	26.8	24.6	23.9	50
55			27.5	29.1	29.4	29.6	27.9	26.7	24.8	22.8	21	20.3	55
60			23.3	24.8	25.1	25.4	24.3	23.2	21.4	19.7	17.8	17.3	60
65			20	21.4	21.7	21.9	21.2	20.2	18.5	16.9	15.3	14.8	65
70				18.6	18.9	19.1	18.5	17.7	16.1	14.6	13	12.6	70
75				16.3	16.5	16.7	16.2	15.5	14	12.5	11	10.7	75
80				14.3	14.4	14.6	14	13.6	12.2	10.8	9.3	9	80
85					12.6	12.8	12.2	11.9	10.6	9.2	7.8	7.5	85
90					11	11.2	10.6	10.3	9.1	7.8	6.5	6.2	90
95					9.7	9.8	9.2	8.9	7.9	6.6	5.2	5	95
100						8.6	8	7.7	6.8	5.5	4	3.7	100
105						7.6	6.9	6.6	5.7	4.5			105
110						6.7	6	5.6	4.7	3.4			110
115							5.1	4.8	3.8				115
120							4.4	4					120
125							3.8						125

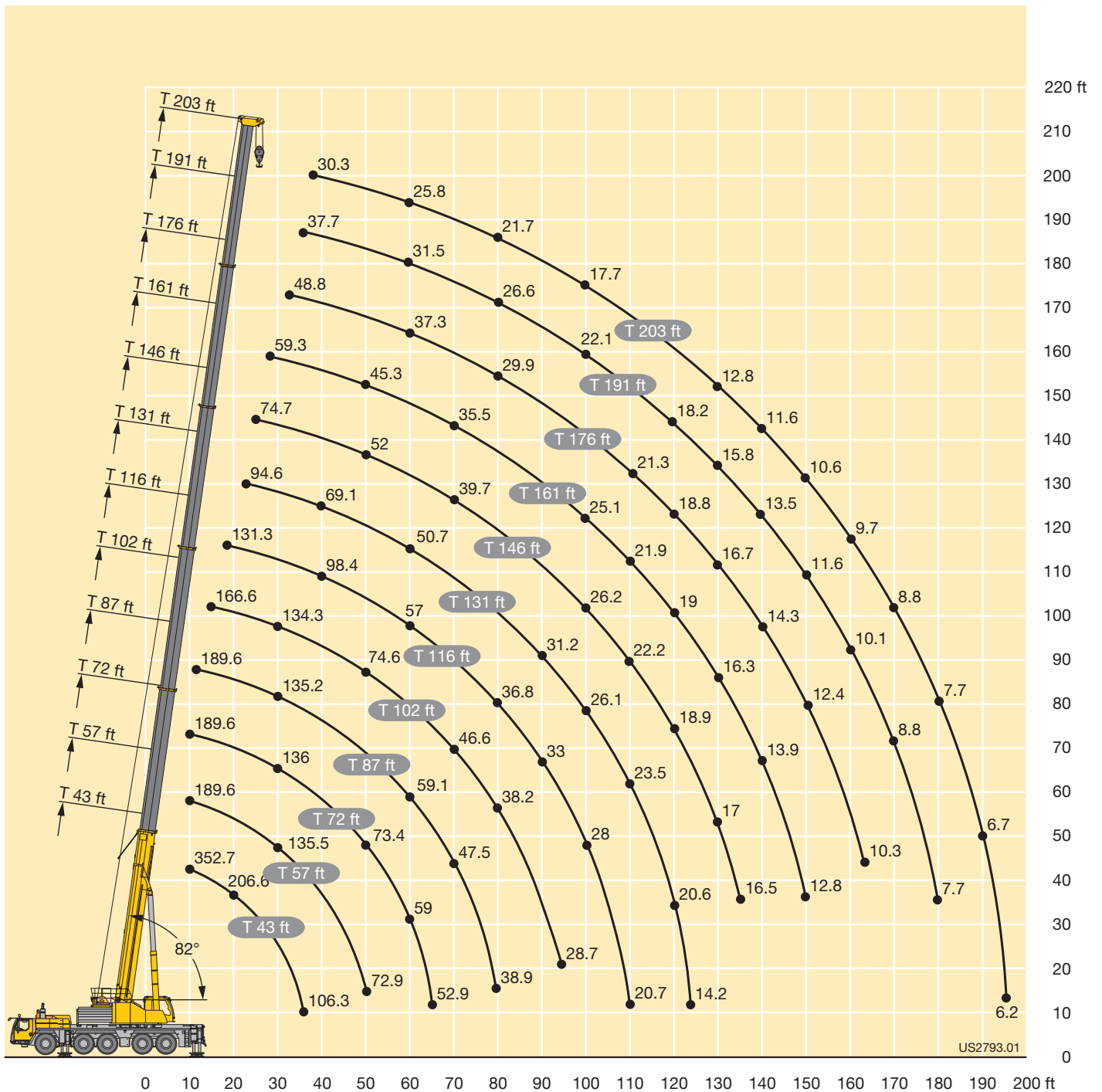
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Lifting capacities Forces de levage

T

43 – 203 ft T 360° 0 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
10	189.6	189.6	189.6										10
11	189.6	189.6	189.6	189.6									11
12	189.6	189.6	189.6	189.6									12
13	189.6	189.6	189.6	185									13
14	189.6	189.6	187.4	175.2									14
15	189.5	189.6	176.2	160.4	143.9								15
16	188.9	178.2	161	144.1	133.9								16
17	173.7	162.1	146.7	135.4	121.6								17
18	159.2	147.7	135.6	124.2	111	97.6							18
19	145.2	133.1	125.1	113.3	101.1	91.1							19
20	131.2	121.1	113.9	103.3	93.1	88.3							20
22	107.2	102.5	95.6	87.9	83.5	76.4	70.2						22
24	89.3	86.6	82.3	78.3	73.1	67.7	63	56					24
26	75.8	74.5	71.6	69.4	64.6	60	56.9	53					26
28	64	65.1	63.5	61.8	57.6	55.4	51.6	48.3	44.4				28
30	54.2	57.4	56.4	55.1	52.3	50	46.7	43.8	40.4				30
32	46.6	51	50.5	49.8	47.5	45.3	42.4	39.9	36.8	33.8			32
34	40.5	45.1	45.4	45.2	43.4	41.4	38.6	36.5	33.5	30.7			34
36	35.5	39.9	41.2	41.1	39.5	37.9	35.4	33.4	30.7	28.2	25.6		36
38		35.5	37.5	37.6	36.3	34.9	32.5	30.7	28.2	25.8	23.4	22.5	38
40		31.9	34.1	34.6	33.4	32.2	30	28.3	26	23.7	21.4	20.6	40
45		24.7	26.7	28.3	27.4	26.5	24.8	23.3	21.2	19.3	17.3	16.6	45
50		19.5	21.5	23.1	22.9	22.2	20.6	19.5	17.5	15.7	13.8	13.3	50
55			17.4	19	19.2	18.7	17.2	16.3	14.5	12.8	11.1	10.7	55
60			14.1	15.9	16.2	15.8	14.5	13.6	12	10.5	8.8	8.4	60
65			11.5	13.1	13.5	13.4	12.2	11.4	9.9	8.4	6.8	6.4	65
70				10.9	11.2	11.4	10.3	9.5	8	6.6	4.7	4.4	70
75				9.1	9.3	9.6	8.6	7.9	6.5	4.8			75
80				7.6	7.7	8	7.2	6.5	4.9				80
85					6.4	6.6	6	5.2					85
90					5.2	5.4	4.7	3.8					90
95					4.3	4.3	3.3						95

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Lifting capacities Forces de levage

TNZK

43–203 ft T 35 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft			57 ft			72 ft			87 ft			102 ft			116 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	40.3	34.7		40.3			40.3			40.3			40.3						17
18	40	33.8		40.3			40.3			40.3			40.3			40.3			18
19	39.3	33		40.3	34.9		40.3			40.3			40.3			40.3			19
20	38.4	32.2		40.3	34.2		40.3			40.3			40.3			40.3			20
22	36.7	30.7		40.1	32.8		40.3	34.5		40.3			40.3			40.3			22
24	35	29.3		39	31.5		40.3	33.3		40.3	34.7		40.3			40.3			24
26	33.4	28.1	24	37.6	30.3		40.2	32.1		40.3	33.7		40.3			40.3			26
28	31.8	27	23.3	36.1	29.2	23.9	39.5	31.1		40.3	32.6		40.3	33.2		40.3			28
30	30.3	25.9	22.5	34.7	28.2	23.3	38.2	30.1	23.8	40.3	31.6		40.3	32.3		39.9	31.2		30
32	29	25	21.9	33.3	27.2	22.7	37	29.1	23.2	39.8	30.7	23.5	40.3	31.5		39.4	30.5		32
34	27.8	24.1	21.3	32.1	26.3	22.1	35.7	28.2	22.7	38.7	29.9	23.1	40.3	30.6		38.7	29.8		34
36	26.6	23.2	20.7	30.8	25.5	21.6	34.5	27.4	22.2	37.6	29	22.6	39.8	29.9	22.8	38.1	29.1		36
38	25.5	22.5	20.1	29.5	24.7	21.1	33.3	26.6	21.7	36.5	28.3	22.2	39	29.1	22.4	37.4	28.5	22	38
40	24.6	21.7	19.6	28.5	24	20.6	32.2	25.9	21.3	35.4	27.6	21.8	38.1	28.4	22	36.7	27.9	21.7	40
45	21.9	20.1	18.5	26.1	22.3	19.6	29.5	24.2	20.3	32.9	25.8	20.8	35.7	26.8	21.1	35	26.4	20.9	45
50	19	18.8	17.6	24	20.9	18.7	27.3	22.8	19.4	30.4	24.4	20	33.3	25.4	20.3	33.1	25.2	20.2	50
55	16.7	17.7	16.9	21.5	19.7	17.9	25.4	21.5	18.7	28.3	23.1	19.3	31.1	24.1	19.7	31.5	24	19.5	55
60	14.8	16.8	16.5	19	18.6	17.3	23.2	20.3	18	26.5	21.9	18.6	29.1	22.9	19	30	23	19	60
65	13.2	15.9	16.3	17.1	17.7	16.7	21	19.3	17.4	24.7	20.9	18	27.4	21.9	18.4	28.5	22	18.4	65
70	12	15.3		15.4	16.9	16.4	19	18.5	16.9	22.4	20	17.5	25.5	21	17.9	26.7	21.1	18	70
75				14	16.3	16.2	17.3	17.7	16.5	20.5	19.1	17	23.5	20.1	17.4	24.8	20.4	17.5	75
80				12.8	15.6		15.8	17.1	16.2	18.8	18.4	16.7	21.6	19.4	17	23.1	19.7	17.1	80
85				11.8			14.6	16.5	16.1	17.3	17.7	16.3	20	18.7	16.7	21.6	19	16.8	85
90							13.4	15.9		16	17.2	16.1	18.5	18.1	16.4	20.1	18.4	16.5	90
95							12.4	15.4		14.9	16.7	16	17.2	17.5	16.1	18.8	17.9	16.2	95
100							11.7			13.9	16.2		16.1	17	16	17.7	17.4	16	100
105										13	15.7		15.1	16.6	15.9	16.6	16.9	15.8	105
110										12.2	15.3		14.2	16.1		15.7	16.6	15.7	110
115										11.6			13.4	15.7		14.9	16.2	15.6	115
120													12.6	15.4		14.1	15.8	15.6	120
125													12.1	15.1		13.4	15.4		125
130													11.5			12.8	15.2		130
135																12.2	15		135
140																11.8	14.3		140
145																11.4			145

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Lifting capacities Forces de levage

TNZK

43–203 ft T 35 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft			146 ft			161 ft			176 ft			191 ft			203 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	39.2																		22
24	38.8																		24
26	38.3			33															26
28	37.9			32.7															28
30	37.5			32.4			28.4												30
32	37.1			32.1			28.2			24.2									32
34	36.6	29.3		31.8			27.9			24.1									34
36	36.1	28.7		31.5			27.7			24			20.1						36
38	35.4	28.2		31.2	26.5		27.5			23.9			20.1			15.9			38
40	34.8	27.6		30.8	26.1		27.3			23.7			20			15.9			40
45	33.3	26.3	20.8	29.8	25		26.7	23.7		23.4			19.9			15.8			45
50	31.9	25.1	20.2	28.8	24	20	26	22.9	19.7	23.1	21.5		19.7	18.7		15.8			50
55	30.6	24.1	19.5	27.8	23.1	19.5	25.4	22.2	19.2	22.7	20.9	18.3	19.5	18.4		15.7	15.8		55
60	29.3	23.1	19	26.9	22.3	19	24.7	21.5	18.7	22.2	20.3	18	19.3	18.2	16.8	15.7	15.3		60
65	28	22.2	18.5	26.1	21.5	18.6	24	20.8	18.3	21.7	19.8	17.6	19	17.8	16.5	15.2	14.8	14.6	65
70	26.9	21.4	18	25.2	20.8	18.1	23.4	20.2	17.9	21.3	19.3	17.2	18.7	17.4	16.2	14.8	14.3	14.2	70
75	25.7	20.6	17.6	24.4	20.2	17.7	22.8	19.6	17.5	20.9	18.8	16.9	18.3	16.9	16	14.3	13.9	13.7	75
80	24.4	19.9	17.2	23.6	19.5	17.4	22.2	19.1	17.2	20.4	18.4	16.6	17.8	16.4	15.7	13.9	13.4	13.3	80
85	23	19.3	16.9	22.7	19	17.1	21.6	18.6	16.9	20	17.9	16.4	17.3	15.9	15.5	13.5	13	12.9	85
90	21.6	18.7	16.6	21.7	18.5	16.8	21	18.1	16.6	19.6	17.5	16.1	16.8	15.4	15.2	13.1	12.6	12.5	90
95	20.4	18.2	16.3	20.7	18	16.5	20.4	17.7	16.4	19.1	17.2	15.9	16.2	14.9	14.8	12.7	12.2	12.1	95
100	19.2	17.7	16.1	19.7	17.6	16.3	19.7	17.3	16.1	18.6	16.8	15.7	15.7	14.5	14.3	12.3	11.9	11.8	100
105	18.1	17.3	15.9	18.7	17.2	16.1	18.9	16.9	16	18.1	16.5	15.5	15.2	14.1	13.9	11.9	11.5	11.5	105
110	17.2	16.9	15.7	17.8	16.8	15.9	18.2	16.6	15.8	17.3	16.2	15.4	14.7	13.7	13.5	11.5	11.2	11.2	110
115	16.3	16.5	15.6	17	16.5	15.8	17.5	16.3	15.6	16.5	15.9	15.3	14.2	13.3	13.2	11.2	10.9	10.9	115
120	15.5	16.2	15.5	16.2	16.1	15.7	16.7	16	15.5	15.8	15.5	15.1	13.8	12.9	12.8	10.9	10.7	10.6	120
125	14.7	15.9	15.4	15.5	15.9	15.6	16	15.7	15.4	15	15	15	13.3	12.5	12.5	10.5	10.4	10.4	125
130	14.1	15.4	15.4	14.8	15.6	15.4	15	15.4	15.3	14.3	14.5	14.6	12.9	12.2	12.1	10	10.1	10.1	130
135	13.4	15		14.1	15.1	15.1	14.1	14.5	14.9	13.6	13.9	14.1	12.4	11.9	11.9	9.6	9.8	9.9	135
140	12.7	14.5		13.6	14.4	14.7	13.4	13.5	13.9	12.6	13.1	13.4	11.9	11.5	11.6	9.2	9.4	9.6	140
145	12.3	13.9		12.8	13.3		12.7	13	13	11.7	12.3	12.7	11.3	11.2	11.3	8.8	9	9.2	145
150	11.9	13		12	12.3		11.8	12.2	12.5	11	11.4	11.8	10.9	10.9	11.1	8.4	8.6	8.8	150
155	11.5			11.2	11.5		11	11.4	11.7	10.6	10.7	11	10.2	10.6	10.8	8	8.2	8.4	155
160	8.6			10.6	10.8		10.3	10.7		10.3	10.4	10.4	9.6	10.1	10.4	7.6	7.9	8	160
165				10.3	10.3		9.7	9.9		9.8	10	10.1	8.9	9.5	9.7	7.3	7.5	7.7	165
170				9.8			9.1	9.3		9.1	9.5		8.3	8.8	9	6.9	7.1	7.3	170
175				4.8			8.6	8.7		8.6	8.9		7.7	8.2	8.4	6.6	6.8	6.9	175
180							8.3	8.4		8	8.3		7.1	7.6		6.3	6.5	6.6	180
185							8.1			7.5	7.7		6.6	7		6	6.2	6.3	185
190										7	7.2		6.1	6.5		5.7	5.9		190
195										6.6	6.7		5.7	6		5.4	5.6		195
200										6.2			5.2	5.5		4.6	5.3		200
205													4.8	5.1		3.5	4.4		205
210													4.5	4.7		2.2	3.1		210
215													3.5						215

t_253_003_50265_00_000

Lifting capacities Forces de levage

TNZK

43–203 ft T 35 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft			57 ft			72 ft			87 ft			102 ft			116 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	40.3	34.7		40.3			40.3			40.3			40.3						17
18	40	33.8		40.3			40.3			40.3			40.3			40.3			18
19	39.3	33		40.3	34.9		40.3			40.3			40.3			40.3			19
20	38.4	32.2		40.3	34.2		40.3			40.3			40.3			40.3			20
22	36.7	30.7		40.1	32.8		40.3	34.5		40.3			40.3			40.3			22
24	35	29.3		39	31.5		40.3	33.3		40.3	34.7		40.3			40.3			24
26	33.4	28.1	24	37.6	30.3		40.2	32.1		40.3	33.7		40.3			40.3			26
28	31.8	27	23.3	36.1	29.2	23.9	39.5	31.1		40.3	32.6		40.3	33.2		40.3			28
30	30.3	25.9	22.5	34.7	28.2	23.3	38.2	30.1	23.8	40.3	31.6		40.3	32.3		39.9	31.2		30
32	29	25	21.9	33.3	27.2	22.7	37	29.1	23.2	39.8	30.7	23.5	40.3	31.5		39.4	30.5		32
34	27.8	24.1	21.3	32.1	26.3	22.1	35.7	28.2	22.7	38.7	29.9	23.1	40.3	30.6		38.7	29.8		34
36	26.6	23.2	20.7	30.8	25.5	21.6	34.5	27.4	22.2	37.6	29	22.6	39.8	29.9	22.8	38.1	29.1		36
38	25.5	22.5	20.1	29.5	24.7	21.1	33.3	26.6	21.7	36.5	28.3	22.2	39	29.1	22.4	37.4	28.5	22	38
40	24.6	21.7	19.6	28.5	24	20.6	32.2	25.9	21.3	35.4	27.6	21.8	38.1	28.4	22	36.7	27.9	21.7	40
45	21.9	20.1	18.5	26.1	22.3	19.6	29.5	24.2	20.3	32.9	25.8	20.8	35.7	26.8	21.1	35	26.4	20.9	45
50	19	18.8	17.6	24	20.9	18.7	27.3	22.8	19.4	30.4	24.4	20	33.3	25.4	20.3	33.1	25.2	20.2	50
55	16.7	17.7	16.9	21.5	19.7	17.9	25.4	21.5	18.7	28.3	23.1	19.3	31.1	24.1	19.7	31.5	24	19.5	55
60	14.8	16.8	16.5	19	18.6	17.3	23.2	20.3	18	26.5	21.9	18.6	29.1	22.9	19	30	23	19	60
65	13.2	15.9	16.3	17.1	17.7	16.7	21	19.3	17.4	24.7	20.9	18	27.4	21.9	18.4	28.5	22	18.4	65
70	12	15.3		15.4	16.9	16.4	19	18.5	16.9	22.4	20	17.5	25.5	21	17.9	26.7	21.1	18	70
75				14	16.3	16.2	17.3	17.7	16.5	20.5	19.1	17	23.5	20.1	17.4	24.8	20.4	17.5	75
80				12.8	15.6		15.8	17.1	16.2	18.8	18.4	16.7	21.6	19.4	17	23.1	19.7	17.1	80
85				11.8			14.6	16.5	16.1	17.3	17.7	16.3	20	18.7	16.7	21.6	19	16.8	85
90							13.4	15.9		16	17.2	16.1	18.5	18.1	16.4	20.1	18.4	16.5	90
95							12.4	15.4		14.9	16.7	16	17.2	17.5	16.1	18.8	17.9	16.2	95
100							11.7			13.9	16.2		16.1	17	16	17.7	17.4	16	100
105										13	15.7		15.1	16.6	15.9	16.6	16.9	15.8	105
110										12.2	15.3		14.2	16.1		15.7	16.6	15.7	110
115										11.6			13.4	15.7		14.9	16.2	15.6	115
120													12.6	15.4		14.1	15.8	15.6	120
125													12.1	15.1		13.4	15.4		125
130													11.5			12.8	15.2		130
135																12.2	14.4		135
140																11.8	14.1		140
145																11.4			145

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Lifting capacities Forces de levage

TNZK

43–203 ft T 35 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft			146 ft			161 ft			176 ft			191 ft			203 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	39.2																		22
24	38.8																		24
26	38.3			33															26
28	37.9			32.7															28
30	37.5			32.4			28.4												30
32	37.1			32.1			28.2			24.2									32
34	36.6	29.3		31.8			27.9			24.1									34
36	36.1	28.7		31.5			27.7			24			20.1						36
38	35.4	28.2		31.2	26.5		27.5			23.9			20.1			15.9			38
40	34.8	27.6		30.8	26.1		27.3			23.7			20			15.9			40
45	33.3	26.3	20.8	29.8	25		26.7	23.7		23.4			19.9			15.8			45
50	31.9	25.1	20.2	28.8	24	20	26	22.9	19.7	23.1	21.5		19.7	18.7		15.8			50
55	30.6	24.1	19.5	27.8	23.1	19.5	25.4	22.2	19.2	22.7	20.9	18.3	19.5	18.4		15.7	15.8		55
60	29.3	23.1	19	26.9	22.3	19	24.7	21.5	18.7	22.2	20.3	18	19.3	18.2	16.8	15.7	15.3		60
65	28	22.2	18.5	26.1	21.5	18.6	24	20.8	18.3	21.7	19.8	17.6	19	17.8	16.5	15.2	14.8	14.6	65
70	26.9	21.4	18	25.2	20.8	18.1	23.4	20.2	17.9	21.3	19.3	17.2	18.7	17.4	16.2	14.8	14.3	14.2	70
75	25.7	20.6	17.6	24.4	20.2	17.7	22.8	19.6	17.5	20.9	18.8	16.9	18.3	16.9	16	14.3	13.9	13.7	75
80	24.4	19.9	17.2	23.6	19.5	17.4	22.2	19.1	17.2	20.4	18.4	16.6	17.8	16.4	15.7	13.9	13.4	13.3	80
85	23	19.3	16.9	22.7	19	17.1	21.6	18.6	16.9	20	17.9	16.4	17.3	15.9	15.5	13.5	13	12.9	85
90	21.6	18.7	16.6	21.7	18.5	16.8	21	18.1	16.6	19.6	17.5	16.1	16.8	15.4	15.2	13.1	12.6	12.5	90
95	20.4	18.2	16.3	20.7	18	16.5	20.4	17.7	16.4	19.1	17.2	15.9	16.2	14.9	14.8	12.7	12.2	12.1	95
100	19.2	17.7	16.1	19.7	17.6	16.3	19.7	17.3	16.1	18.6	16.8	15.7	15.7	14.5	14.3	12.3	11.9	11.8	100
105	18.1	17.3	15.9	18.7	17.2	16.1	18.9	16.9	16	18.1	16.5	15.5	15.2	14.1	13.9	11.9	11.5	11.5	105
110	17.2	16.9	15.7	17.8	16.8	15.9	18.2	16.6	15.8	17.3	16.2	15.4	14.7	13.7	13.5	11.5	11.2	11.2	110
115	16.3	16.5	15.6	17	16.5	15.8	17.4	16.3	15.6	16.5	15.9	15.3	14.2	13.3	13.2	11.2	10.9	10.9	115
120	15.5	16.2	15.5	16.2	16.1	15.7	16.5	16	15.5	15.8	15.5	15.1	13.8	12.9	12.8	10.9	10.7	10.6	120
125	14.7	15.7	15.4	15.3	15.7	15.6	15.3	15.6	15.4	14.9	15	15	13.3	12.5	12.5	10.5	10.4	10.4	125
130	13.8	15.3	15.3	14.7	15.4	15.4	14.7	14.7	15	13.7	14.4	14.6	12.9	12.2	12.1	10	10.1	10.1	130
135	13.3	14.7		13.8	14.4	14.9	13.7	14.1	14.2	12.6	13.3	13.9	12.4	11.9	11.9	9.6	9.8	9.9	135
140	12.7	14.1		12.8	13.3	13.7	12.6	13.2	13.6	11.9	12.3	12.8	11.8	11.5	11.6	9.2	9.4	9.6	140
145	12.2	13.1		12	12.3		11.7	12.2	12.6	11.5	11.5	11.9	11	11.2	11.3	8.8	9	9.2	145
150	11.8	12.6		11.5	11.6		10.9	11.4	11.7	11	11.1	11.1	10.2	10.8	11.1	8.4	8.6	8.8	150
155	11.5			10.9	11.1		10.2	10.6	10.9	10.3	10.7	10.8	9.4	10.1	10.4	8	8.2	8.4	155
160	8.6			10.2	10.5		9.6	9.8		9.6	10	10.4	8.8	9.4	9.7	7.6	7.9	8	160
165				9.9	9.9		9.2	9.4		9	9.3	9.7	8.1	8.7	9	7.3	7.5	7.7	165
170				9.6			8.9	9		8.4	8.7		7.5	8.1	8.3	6.9	7.1	7.3	170
175				4.8			8.5	8.7		7.8	8.1		6.9	7.5	7.6	6.6	6.8	6.9	175
180							8	8.1		7.3	7.5		6.4	6.9		6.3	6.5	6.6	180
185							7.5			6.8	7		5.9	6.3		5.9	6.2	6.3	185
190										6.4	6.5		5.4	5.8		5.4	5.8		190
195										5.9	6		5	5.4		5	5.3		195
200										5.5			4.6	4.9		4.1	4.8		200
205													4.2	4.5		3	3.9		205
210													3.9	4			2.6		210
215													3						215

t_253_003_50001_00_000

Lifting capacities Forces de levage

TNZK

43–203 ft T 62 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft			57 ft			72 ft			87 ft			102 ft			116 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	16.3			16.4			16.4			16.5									17
18	16.2			16.3			16.4			16.5									18
19	16.2			16.3			16.4			16.4			16.5						19
20	16.1			16.3			16.3			16.4			16.5						20
22	15.9			16.2			16.3			16.4			16.4			16.1			22
24	15.7			16			16.3			16.3			16.4			16			24
26	15.5			15.9			16.2			16.3			16.3			15.8			26
28	15.1			15.7			16			16.2			16.3			15.7			28
30	14.8			15.5			15.9			16.1			16.2			15.6			30
32	14.4	12.3		15.3			15.7			16			16.1			15.4			32
34	14	12		14.9	12.3		15.5			15.9			15.9			15.3			34
36	13.6	11.7		14.6	12		15.3	12.2		15.7			15.7			15.1			36
38	13.2	11.4		14.3	11.7		15.1	12		15.4	12.2		15.5			14.9			38
40	12.9	11.1		13.9	11.5		14.8	11.7		15.2	11.9		15.2			14.8			40
45	12	10.5		13.1	10.9		14	11.2		14.5	11.4		14.7	11.5		14.3	11.4		45
50	11.3	9.9	8.6	12.3	10.4	8.8	13.3	10.7		13.9	10.9		14.1	11.1		13.8	11		50
55	10.6	9.5	8.3	11.7	9.9	8.5	12.6	10.2	8.6	13.2	10.5	8.7	13.5	10.7		13.3	10.7		55
60	9.8	9	8.1	11.1	9.5	8.3	11.9	9.8	8.4	12.6	10.1	8.4	12.9	10.3	8.5	12.8	10.3	8.5	60
65	9	8.6	7.9	10.4	9.1	8.1	11.4	9.4	8.2	12	9.7	8.3	12.4	10	8.3	12.3	10	8.3	65
70	8.3	8.3	7.7	9.6	8.8	7.9	10.7	9.1	8	11.5	9.4	8.1	11.9	9.6	8.2	11.9	9.7	8.2	70
75	7.6	8	7.5	8.9	8.5	7.7	10.1	8.8	7.8	10.9	9.1	7.9	11.4	9.4	8	11.5	9.4	8	75
80	7.1	7.8	7.5	8.3	8.2	7.6	9.5	8.5	7.7	10.4	8.8	7.8	11	9.1	7.9	11.1	9.2	7.9	80
85	6.6	7.6	7.5	7.7	8	7.5	8.8	8.3	7.6	9.8	8.6	7.7	10.6	8.8	7.8	10.8	8.9	7.8	85
90	6.2	7.5	7.5	7.2	7.8	7.5	8.3	8.1	7.5	9.3	8.4	7.6	10.1	8.6	7.7	10.4	8.7	7.7	90
95	5.8	7.5		6.8	7.6	7.4	7.8	7.9	7.4	8.7	8.2	7.5	9.5	8.4	7.6	10	8.5	7.6	95
100				6.4	7.5	7.4	7.3	7.7	7.4	8.2	8	7.4	9	8.2	7.5	9.6	8.4	7.5	100
105				6	7.4		6.9	7.6	7.4	7.8	7.8	7.4	8.6	8.1	7.4	9.1	8.2	7.5	105
110				5.7	7.4		6.6	7.5	7.4	7.4	7.7	7.4	8.1	7.9	7.4	8.7	8	7.4	110
115							6.2	7.4	7.4	7	7.6	7.4	7.7	7.8	7.4	8.3	7.9	7.4	115
120							5.9	7.4		6.7	7.5	7.4	7.4	7.7	7.4	7.9	7.8	7.4	120
125							5.7	7.4		6.4	7.4	7.4	7	7.5	7.4	7.6	7.7	7.3	125
130										6.1	7.4		6.7	7.5	7.4	7.3	7.6	7.3	130
135										5.9	7.4		6.5	7.4	7.4	7	7.5	7.3	135
140										5.6	7.4		6.2	7.4	7.4	6.7	7.4	7.3	140
145													6	7.4		6.5	7.3	7.3	145
150													5.8	7.4		6.2	7.3	7.3	150
155													5.6	7.4		6	7.3		155
160																5.8	7.3		160
165																5.7	7.3		165
170																5.5			170

t_253_003_50277_00_000

Lifting capacities Forces de levage

TNZK

43–203 ft T 62 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft			146 ft			161 ft			176 ft			191 ft			203 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
26	15.4																		26
28	15.2			14.1															28
30	15.1			14															30
32	15			13.9			13												32
34	14.9			13.8			12.9												34
36	14.7			13.7			12.8			11.8									36
38	14.6			13.6			12.7			11.8									38
40	14.4			13.5			12.7			11.7			10.6						40
45	14			13.3			12.5			11.6			10.5			9.5			45
50	13.6	11		12.9			12.3			11.5			10.4			9.4			50
55	13.2	10.7		12.6	10.5		12	10.2		11.3			10.3			9.4			55
60	12.7	10.4		12.2	10.2		11.7	10		11.1	9.7		10.2			9.3			60
65	12.3	10.1	8.3	11.9	9.9		11.4	9.7		10.9	9.5		10	9.1		9.2			65
70	11.9	9.8	8.2	11.5	9.7	8.1	11.2	9.5		10.7	9.3		9.9	8.9		9.1	8.5		70
75	11.5	9.5	8.1	11.2	9.4	8	10.9	9.3	8	10.5	9.1	7.9	9.7	8.8		9	8.4		75
80	11.2	9.3	7.9	10.9	9.2	7.9	10.7	9.1	7.9	10.3	8.9	7.8	9.6	8.6		8.9	8.2		80
85	10.8	9.1	7.8	10.6	9	7.8	10.4	8.9	7.8	10.1	8.8	7.7	9.5	8.5	7.6	8.7	8.1		85
90	10.5	8.8	7.7	10.4	8.8	7.7	10.2	8.8	7.7	9.9	8.6	7.6	9.3	8.4	7.5	8.6	8	7.3	90
95	10.2	8.7	7.6	10.1	8.7	7.6	10	8.6	7.6	9.7	8.5	7.5	9.2	8.2	7.4	8.5	7.9	7.3	95
100	10	8.5	7.6	9.9	8.5	7.5	9.7	8.4	7.5	9.5	8.3	7.5	9	8.1	7.4	8.4	7.8	7.2	100
105	9.6	8.3	7.5	9.6	8.3	7.5	9.5	8.3	7.5	9.3	8.2	7.4	8.9	8	7.3	8.3	7.7	7.2	105
110	9.2	8.2	7.4	9.4	8.2	7.4	9.3	8.2	7.4	9.1	8.1	7.4	8.7	7.9	7.3	8.2	7.6	7.1	110
115	8.8	8	7.4	9.1	8	7.4	9.1	8	7.4	8.9	8	7.3	8.6	7.8	7.2	8.1	7.6	7.1	115
120	8.4	7.9	7.3	8.8	7.9	7.3	8.9	7.9	7.3	8.7	7.9	7.3	8.5	7.7	7.2	8	7.5	7.1	120
125	8.1	7.8	7.3	8.4	7.8	7.3	8.6	7.8	7.3	8.6	7.8	7.2	8.4	7.6	7.2	7.9	7.4	7	125
130	7.8	7.7	7.3	8.1	7.7	7.3	8.4	7.7	7.3	8.4	7.7	7.2	8.2	7.5	7.1	7.8	7.4	7	130
135	7.5	7.6	7.3	7.8	7.6	7.3	8.1	7.6	7.2	8.2	7.6	7.2	8	7.5	7.1	7.8	7.3	7	135
140	7.2	7.5	7.3	7.5	7.5	7.3	7.8	7.6	7.2	8	7.5	7.2	7.8	7.4	7.1	7.6	7.2	7	140
145	6.9	7.4	7.3	7.3	7.4	7.3	7.5	7.5	7.2	7.7	7.5	7.1	7.7	7.3	7.1	7.5	7.2	7	145
150	6.7	7.4	7.3	7	7.4	7.3	7.3	7.4	7.2	7.5	7.4	7.1	7.5	7.3	7.1	7.4	7.1	7	150
155	6.5	7.3	7.3	6.8	7.3	7.3	7.1	7.4	7.2	7.3	7.3	7.1	7.3	7.2	7.1	7.2	7.1	7	155
160	6.3	7.3	7.3	6.6	7.3	7.3	6.9	7.3	7.2	7.1	7.3	7.1	7.1	7.2	7.1	7	7	6.9	160
165	6.1	7.3	7.3	6.4	7.3	7.3	6.7	7.3	7.2	6.9	7.2	7.1	7	7.1	7.1	6.8	6.8	6.9	165
170	5.9	7.3		6.2	7.3	7.3	6.5	7.2	7.2	6.7	7.2	7.1	6.8	7.1	7.1	6.5	6.7	6.8	170
175	5.8	7.3		6.1	7.3	7.3	6.3	7.2	7.2	6.5	7.2	7.1	6.6	7.1	7.1	6.3	6.5	6.7	175
180	5.6	7.3		5.9	7.3		6.2	7.2	7.2	6.4	7.2	7.1	6.5	7.1	7.1	6	6.3	6.5	180
185	5.5			5.8	7.3		6	7.2	7.2	6.3	7.1	7.1	6.3	7.1	7.1	5.7	6	6.3	185
190				5.7	7.3		5.9	7.2		6.1	7.1	7.1	6.2	7.1	7.1	5.5	5.8	6.1	190
195				5.6	7.3		5.8	7.2		6	7.1	7.1	6.1	6.9	7.1	5.2	5.5	5.8	195
200				5.5			5.7	7.1		5.8	7.1	7.1	5.9	6.5	6.8	5	5.3	5.5	200
205							5.6	6.6		5.7	6.8		5.5	6.1	6.3	4.5	5	5.2	205
210							5.5	6.4		5.6	6.3		5.2	5.6	5.8	3.5	4.7	4.9	210
215							5.3			5.5	5.9		4.5	5.2		2.3	4.2	4.6	215
220										5.3	5.5		3.6	4.8			2.9	3.5	220
225										5	5.1		2.5	3.6				2.2	225
230										3.4				2.5					230

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Lifting capacities Forces de levage

TNZK

43–203 ft T 62 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft			57 ft			72 ft			87 ft			102 ft			116 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	16.3			16.4			16.4			16.5									17
18	16.2			16.3			16.4			16.5									18
19	16.2			16.3			16.4			16.4			16.5						19
20	16.1			16.3			16.3			16.4			16.5						20
22	15.9			16.2			16.3			16.4			16.4			16.1			22
24	15.7			16			16.3			16.3			16.4			16			24
26	15.5			15.9			16.2			16.3			16.3			15.8			26
28	15.1			15.7			16			16.2			16.3			15.7			28
30	14.8			15.5			15.9			16.1			16.2			15.6			30
32	14.4	12.3		15.3			15.7			16			16.1			15.4			32
34	14	12		14.9	12.3		15.5			15.9			15.9			15.3			34
36	13.6	11.7		14.6	12		15.3	12.2		15.7			15.7			15.1			36
38	13.2	11.4		14.3	11.7		15.1	12		15.4	12.2		15.5			14.9			38
40	12.9	11.1		13.9	11.5		14.8	11.7		15.2	11.9		15.2			14.8			40
45	12	10.5		13.1	10.9		14	11.2		14.5	11.4		14.7	11.5		14.3	11.4		45
50	11.3	9.9	8.6	12.3	10.4	8.8	13.3	10.7		13.9	10.9		14.1	11.1		13.8	11		50
55	10.6	9.5	8.3	11.7	9.9	8.5	12.6	10.2	8.6	13.2	10.5	8.7	13.5	10.7		13.3	10.7		55
60	9.8	9	8.1	11.1	9.5	8.3	11.9	9.8	8.4	12.6	10.1	8.4	12.9	10.3	8.5	12.8	10.3	8.5	60
65	9	8.6	7.9	10.4	9.1	8.1	11.4	9.4	8.2	12	9.7	8.3	12.4	10	8.3	12.3	10	8.3	65
70	8.3	8.3	7.7	9.6	8.8	7.9	10.7	9.1	8	11.5	9.4	8.1	11.9	9.6	8.2	11.9	9.7	8.2	70
75	7.6	8	7.5	8.9	8.5	7.7	10.1	8.8	7.8	10.9	9.1	7.9	11.4	9.4	8	11.5	9.4	8	75
80	7.1	7.8	7.5	8.3	8.2	7.6	9.5	8.5	7.7	10.4	8.8	7.8	11	9.1	7.9	11.1	9.2	7.9	80
85	6.6	7.6	7.5	7.7	8	7.5	8.8	8.3	7.6	9.8	8.6	7.7	10.6	8.8	7.8	10.8	8.9	7.8	85
90	6.2	7.5	7.5	7.2	7.8	7.5	8.3	8.1	7.5	9.3	8.4	7.6	10.1	8.6	7.7	10.4	8.7	7.7	90
95	5.8	7.5		6.8	7.6	7.4	7.8	7.9	7.4	8.7	8.2	7.5	9.5	8.4	7.6	10	8.5	7.6	95
100				6.4	7.5	7.4	7.3	7.7	7.4	8.2	8	7.4	9	8.2	7.5	9.6	8.4	7.5	100
105				6	7.4		6.9	7.6	7.4	7.8	7.8	7.4	8.6	8.1	7.4	9.1	8.2	7.5	105
110				5.7	7.4		6.6	7.5	7.4	7.4	7.7	7.4	8.1	7.9	7.4	8.7	8	7.4	110
115							6.2	7.4	7.4	7	7.6	7.4	7.7	7.8	7.4	8.3	7.9	7.4	115
120							5.9	7.4		6.7	7.5	7.4	7.4	7.7	7.4	7.9	7.8	7.4	120
125							5.7	7.4		6.4	7.4	7.4	7	7.5	7.4	7.6	7.7	7.3	125
130										6.1	7.4		6.7	7.5	7.4	7.3	7.6	7.3	130
135										5.9	7.4		6.5	7.4	7.4	7	7.5	7.3	135
140										5.6	7.4		6.2	7.4	7.4	6.7	7.4	7.3	140
145													6	7.4		6.5	7.3	7.3	145
150													5.8	7.4		6.2	7.3	7.3	150
155													5.6	7.4		6	7.3		155
160																5.8	7.3		160
165																5.7	7.3		165
170																5.5			170

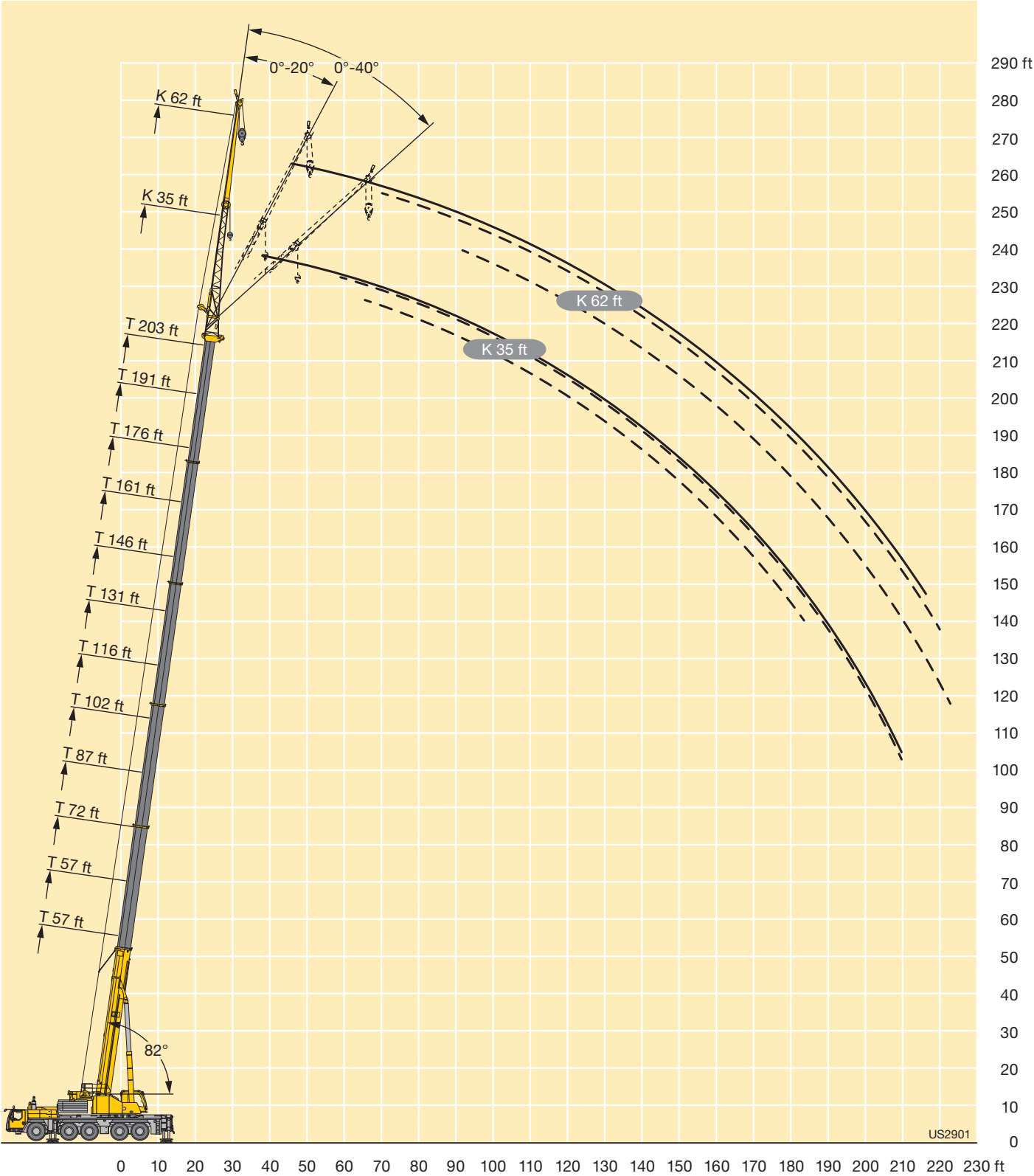
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Lifting capacities Forces de levage

TNZK

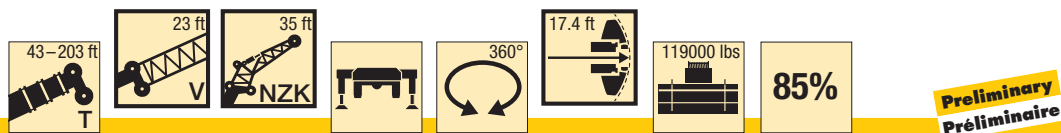
43–203 ft T 62 ft NZK  360°  15.7 ft  119000 lbs  85%  Preliminary Préliminaire 																			
 ft	131 ft			146 ft			161 ft			176 ft			191 ft			203 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
26	15.4																		26
28	15.2			14.1															28
30	15.1			14															30
32	15			13.9			13												32
34	14.9			13.8			12.9												34
36	14.7			13.7			12.8			11.8									36
38	14.6			13.6			12.7			11.8									38
40	14.4			13.5			12.7			11.7			10.6						40
45	14			13.3			12.5			11.6			10.5			9.5			45
50	13.6	11		12.9			12.3			11.5			10.4			9.4			50
55	13.2	10.7		12.6	10.5		12	10.2		11.3			10.3			9.4			55
60	12.7	10.4		12.2	10.2		11.7	10		11.1	9.7		10.2			9.3			60
65	12.3	10.1	8.3	11.9	9.9		11.4	9.7		10.9	9.5		10	9.1		9.2			65
70	11.9	9.8	8.2	11.5	9.7	8.1	11.2	9.5		10.7	9.3		9.9	8.9		9.1	8.5		70
75	11.5	9.5	8.1	11.2	9.4	8	10.9	9.3	8	10.5	9.1	7.9	9.7	8.8		9	8.4		75
80	11.2	9.3	7.9	10.9	9.2	7.9	10.7	9.1	7.9	10.3	8.9	7.8	9.6	8.6		8.9	8.2		80
85	10.8	9.1	7.8	10.6	9	7.8	10.4	8.9	7.8	10.1	8.8	7.7	9.5	8.5	7.6	8.7	8.1		85
90	10.5	8.8	7.7	10.4	8.8	7.7	10.2	8.8	7.7	9.9	8.6	7.6	9.3	8.4	7.5	8.6	8	7.3	90
95	10.2	8.7	7.6	10.1	8.7	7.6	10	8.6	7.6	9.7	8.5	7.5	9.2	8.2	7.4	8.5	7.9	7.3	95
100	10	8.5	7.6	9.9	8.5	7.5	9.7	8.4	7.5	9.5	8.3	7.5	9	8.1	7.4	8.4	7.8	7.2	100
105	9.6	8.3	7.5	9.6	8.3	7.5	9.5	8.3	7.5	9.3	8.2	7.4	8.9	8	7.3	8.3	7.7	7.2	105
110	9.2	8.2	7.4	9.4	8.2	7.4	9.3	8.2	7.4	9.1	8.1	7.4	8.7	7.9	7.3	8.2	7.6	7.1	110
115	8.8	8	7.4	9.1	8	7.4	9.1	8	7.4	8.9	8	7.3	8.6	7.8	7.2	8.1	7.6	7.1	115
120	8.4	7.9	7.3	8.8	7.9	7.3	8.9	7.9	7.3	8.7	7.9	7.3	8.5	7.7	7.2	8	7.5	7.1	120
125	8.1	7.8	7.3	8.4	7.8	7.3	8.6	7.8	7.3	8.6	7.8	7.2	8.4	7.6	7.2	7.9	7.4	7	125
130	7.8	7.7	7.3	8.1	7.7	7.3	8.4	7.7	7.3	8.4	7.7	7.2	8.2	7.5	7.1	7.8	7.4	7	130
135	7.5	7.6	7.3	7.8	7.6	7.3	8.1	7.6	7.2	8.2	7.6	7.2	8	7.5	7.1	7.8	7.3	7	135
140	7.2	7.5	7.3	7.5	7.5	7.3	7.8	7.6	7.2	8	7.5	7.2	7.8	7.4	7.1	7.6	7.2	7	140
145	6.9	7.4	7.3	7.3	7.4	7.3	7.5	7.5	7.2	7.7	7.5	7.1	7.7	7.3	7.1	7.5	7.2	7	145
150	6.7	7.4	7.3	7	7.4	7.3	7.3	7.4	7.2	7.5	7.4	7.1	7.5	7.3	7.1	7.4	7.1	7	150
155	6.5	7.3	7.3	6.8	7.3	7.3	7.1	7.4	7.2	7.3	7.3	7.1	7.3	7.2	7.1	7.2	7.1	7	155
160	6.3	7.3	7.3	6.6	7.3	7.3	6.9	7.3	7.2	7.1	7.3	7.1	7.1	7.2	7.1	7	7	6.9	160
165	6.1	7.3	7.3	6.4	7.3	7.3	6.7	7.3	7.2	6.9	7.2	7.1	7	7.1	7.1	6.8	6.8	6.9	165
170	5.9	7.3		6.2	7.3	7.3	6.5	7.2	7.2	6.7	7.2	7.1	6.8	7.1	7.1	6.5	6.7	6.8	170
175	5.8	7.3		6.1	7.3	7.3	6.3	7.2	7.2	6.5	7.2	7.1	6.6	7.1	7.1	6.3	6.5	6.7	175
180	5.6	7.3		5.9	7.3		6.2	7.2	7.2	6.4	7.2	7.1	6.5	7.1	7.1	6	6.3	6.5	180
185	5.5			5.8	7.3		6	7.2	7.2	6.3	7.1	7.1	6.3	7.1	7.1	5.7	6	6.3	185
190				5.7	7.3		5.9	7.2		6.1	7.1	7.1	6.1	6.8	7	5.5	5.8	6.1	190
195				5.6	7.3		5.8	7.1		5.9	7	7.1	5.8	6.3	6.7	5.2	5.5	5.8	195
200				5.5			5.7	6.8		5.8	6.6	6.8	5.3	5.9	6.2	4.9	5.3	5.5	200
205							5.6	6.6		5.7	6.2		4.9	5.4	5.7	4.2	5	5.2	205
210							5.5	6.2		5.4	5.7		4.5	5	5.2	3	4.6	4.9	210
215							5.3			5	5.3		4	4.6			3.7	4.3	215
220										4.7	4.9		3.1	4.2			2.4	3.1	220
225										4.4	4.5		2.1	3.2					225
230										3.4				2					230

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Lifting capacities Forces de levage

TVNZK



 ft	43 ft + 23 ft			57 ft + 23 ft			72 ft + 23 ft			87 ft + 23 ft			102 ft + 23 ft			116 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	19.2			19.7			20.2			20.2									17
18	19.3			19.8			20.1			20.2									18
19	19.3			19.7			20			20.2			20.2						19
20	19.2			19.6			20			20.2			20.2						20
22	18.8	17.2		19.4			19.8			20			20.2						22
24	18.3	17.1		19.2	17.2		19.6			19.9			20.1			20.2			24
26	17.7	16.6		18.8	17.2		19.3	17.2		19.7			19.9			20.1			26
28	17.2	16.1		18.3	16.8		19.1	17.2		19.5	17.2		19.8			20			28
30	16.7	15.6	14.8	17.9	16.4		18.8	17		19.3	17.2		19.6			19.9			30
32	16.2	15.1	14.8	17.4	15.9	14.8	18.4	16.6		19.1	17.2		19.4	17.2		19.7			32
34	15.7	14.7	14.4	16.9	15.5	14.8	18	16.2	14.8	18.8	16.8		19.3	17.2		19.6	17.2		34
36	15.2	14.2	14	16.5	15.1	14.6	17.6	15.9	14.8	18.5	16.5		19.1	17		19.4	17.2		36
38	14.7	13.8	13.6	16.1	14.7	14.2	17.1	15.5	14.7	18.1	16.1	14.8	18.8	16.7		19.2	17.1		38
40	14.1	13.4	13.2	15.6	14.4	13.9	16.7	15.1	14.4	17.7	15.8	14.8	18.5	16.3	14.8	19.1	16.8		40
45	12.8	12.6	12.4	14.5	13.5	13.1	15.8	14.3	13.7	16.8	15	14.2	17.6	15.6	14.6	18.4	16.1	14.8	45
50	11.8	11.8	11.7	13.4	12.7	12.4	14.8	13.5	13	15.9	14.2	13.5	16.8	14.9	14	17.6	15.4	14.4	50
55	10.9	11.1	11.1	12.3	12	11.8	13.8	12.8	12.4	15	13.6	12.9	16	14.2	13.4	16.8	14.8	13.8	55
60	10.1	10.4	10.6	11.5	11.5	11.3	12.8	12.2	11.8	14.1	12.9	12.4	15.2	13.6	12.8	16.1	14.2	13.3	60
65	9.4	9.7	10.1	10.7	10.8	10.8	12	11.7	11.4	13.2	12.4	11.9	14.4	13	12.4	15.4	13.6	12.8	65
70	8.8	9	9.4	10	10.2	10.4	11.2	11.2	11	12.4	11.9	11.5	13.6	12.5	11.9	14.6	13.1	12.4	70
75	8.2	8.4	8.7	9.4	9.6	9.9	10.6	10.6	10.6	11.7	11.4	11.1	12.8	12	11.6	13.9	12.6	12	75
80	7.7	7.9	8.1	8.9	9	9.3	10	10	10.3	11	10.9	10.8	12.1	11.6	11.2	13.1	12.1	11.6	80
85	7.3	7.5	7.6	8.4	8.5	8.7	9.5	9.5	9.7	10.5	10.4	10.5	11.5	11.2	10.9	12.4	11.8	11.3	85
90	6.9	7.1	7.5	7.9	8.1	8.2	9	9	9.2	10	9.9	10.1	10.9	10.7	10.6	11.9	11.4	11	90
95				7.5	7.6		8.5	8.6	8.8	9.5	9.5	9.6	10.4	10.3	10.3	11.3	11	10.8	95
100				7.2	7.3		8.1	8.2	8.3	9	9	9.2	9.9	9.8	9.9	10.8	10.6	10.5	100
105				6.9	6.9		7.7	7.8		8.6	8.6	8.8	9.5	9.4	9.5	10.4	10.1	10.2	105
110							7.4	7.5		8.3	8.3	8.4	9.1	9	9.2	9.9	9.8	9.8	110
115							7.1	7.2		7.9	7.9	8	8.7	8.7	8.8	9.5	9.4	9.5	115
120							6.9	6.9		7.6	7.6		8.4	8.3	8.5	9.2	9	9.1	120
125										7.3	7.3		8	8	8.1	8.8	8.7	8.8	125
130										7	7.1		7.7	7.7		8.5	8.4	8.5	130
135										6.8			7.5	7.5		8.2	8.1	8.2	135
140													7.2	7.2		7.9	7.8		140
145													7	7		7.6	7.6		145
150													6.8			7.4	7.4		150
155																7.1	7.1		155
160																6.9	7		160
165																6.8			165

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Lifting capacities Forces de levage

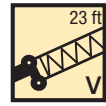
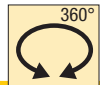
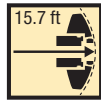
TVNZK

43-203 ft T 23 ft V 35 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 23 ft			146 ft + 23 ft			161 ft + 23 ft			176 ft + 23 ft			191 ft + 23 ft			203 ft + 23 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
26	20.2																		26
28	20.1																		28
30	20.1			20.2															30
32	19.9			20.1			18.4												32
34	19.8			20			18.3												34
36	19.7			19.9			18.3			15.7									36
38	19.5	17.2		19.7			18.2			15.6									38
40	19.4	17.2		19.6			18.1			15.6			13						40
45	18.9	16.6		19.3	17		17.9			15.4			12.9			11.1			45
50	18.3	15.9	14.7	18.8	16.3	14.8	17.7	16.7		15.2	15.2		12.7			11			50
55	17.6	15.3	14.2	18.2	15.7	14.5	17.4	16.1	14.7	15.1	14.8		12.6	12.8		10.9			55
60	16.8	14.7	13.7	17.5	15.2	14	17.1	15.6	14.3	14.9	14.5	13.4	12.5	12.6		10.9	11		60
65	16.2	14.1	13.2	16.8	14.6	13.5	16.8	15.1	13.9	14.7	14.1	13.1	12.4	12.4	11.9	10.8	10.8		65
70	15.5	13.6	12.7	16.2	14.1	13.1	16.4	14.6	13.4	14.5	13.7	12.7	12.3	12.2	11.7	10.7	10.7	10.7	70
75	14.8	13.1	12.3	15.6	13.6	12.7	15.8	14.1	13	14.3	13.2	12.4	12.2	11.9	11.4	10.5	10.5	10.5	75
80	14.1	12.7	12	15	13.2	12.3	15.3	13.7	12.7	14	12.9	12.1	12.1	11.7	11.2	10.3	10.3	10.3	80
85	13.5	12.3	11.7	14.4	12.8	12	14.8	13.2	12.3	13.6	12.5	11.8	11.9	11.4	11	10.1	10	10	85
90	12.8	11.9	11.4	13.7	12.4	11.7	14.3	12.8	12	13.3	12.2	11.5	11.7	11.2	10.8	9.9	9.8	9.8	90
95	12.2	11.6	11.1	13.1	12	11.4	13.9	12.5	11.8	12.9	11.9	11.3	11.5	11	10.6	9.7	9.5	9.5	95
100	11.7	11.2	10.9	12.5	11.7	11.2	13.3	12.1	11.5	12.6	11.6	11.1	11.2	10.8	10.5	9.4	9.3	9.3	100
105	11.1	10.8	10.6	12	11.4	11	12.8	11.8	11.3	12.2	11.3	10.9	10.9	10.6	10.3	9.2	9	9	105
110	10.7	10.4	10.4	11.5	11	10.7	12.2	11.5	11	11.9	11.1	10.7	10.7	10.4	10.1	8.9	8.8	8.8	110
115	10.3	10.1	10.1	11	10.7	10.5	11.8	11.2	10.8	11.6	10.8	10.5	10.4	10.1	10	8.7	8.6	8.5	115
120	9.9	9.7	9.7	10.6	10.3	10.3	11.3	10.9	10.6	11.3	10.6	10.3	10.1	9.9	9.8	8.4	8.3	8.3	120
125	9.5	9.4	9.4	10.3	10	10	10.9	10.5	10.4	11.1	10.4	10.2	9.9	9.7	9.7	8.2	8.1	8.1	125
130	9.2	9	9.1	9.9	9.7	9.7	10.6	10.2	10.2	10.9	10.2	10	9.6	9.5	9.5	8	7.9	7.9	130
135	8.8	8.7	8.8	9.5	9.3	9.4	10.2	9.9	9.9	10.6	10.1	9.9	9.4	9.2	9.3	7.8	7.7	7.7	135
140	8.6	8.4	8.5	9.2	9	9.1	9.9	9.6	9.6	10.4	9.9	9.7	9.1	9	9	7.6	7.5	7.5	140
145	8.3	8.2	8.3	8.9	8.7	8.8	9.6	9.3	9.3	10.2	9.7	9.6	8.9	8.8	8.8	7.4	7.3	7.3	145
150	8	7.9	8	8.6	8.5	8.6	9.3	9	9.1	9.9	9.5	9.5	8.7	8.6	8.6	7.2	7.1	7.1	150
155	7.7	7.7		8.4	8.2	8.3	9	8.8	8.8	9.6	9.3	9.3	8.5	8.4	8.4	7	6.9	7	155
160	7.5	7.5		8.1	8	8.1	8.7	8.5	8.6	9.3	9	9.1	8.3	8.2	8.2	6.7	6.7	6.8	160
165	7.3	7.3		7.9	7.8		8.4	8.3	8.4	9	8.8	8.8	8.1	8	8.1	6.4	6.6	6.6	165
170	7.1	7.1		7.6	7.6		8.2	8.1	8.1	8.5	8.6	8.6	7.9	7.8	7.9	6.2	6.3	6.4	170
175	6.9	6.9		7.4	7.4		8	7.9		7.9	8.3	8.4	7.7	7.7	7.7	5.9	6.1	6.2	175
180	6.8			7.2	7.2		7.7	7.7		7.5	7.7	7.9	7.4	7.5	7.6	5.6	5.8	6	180
185				7	7		7.5	7.5		7.3	7.3	7.4	6.9	7.3	7.3	5.3	5.5	5.7	185
190				6.9	6.9		7.2	7.3		7.1	7.2		6.4	6.8	6.9	5	5.2	5.4	190
195				6.8			6.7	6.9		6.8	6.9		5.9	6.2	6.4	4.5	5	5.1	195
200							6.3	6.5		6.3	6.5		5.5	5.8		3.2	4.4	4.6	200
205							6.1			5.9	6.1		4.2	5.2			3.2	3.7	205
210							5.9			5.5	5.7		3.1	3.9					210
215										5.1	5.3		1.8	2.7					215
220										4.1									220
225										3.2									225

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Lifting capacities Forces de levage

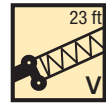
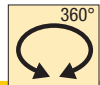
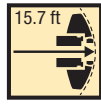
TVNZK

43-203 ft T 23 ft V 35 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
 ft	43 ft + 23 ft			57 ft + 23 ft			72 ft + 23 ft			87 ft + 23 ft			102 ft + 23 ft			116 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	19.2			19.7			20.2			20.2									17
18	19.3			19.8			20.1			20.2									18
19	19.3			19.7			20			20.2			20.2						19
20	19.2			19.6			20			20.2			20.2						20
22	18.8	17.2		19.4			19.8			20			20.2						22
24	18.3	17.1		19.2	17.2		19.6			19.9			20.1			20.2			24
26	17.7	16.6		18.8	17.2		19.3	17.2		19.7			19.9			20.1			26
28	17.2	16.1		18.3	16.8		19.1	17.2		19.5	17.2		19.8			20			28
30	16.7	15.6	14.8	17.9	16.4		18.8	17		19.3	17.2		19.6			19.9			30
32	16.2	15.1	14.8	17.4	15.9	14.8	18.4	16.6		19.1	17.2		19.4	17.2		19.7			32
34	15.7	14.7	14.4	16.9	15.5	14.8	18	16.2	14.8	18.8	16.8		19.3	17.2		19.6	17.2		34
36	15.2	14.2	14	16.5	15.1	14.6	17.6	15.9	14.8	18.5	16.5		19.1	17		19.4	17.2		36
38	14.7	13.8	13.6	16.1	14.7	14.2	17.1	15.5	14.7	18.1	16.1	14.8	18.8	16.7		19.2	17.1		38
40	14.1	13.4	13.2	15.6	14.4	13.9	16.7	15.1	14.4	17.7	15.8	14.8	18.5	16.3	14.8	19.1	16.8		40
45	12.8	12.6	12.4	14.5	13.5	13.1	15.8	14.3	13.7	16.8	15	14.2	17.6	15.6	14.6	18.4	16.1	14.8	45
50	11.8	11.8	11.7	13.4	12.7	12.4	14.8	13.5	13	15.9	14.2	13.5	16.8	14.9	14	17.6	15.4	14.4	50
55	10.9	11.1	11.1	12.3	12	11.8	13.8	12.8	12.4	15	13.6	12.9	16	14.2	13.4	16.8	14.8	13.8	55
60	10.1	10.4	10.6	11.5	11.5	11.3	12.8	12.2	11.8	14.1	12.9	12.4	15.2	13.6	12.8	16.1	14.2	13.3	60
65	9.4	9.7	10.1	10.7	10.8	10.8	12	11.7	11.4	13.2	12.4	11.9	14.4	13	12.4	15.4	13.6	12.8	65
70	8.8	9	9.4	10	10.2	10.4	11.2	11.2	11	12.4	11.9	11.5	13.6	12.5	11.9	14.6	13.1	12.4	70
75	8.2	8.4	8.7	9.4	9.6	9.9	10.6	10.6	10.6	11.7	11.4	11.1	12.8	12	11.6	13.9	12.6	12	75
80	7.7	7.9	8.1	8.9	9	9.3	10	10	10.3	11	10.9	10.8	12.1	11.6	11.2	13.1	12.1	11.6	80
85	7.3	7.5	7.6	8.4	8.5	8.7	9.5	9.5	9.7	10.5	10.4	10.5	11.5	11.2	10.9	12.4	11.8	11.3	85
90	6.9	7.1	7.5	7.9	8.1	8.2	9	9	9.2	10	9.9	10.1	10.9	10.7	10.6	11.9	11.4	11	90
95				7.5	7.6		8.5	8.6	8.8	9.5	9.5	9.6	10.4	10.3	10.3	11.3	11	10.8	95
100				7.2	7.3		8.1	8.2	8.3	9	9	9.2	9.9	9.8	9.9	10.8	10.6	10.5	100
105				6.9	6.9		7.7	7.8		8.6	8.6	8.8	9.5	9.4	9.5	10.4	10.1	10.2	105
110							7.4	7.5		8.3	8.3	8.4	9.1	9	9.2	9.9	9.8	9.8	110
115							7.1	7.2		7.9	7.9	8	8.7	8.7	8.8	9.5	9.4	9.5	115
120							6.9	6.9		7.6	7.6		8.4	8.3	8.5	9.2	9	9.1	120
125										7.3	7.3		8	8	8.1	8.8	8.7	8.8	125
130										7	7.1		7.7	7.7		8.5	8.4	8.5	130
135										6.8			7.5	7.5		8.2	8.1	8.2	135
140													7.2	7.2		7.9	7.8		140
145													7	7		7.6	7.6		145
150													6.8			7.4	7.4		150
155																7.1	7.1		155
160																6.9	7		160
165																6.8			165

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Lifting capacities Forces de levage

TVNZK

       																			
 ft	131 ft + 23 ft			146 ft + 23 ft			161 ft + 23 ft			176 ft + 23 ft			191 ft + 23 ft			203 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
26	20.2																		26
28	20.1																		28
30	20.1			20.2															30
32	19.9			20.1			18.4												32
34	19.8			20			18.3												34
36	19.7			19.9			18.3			15.7									36
38	19.5	17.2		19.7			18.2			15.6									38
40	19.4	17.2		19.6			18.1			15.6			13						40
45	18.9	16.6		19.3	17		17.9			15.4			12.9			11.1			45
50	18.3	15.9	14.7	18.8	16.3	14.8	17.7	16.7		15.2	15.2		12.7			11			50
55	17.6	15.3	14.2	18.2	15.7	14.5	17.4	16.1	14.7	15.1	14.8		12.6	12.8		10.9			55
60	16.8	14.7	13.7	17.5	15.2	14	17.1	15.6	14.3	14.9	14.5	13.4	12.5	12.6		10.9	11		60
65	16.2	14.1	13.2	16.8	14.6	13.5	16.8	15.1	13.9	14.7	14.1	13.1	12.4	12.4	11.9	10.8	10.8		65
70	15.5	13.6	12.7	16.2	14.1	13.1	16.4	14.6	13.4	14.5	13.7	12.7	12.3	12.2	11.7	10.7	10.7	10.7	70
75	14.8	13.1	12.3	15.6	13.6	12.7	15.8	14.1	13	14.3	13.2	12.4	12.2	11.9	11.4	10.5	10.5	10.5	75
80	14.1	12.7	12	15	13.2	12.3	15.3	13.7	12.7	14	12.9	12.1	12.1	11.7	11.2	10.3	10.3	10.3	80
85	13.5	12.3	11.7	14.4	12.8	12	14.8	13.2	12.3	13.6	12.5	11.8	11.9	11.4	11	10.1	10	10	85
90	12.8	11.9	11.4	13.7	12.4	11.7	14.3	12.8	12	13.3	12.2	11.5	11.7	11.2	10.8	9.9	9.8	9.8	90
95	12.2	11.6	11.1	13.1	12	11.4	13.9	12.5	11.8	12.9	11.9	11.3	11.5	11	10.6	9.7	9.5	9.5	95
100	11.7	11.2	10.9	12.5	11.7	11.2	13.3	12.1	11.5	12.6	11.6	11.1	11.2	10.8	10.5	9.4	9.3	9.3	100
105	11.1	10.8	10.6	12	11.4	11	12.8	11.8	11.3	12.2	11.3	10.9	10.9	10.6	10.3	9.2	9	9	105
110	10.7	10.4	10.4	11.5	11	10.7	12.2	11.5	11	11.9	11.1	10.7	10.7	10.4	10.1	8.9	8.8	8.8	110
115	10.3	10.1	10.1	11	10.7	10.5	11.8	11.2	10.8	11.6	10.8	10.5	10.4	10.1	10	8.7	8.6	8.5	115
120	9.9	9.7	9.7	10.6	10.3	10.3	11.3	10.9	10.6	11.3	10.6	10.3	10.1	9.9	9.8	8.4	8.3	8.3	120
125	9.5	9.4	9.4	10.3	10	10	10.9	10.5	10.4	11.1	10.4	10.2	9.9	9.7	9.7	8.2	8.1	8.1	125
130	9.2	9	9.1	9.9	9.7	9.7	10.6	10.2	10.2	10.9	10.2	10	9.6	9.5	9.5	8	7.9	7.9	130
135	8.8	8.7	8.8	9.5	9.3	9.4	10.2	9.9	9.9	10.6	10.1	9.9	9.4	9.2	9.3	7.8	7.7	7.7	135
140	8.6	8.4	8.5	9.2	9	9.1	9.9	9.6	9.6	10.4	9.9	9.7	9.1	9	9	7.6	7.5	7.5	140
145	8.3	8.2	8.3	8.9	8.7	8.8	9.6	9.3	9.3	10.2	9.7	9.6	8.9	8.8	8.8	7.4	7.3	7.3	145
150	8	7.9	8	8.6	8.5	8.6	9.3	9	9.1	9.9	9.5	9.5	8.7	8.6	8.6	7.2	7.1	7.1	150
155	7.7	7.7		8.4	8.2	8.3	9	8.8	8.8	9.6	9.3	9.3	8.5	8.4	8.4	7	6.9	7	155
160	7.5	7.5		8.1	8	8.1	8.7	8.5	8.6	9	9	9.1	8.3	8.2	8.2	6.7	6.7	6.8	160
165	7.3	7.3		7.9	7.8		8.4	8.3	8.4	8.3	8.7	8.8	8.1	8	8.1	6.4	6.6	6.6	165
170	7.1	7.1		7.6	7.6		8.2	8.1	8.1	7.9	8.2	8.4	7.7	7.8	7.9	6.2	6.3	6.4	170
175	6.9	6.9		7.4	7.4		8	7.9		7.7	7.7	7.8	7.3	7.6	7.7	5.9	6.1	6.2	175
180	6.8			7.2	7.2		7.5	7.7		7.5	7.5	7.6	6.7	7.1	7.3	5.6	5.8	6	180
185				7	7		7	7.3		7	7.3	7.4	6.2	6.6	6.8	5.3	5.5	5.7	185
190				6.9	6.9		6.8	6.8		6.6	6.8		5.7	6.1	6.2	4.9	5.2	5.4	190
195				6.8			6.5	6.6		6.1	6.4		5.3	5.6	5.7	4	4.9	5.1	195
200							6.3	6.4		5.7	5.9		4.8	5.1		2.7	3.9	4.4	200
205							6			5.3	5.5		3.7	4.7			2.7	3.2	205
210							5.6			4.9	5.1		2.5	3.5					210
215										4.5	4.7			2.1					215
220										3.7									220
225										2.7									225

t_253_003_50067_00_000

Lifting capacities Forces de levage

TVNZK

43-203 ft T 23 ft V 62 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft + 23 ft			57 ft + 23 ft			72 ft + 23 ft			87 ft + 23 ft			102 ft + 23 ft			116 ft + 23 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	11			11															17
18	11			11			11												18
19	10.9			11			11												19
20	10.9			11			11			11									20
22	10.9			10.9			11			11									22
24	10.8			10.9			11			11			11						24
26	10.7			10.9			10.9			11			11			11			26
28	10.7			10.8			10.9			10.9			11			11			28
30	10.6			10.7			10.8			10.9			11			11			30
32	10.5			10.7			10.8			10.9			10.9			11			32
34	10.3			10.6			10.7			10.8			10.9			10.9			34
36	10.2	10		10.5			10.7			10.8			10.9			10.9			36
38	10.1	10		10.4	10		10.6			10.7			10.8			10.9			38
40	9.9	9.8		10.3	10		10.5	10		10.7			10.8			10.8			40
45	9.5	9.3		10	9.7		10.3	9.9		10.5	10		10.6	10		10.7			45
50	9	8.9		9.5	9.2		10	9.5		10.3	9.8		10.4	9.9		10.6	10		50
55	8.6	8.4	8.4	9.1	8.8	8.4	9.6	9.1		10	9.4		10.2	9.7		10.4	9.9		55
60	8.2	8.1	8	8.7	8.4	8.3	9.2	8.8	8.4	9.6	9.1	8.4	10	9.3		10.2	9.6		60
65	7.8	7.7	7.7	8.3	8.1	7.9	8.8	8.4	8.2	9.3	8.7	8.3	9.7	9	8.4	10	9.3	8.3	65
70	7.4	7.3	7.4	8	7.8	7.6	8.5	8.1	7.9	8.9	8.4	8.1	9.4	8.7	8.2	9.7	9	8.1	70
75	7.1	7	7.1	7.7	7.5	7.4	8.2	7.8	7.6	8.6	8.2	7.8	9	8.4	8	9.4	8.7	8	75
80	6.8	6.7	6.8	7.3	7.2	7.1	7.9	7.5	7.4	8.3	7.9	7.6	8.7	8.2	7.8	9.1	8.4	7.9	80
85	6.5	6.5	6.6	7.1	6.9	6.9	7.6	7.3	7.2	8	7.6	7.4	8.4	7.9	7.6	8.8	8.2	7.8	85
90	6.2	6.2	6.3	6.8	6.6	6.7	7.3	7	6.9	7.8	7.4	7.2	8.2	7.7	7.4	8.6	8	7.6	90
95	6	6	6.1	6.5	6.4	6.4	7	6.8	6.7	7.5	7.1	7	7.9	7.5	7.2	8.3	7.7	7.4	95
100	5.7	5.8	6	6.2	6.2	6.3	6.8	6.6	6.6	7.2	6.9	6.8	7.7	7.2	7	8	7.5	7.2	100
105	5.6	5.6	5.9	6	6	6.1	6.5	6.3	6.4	7	6.7	6.6	7.4	7	6.9	7.8	7.3	7	105
110	5.3	5.5	5.8	5.8	5.8	6	6.3	6.2	6.2	6.8	6.5	6.5	7.2	6.8	6.7	7.6	7.1	6.9	110
115	5.1	5.3	5.5	5.6	5.6	5.9	6.1	6	6.1	6.5	6.3	6.3	7	6.6	6.6	7.4	6.9	6.8	115
120	4.9	5.1		5.5	5.5	5.8	5.9	5.8	6	6.3	6.1	6.2	6.7	6.5	6.4	7.2	6.8	6.6	120
125				5.2	5.4		5.7	5.7	5.9	6.1	6	6.1	6.5	6.3	6.3	7	6.6	6.5	125
130				5	5.2		5.6	5.6	5.8	6	5.8	6	6.4	6.1	6.2	6.7	6.4	6.4	130
135				4.9			5.4	5.5	5.7	5.8	5.7	5.9	6.2	6	6.1	6.5	6.3	6.2	135
140							5.2	5.3		5.6	5.6	5.8	6	5.9	6	6.4	6.1	6.1	140
145							5	5.1		5.5	5.5	5.8	5.8	5.7	5.9	6.2	6	6.1	145
150							4.9			5.3	5.4		5.7	5.6	5.8	6	5.9	6	150
155										5.1	5.3		5.6	5.5	5.8	5.9	5.8	5.9	155
160										5	5.1		5.4	5.5	5.7	5.8	5.7	5.8	160
165										4.9			5.2	5.3		5.6	5.6	5.8	165
170													5.1	5.2		5.5	5.5	5.8	170
175													4.9	5.1		5.3	5.4		175
180													4.9			5.2	5.3		180
185																5.1	5.2		185
190																4.9	5.1		190
195																4.9			195
200																			200
205																			205
210																			210
215																			215
220																			220
225																			225

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Lifting capacities Forces de levage

TVNZK

43–203 ft T 23 ft V 62 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 23 ft			146 ft + 23 ft			161 ft + 23 ft			176 ft + 23 ft			191 ft + 23 ft			203 ft + 23 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
30	11																		30
32	11																		32
34	11			10.7															34
36	10.9			10.8			10.6												36
38	10.9			11			10.7												38
40	10.9			10.9			10.7												40
45	10.8			10.9			10.6			9.7			8.3						45
50	10.7			10.8			10.5			9.6			8.4			7.2			50
55	10.6	10		10.7			10.4			9.5			8.4			7.4			55
60	10.4	9.8		10.5	9.8		10.3			9.4			8.4			7.4			60
65	10.2	9.5		10.4	9.6		10.2	9.3		9.4			8.3			7.4			65
70	10	9.2	8.1	10.2	9.4		10.1	9.1		9.3	8.8		8.2			7.3			70
75	9.7	8.9	8	10	9.1	7.9	10	9		9.2	8.6		8.2	8.1		7.3			75
80	9.5	8.7	7.9	9.8	8.9	7.8	9.8	8.8	7.8	9.1	8.5		8.1	8		7.3	7.4		80
85	9.2	8.4	7.8	9.5	8.7	7.8	9.6	8.7	7.7	9	8.4	7.6	8	7.8		7.2	7.3		85
90	8.9	8.2	7.7	9.2	8.4	7.7	9.4	8.5	7.6	8.8	8.2	7.5	8	7.7	7.2	7.2	7.2		90
95	8.7	8	7.6	9	8.2	7.6	9.2	8.3	7.5	8.7	8	7.4	7.9	7.6	7.1	7.1	7.1	6.8	95
100	8.4	7.8	7.4	8.7	8	7.5	9	8.2	7.5	8.5	7.9	7.3	7.8	7.4	7.1	7.1	6.9	6.7	100
105	8.2	7.6	7.2	8.5	7.8	7.4	8.8	8	7.4	8.4	7.7	7.3	7.7	7.3	6.9	7	6.8	6.6	105
110	7.9	7.4	7.1	8.3	7.6	7.3	8.6	7.8	7.3	8.2	7.5	7.1	7.6	7.1	6.8	6.9	6.7	6.5	110
115	7.7	7.2	6.9	8.1	7.5	7.1	8.4	7.6	7.2	8	7.4	7	7.4	7	6.7	6.8	6.6	6.4	115
120	7.5	7	6.8	7.9	7.3	7	8.1	7.4	7.1	7.8	7.2	6.9	7.3	6.9	6.6	6.6	6.5	6.3	120
125	7.3	6.9	6.7	7.7	7.1	6.9	7.9	7.3	7	7.6	7.1	6.8	7.2	6.7	6.5	6.5	6.4	6.2	125
130	7.1	6.7	6.6	7.5	7	6.7	7.7	7.1	6.8	7.5	7	6.7	7.1	6.6	6.4	6.4	6.3	6.1	130
135	6.9	6.6	6.4	7.3	6.8	6.6	7.5	7	6.7	7.3	6.8	6.6	6.9	6.5	6.3	6.2	6.2	6.1	135
140	6.7	6.4	6.3	7.1	6.7	6.5	7.4	6.8	6.6	7.2	6.7	6.5	6.8	6.4	6.2	6.1	6	6	140
145	6.6	6.2	6.2	6.9	6.5	6.4	7.2	6.7	6.5	7	6.5	6.4	6.7	6.2	6.1	5.9	5.9	5.9	145
150	6.4	6.1	6.1	6.7	6.4	6.3	7	6.5	6.4	6.8	6.4	6.3	6.5	6.1	6	5.8	5.8	5.8	150
155	6.2	6	6	6.6	6.2	6.2	6.8	6.4	6.3	6.7	6.3	6.2	6.4	6	6	5.6	5.6	5.7	155
160	6.1	5.9	6	6.4	6.1	6.1	6.7	6.3	6.2	6.5	6.2	6.1	6.3	5.9	5.9	5.5	5.5	5.6	160
165	6	5.8	5.9	6.3	6	6	6.5	6.2	6.1	6.4	6.1	6	6.1	5.9	5.8	5.4	5.3	5.4	165
170	5.8	5.7	5.9	6.1	5.9	6	6.4	6	6	6.3	5.9	5.9	6	5.8	5.8	5.2	5.2	5.3	170
175	5.7	5.6	5.8	6	5.8	5.9	6.2	5.9	5.9	6.1	5.9	5.9	5.9	5.7	5.7	5.1	5.1	5.2	175
180	5.6	5.5	5.8	5.9	5.7	5.9	6.1	5.8	5.9	6	5.8	5.8	5.8	5.6	5.6	4.9	5	5.1	180
185	5.5	5.5		5.7	5.6	5.8	6	5.7	5.8	5.9	5.7	5.8	5.7	5.5	5.6	4.8	4.8	4.9	185
190	5.3	5.3		5.6	5.5	5.8	5.9	5.7	5.8	5.8	5.6	5.7	5.6	5.4	5.5	4.6	4.7	4.8	190
195	5.2	5.2		5.5	5.5	5.7	5.7	5.6	5.8	5.7	5.5	5.7	5.5	5.4	5.5	4.4	4.6	4.7	195
200	5	5.1		5.4	5.4		5.6	5.5	5.7	5.6	5.4	5.6	5.4	5.3	5.5	3.9	4.5	4.6	200
205	4.9	5.1		5.3	5.3		5.5	5.4	5.7	5.5	5.4	5.6	5.2	5.2	5.4	2.9	4.3	4.5	205
210	4.8			5.1	5.2		5.4	5.4		5.3	5.3	5.6	4	5.2	5.4		3.8	4.3	210
215				5	5.1		5.3	5.3		5.2	5.2	5.5	2.9	4.7	5.4			3.8	215
220				4.9	5.1		5.2	5.3		5	5.1	5.4		3.6	4.4				220
225				2.2			5	5.1		4	4.9			2.4	3.1				225
230							4.7	4.8		3	4.1								230
235							4.6			2	2.9								235
240											1.9								240

t_253_003_50349_00_000

Lifting capacities Forces de levage

TVNZK

43–203 ft T 23 ft V 62 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft + 23 ft			57 ft + 23 ft			72 ft + 23 ft			87 ft + 23 ft			102 ft + 23 ft			116 ft + 23 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	11			11														17	
18	11			11			11											18	
19	10.9			11			11											19	
20	10.9			11			11			11								20	
22	10.9			10.9			11			11								22	
24	10.8			10.9			11			11			11					24	
26	10.7			10.9			10.9			11			11			11		26	
28	10.7			10.8			10.9			10.9			11			11		28	
30	10.6			10.7			10.8			10.9			11			11		30	
32	10.5			10.7			10.8			10.9			10.9			11		32	
34	10.3			10.6			10.7			10.8			10.9			10.9		34	
36	10.2	10		10.5			10.7			10.8			10.9			10.9		36	
38	10.1	10		10.4	10		10.6			10.7			10.8			10.9		38	
40	9.9	9.8		10.3	10		10.5	10		10.7			10.8			10.8		40	
45	9.5	9.3		10	9.7		10.3	9.9		10.5	10		10.6	10		10.7		45	
50	9	8.9		9.5	9.2		10	9.5		10.3	9.8		10.4	9.9		10.6	10	50	
55	8.6	8.4	8.4	9.1	8.8	8.4	9.6	9.1		10	9.4		10.2	9.7		10.4	9.9	55	
60	8.2	8.1	8	8.7	8.4	8.3	9.2	8.8	8.4	9.6	9.1	8.4	10	9.3		10.2	9.6	60	
65	7.8	7.7	7.7	8.3	8.1	7.9	8.8	8.4	8.2	9.3	8.7	8.3	9.7	9	8.4	10	9.3	8.3	
70	7.4	7.3	7.4	8	7.8	7.6	8.5	8.1	7.9	8.9	8.4	8.1	9.4	8.7	8.2	9.7	9	8.1	
75	7.1	7	7.1	7.7	7.5	7.4	8.2	7.8	7.6	8.6	8.2	7.8	9	8.4	8	9.4	8.7	8	
80	6.8	6.7	6.8	7.3	7.2	7.1	7.9	7.5	7.4	8.3	7.9	7.6	8.7	8.2	7.8	9.1	8.4	7.9	
85	6.5	6.5	6.6	7.1	6.9	6.9	7.6	7.3	7.2	8	7.6	7.4	8.4	7.9	7.6	8.8	8.2	7.8	
90	6.2	6.2	6.3	6.8	6.6	6.7	7.3	7	6.9	7.8	7.4	7.2	8.2	7.7	7.4	8.6	8	7.6	
95	6	6	6.1	6.5	6.4	6.4	7	6.8	6.7	7.5	7.1	7	7.9	7.5	7.2	8.3	7.7	7.4	
100	5.7	5.8	6	6.2	6.2	6.3	6.8	6.6	6.6	7.2	6.9	6.8	7.7	7.2	7	8	7.5	7.2	
105	5.6	5.6	5.9	6	6	6.1	6.5	6.3	6.4	7	6.7	6.6	7.4	7	6.9	7.8	7.3	7	
110	5.3	5.5	5.8	5.8	5.8	6	6.3	6.2	6.2	6.8	6.5	6.5	7.2	6.8	6.7	7.6	7.1	6.9	
115	5.1	5.3	5.5	5.6	5.6	5.9	6.1	6	6.1	6.5	6.3	6.3	7	6.6	6.6	7.4	6.9	6.8	
120	4.9	5.1		5.5	5.5	5.8	5.9	5.8	6	6.3	6.1	6.2	6.7	6.5	6.4	7.2	6.8	6.6	
125				5.2	5.4		5.7	5.7	5.9	6.1	6	6.1	6.5	6.3	6.3	7	6.6	6.5	
130				5	5.2		5.6	5.6	5.8	6	5.8	6	6.4	6.1	6.2	6.7	6.4	6.4	
135				4.9			5.4	5.5	5.7	5.8	5.7	5.9	6.2	6	6.1	6.5	6.3	6.2	
140							5.2	5.3		5.6	5.6	5.8	6	5.9	6	6.4	6.1	6.1	
145							5	5.1		5.5	5.5	5.8	5.8	5.7	5.9	6.2	6	6.1	
150							4.9			5.3	5.4		5.7	5.6	5.8	6	5.9	6	
155										5.1	5.3		5.6	5.5	5.8	5.9	5.8	5.9	
160										5	5.1		5.4	5.5	5.7	5.8	5.7	5.8	
165										4.9			5.2	5.3		5.6	5.6	5.8	
170													5.1	5.2		5.5	5.5	5.8	
175													4.9	5.1		5.3	5.4		
180													4.9			5.2	5.3		
185																5.1	5.2		
190																4.9	5.1		
195																4.9			

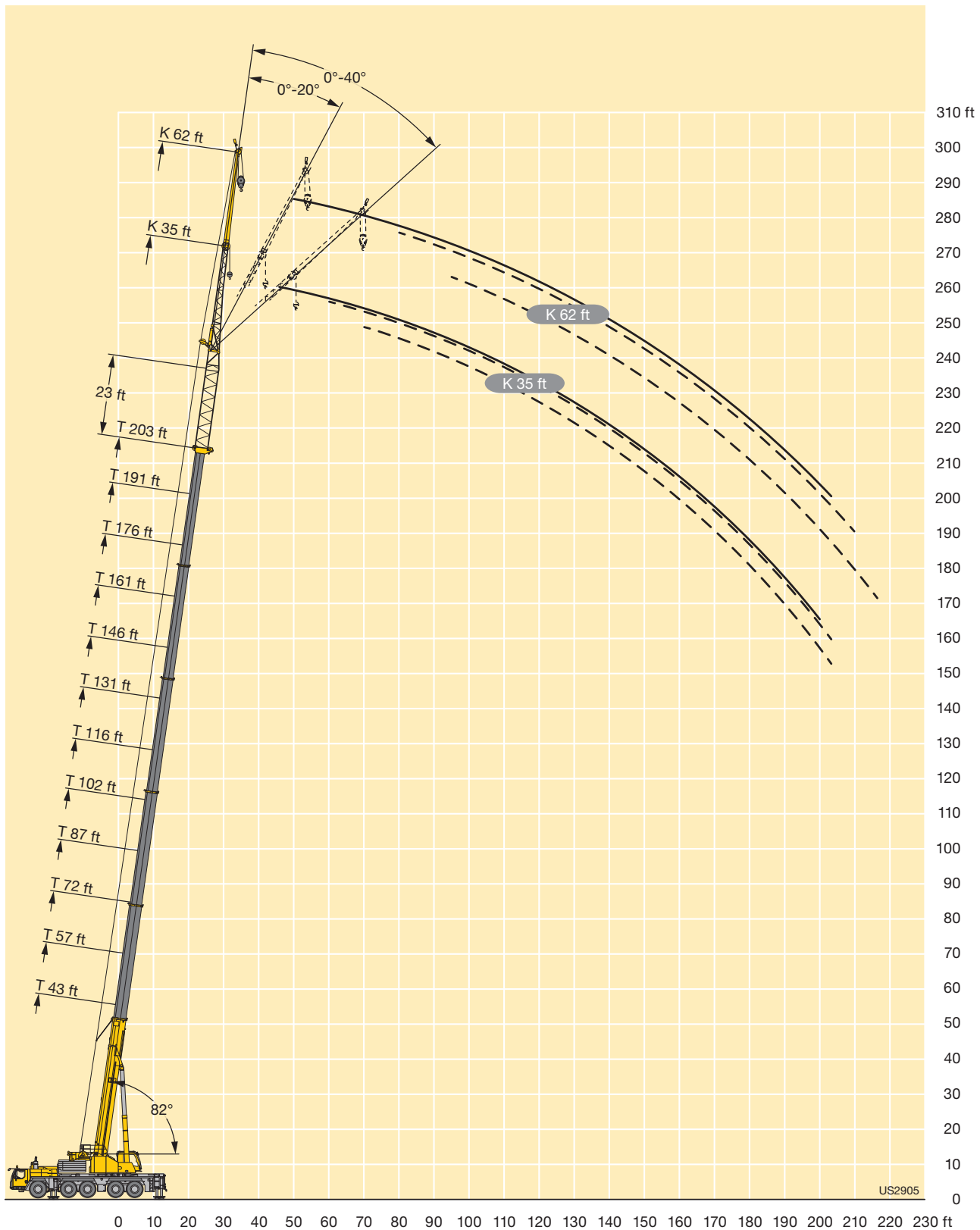
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Lifting capacities Forces de levage

TVNZK

43-203 ft T 23 ft V 62 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 23 ft			146 ft + 23 ft			161 ft + 23 ft			176 ft + 23 ft			191 ft + 23 ft			203 ft + 23 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
30	11																		30
32	11																		32
34	11			10.7															34
36	10.9			10.8			10.6												36
38	10.9			11			10.7												38
40	10.9			10.9			10.7												40
45	10.8			10.9			10.6			9.7			8.3						45
50	10.7			10.8			10.5			9.6			8.4			7.2			50
55	10.6	10		10.7			10.4			9.5			8.4			7.4			55
60	10.4	9.8		10.5	9.8		10.3			9.4			8.4			7.4			60
65	10.2	9.5		10.4	9.6		10.2	9.3		9.4			8.3			7.4			65
70	10	9.2	8.1	10.2	9.4		10.1	9.1		9.3	8.8		8.2			7.3			70
75	9.7	8.9	8	10	9.1	7.9	10	9		9.2	8.6		8.2	8.1		7.3			75
80	9.5	8.7	7.9	9.8	8.9	7.8	9.8	8.8	7.8	9.1	8.5		8.1	8		7.3	7.4		80
85	9.2	8.4	7.8	9.5	8.7	7.8	9.6	8.7	7.7	9	8.4	7.6	8	7.8		7.2	7.3		85
90	8.9	8.2	7.7	9.2	8.4	7.7	9.4	8.5	7.6	8.8	8.2	7.5	8	7.7	7.2	7.2	7.2		90
95	8.7	8	7.6	9	8.2	7.6	9.2	8.3	7.5	8.7	8	7.4	7.9	7.6	7.1	7.1	7.1	6.8	95
100	8.4	7.8	7.4	8.7	8	7.5	9	8.2	7.5	8.5	7.9	7.3	7.8	7.4	7.1	7.1	6.9	6.7	100
105	8.2	7.6	7.2	8.5	7.8	7.4	8.8	8	7.4	8.4	7.7	7.3	7.7	7.3	6.9	7	6.8	6.6	105
110	7.9	7.4	7.1	8.3	7.6	7.3	8.6	7.8	7.3	8.2	7.5	7.1	7.6	7.1	6.8	6.9	6.7	6.5	110
115	7.7	7.2	6.9	8.1	7.5	7.1	8.4	7.6	7.2	8	7.4	7	7.4	7	6.7	6.8	6.6	6.4	115
120	7.5	7	6.8	7.9	7.3	7	8.1	7.4	7.1	7.8	7.2	6.9	7.3	6.9	6.6	6.6	6.5	6.3	120
125	7.3	6.9	6.7	7.7	7.1	6.9	7.9	7.3	7	7.6	7.1	6.8	7.2	6.7	6.5	6.5	6.4	6.2	125
130	7.1	6.7	6.6	7.5	7	6.7	7.7	7.1	6.8	7.5	7	6.7	7.1	6.6	6.4	6.4	6.3	6.1	130
135	6.9	6.6	6.4	7.3	6.8	6.6	7.5	7	6.7	7.3	6.8	6.6	6.9	6.5	6.3	6.2	6.2	6.1	135
140	6.7	6.4	6.3	7.1	6.7	6.5	7.4	6.8	6.6	7.2	6.7	6.5	6.8	6.4	6.2	6.1	6	6	140
145	6.6	6.2	6.2	6.9	6.5	6.4	7.2	6.7	6.5	7	6.5	6.4	6.7	6.2	6.1	5.9	5.9	5.9	145
150	6.4	6.1	6.1	6.7	6.4	6.3	7	6.5	6.4	6.8	6.4	6.3	6.5	6.1	6	5.8	5.8	5.8	150
155	6.2	6	6	6.6	6.2	6.2	6.8	6.4	6.3	6.7	6.3	6.2	6.4	6	6	5.6	5.6	5.7	155
160	6.1	5.9	6	6.4	6.1	6.1	6.7	6.3	6.2	6.5	6.2	6.1	6.3	5.9	5.9	5.5	5.5	5.6	160
165	6	5.8	5.9	6.3	6	6	6.5	6.2	6.1	6.4	6.1	6	6.1	5.9	5.8	5.4	5.3	5.4	165
170	5.8	5.7	5.9	6.1	5.9	6	6.4	6	6	6.3	5.9	5.9	6	5.8	5.8	5.2	5.2	5.3	170
175	5.7	5.6	5.8	6	5.8	5.9	6.2	5.9	5.9	6.1	5.9	5.9	5.9	5.7	5.7	5.1	5.1	5.2	175
180	5.6	5.5	5.8	5.9	5.7	5.9	6.1	5.8	5.9	6	5.8	5.8	5.8	5.6	5.6	4.9	5	5.1	180
185	5.5	5.5		5.7	5.6	5.8	6	5.7	5.8	5.9	5.7	5.8	5.7	5.5	5.6	4.8	4.8	4.9	185
190	5.3	5.3		5.6	5.5	5.8	5.9	5.7	5.8	5.8	5.6	5.7	5.6	5.4	5.5	4.6	4.7	4.8	190
195	5.2	5.2		5.5	5.5	5.7	5.7	5.6	5.8	5.7	5.5	5.7	5.5	5.4	5.5	4.4	4.6	4.7	195
200	5	5.1		5.4	5.4		5.6	5.5	5.7	5.5	5.4	5.6	5.3	5.3	5.5	3.5	4.5	4.6	200
205	4.9	5.1		5.3	5.3		5.5	5.4	5.7	5.4	5.3	5.5	4.7	5.2	5.4		4.3	4.5	205
210	4.8			5.1	5.2		5.4	5.3		5.3	5.2	5.5	3.5	5.1	5.4		3.6	4.3	210
215				5	5.1		5.1	5.3		5	5.2	5.5	2.4	4.3	5			3.6	215
220				4.9	5.1		5	5.1		4.5	5	5.2		3.1	4				220
225				2.2			4.9	5		3.5	4.5			1.8	2.6				225
230							4.7	4.8		2.5	3.6								230
235							4.4				2.5								235

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Lifting capacities Forces de levage

TVNZK

43–203 ft T 46 ft V 35 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft + 46 ft			57 ft + 46 ft			72 ft + 46 ft			87 ft + 46 ft			102 ft + 46 ft			116 ft + 46 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	12.4			12.5															17
18	12.4			12.5			12.5												18
19	12.3			12.5			12.5												19
20	12.2			12.4			12.5			12.5									20
22	12.1			12.3			12.4			12.5									22
24	11.9			12.2			12.3			12.5			12.5						24
26	11.8	11.8		12			12.2			12.4			12.5			12.5			26
28	11.6	11.8		11.9	11.8		12.1			12.3			12.4			12.5			28
30	11.3	11.5		11.8	11.8		12	11.8		12.2			12.3			12.4			30
32	11.1	11.2		11.6	11.6		11.9	11.8		12.1	11.8		12.2			12.4			32
34	10.8	10.8	10.5	11.4	11.3		11.8	11.7		12	11.8		12.1			12.3			34
36	10.6	10.6	10.5	11.1	11.1	10.5	11.6	11.5		11.9	11.8		12	11.8		12.2			36
38	10.3	10.3	10.3	10.9	10.8	10.5	11.4	11.2	10.5	11.8	11.6		11.9	11.8		12.1	11.8		38
40	10.1	10	10.1	10.7	10.5	10.4	11.2	11	10.5	11.6	11.4		11.8	11.7		12	11.8		40
45	9.5	9.4	9.5	10.1	9.9	9.9	10.7	10.4	10.2	11.1	10.8	10.5	11.5	11.2	10.5	11.8	11.5		45
50	8.9	8.8	8.9	9.6	9.4	9.3	10.2	9.9	9.7	10.7	10.3	10	11.1	10.7	10.3	11.4	11	10.5	50
55	8.4	8.3	8.4	9	8.9	8.9	9.7	9.4	9.3	10.2	9.8	9.6	10.7	10.2	9.9	11	10.6	10.2	55
60	7.9	7.9	7.9	8.6	8.4	8.4	9.2	8.9	8.8	9.7	9.4	9.2	10.2	9.8	9.5	10.6	10.1	9.8	60
65	7.5	7.5	7.5	8.1	8	8	8.7	8.5	8.4	9.3	9	8.8	9.8	9.4	9.1	10.2	9.7	9.4	65
70	7.1	7.1	7.2	7.7	7.6	7.7	8.3	8.1	8.1	8.9	8.6	8.5	9.4	9	8.8	9.9	9.4	9.1	70
75	6.7	6.7	6.8	7.4	7.3	7.3	8	7.8	7.7	8.5	8.2	8.1	9	8.6	8.5	9.5	9	8.8	75
80	6.4	6.4	6.5	7	6.9	7	7.6	7.4	7.4	8.2	7.9	7.8	8.6	8.3	8.2	9.1	8.7	8.5	80
85	6	6.1	6.1	6.7	6.6	6.7	7.3	7.1	7.1	7.8	7.6	7.5	8.3	8	7.9	8.8	8.4	8.2	85
90	5.7	5.7	5.9	6.4	6.3	6.4	7	6.8	6.9	7.5	7.3	7.2	8	7.7	7.6	8.5	8.1	7.9	90
95	5.5	5.5	5.6	6.1	6.1	6.1	6.7	6.6	6.6	7.2	7	7	7.7	7.4	7.3	8.2	7.8	7.7	95
100	5.2	5.3	5.4	5.8	5.8	5.9	6.4	6.3	6.3	6.9	6.8	6.7	7.4	7.2	7.1	7.9	7.6	7.4	100
105	5	5.1	5.2	5.6	5.5	5.6	6.1	6.1	6.1	6.6	6.5	6.5	7.1	6.9	6.9	7.6	7.3	7.2	105
110	4.8	4.9	5.2	5.3	5.3	5.5	5.9	5.8	5.9	6.4	6.3	6.3	6.9	6.7	6.7	7.3	7.1	7	110
115	4.6	4.6		5.1	5.2		5.6	5.6	5.7	6.1	6.1	6.1	6.6	6.5	6.4	7.1	6.8	6.8	115
120				4.9	5		5.4	5.4	5.5	5.9	5.8	5.9	6.4	6.2	6.2	6.8	6.6	6.6	120
125				4.7	4.8		5.2	5.2		5.7	5.6	5.7	6.2	6.1	6.1	6.6	6.4	6.4	125
130				4.5			5.1	5.1		5.5	5.5	5.5	5.9	5.8	5.9	6.4	6.2	6.2	130
135							4.9	4.9		5.3	5.3		5.8	5.6	5.7	6.2	6.1	6	135
140							4.7	4.8		5.2	5.1		5.6	5.5	5.6	6	5.9	5.9	140
145							4.5			5	5		5.4	5.4	5.4	5.8	5.7	5.7	145
150										4.8	4.9		5.2	5.2		5.6	5.5	5.6	150
155										4.7	4.7		5.1	5.1		5.5	5.4	5.5	155
160										4.5			4.9	5		5.3	5.3		160
165													4.8	4.8		5.2	5.1		165
170													4.6	4.7		5	5		170
175													4.5			4.9	4.9		175
180																4.7	4.8		180
185																4.6			185
190																4.5			190

t_253_003_50409_00_000

Lifting capacities Forces de levage

TVNZK

43-203 ft T 46 ft V 35 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 46 ft			146 ft + 46 ft			161 ft + 46 ft			176 ft + 46 ft			191 ft + 46 ft			203 ft + 46 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
30	12.5																		30
32	12.5																		32
34	12.4			12.5															34
36	12.3			12.4			12.4												36
38	12.2			12.4			12.3												38
40	12.1			12.3			12.3			10.7									40
45	11.9	11.7		12.1			12.1			10.6			8.9						45
50	11.7	11.3		11.9	11.6		11.9	11.8		10.5			9			7.4			50
55	11.4	10.9	10.4	11.6	11.2	10.5	11.8	11.4		10.4	10.4		8.9			7.6			55
60	11	10.5	10	11.3	10.8	10.3	11.5	11	10.4	10.3	10.1		8.8	8.9		7.6			60
65	10.6	10.1	9.7	11	10.4	9.9	11.3	10.7	10.1	10.1	9.9	9.5	8.7	8.8		7.6	7.7		65
70	10.3	9.7	9.4	10.6	10	9.6	10.9	10.3	9.8	9.9	9.6	9.3	8.6	8.6	8.5	7.5	7.6		70
75	9.9	9.4	9.1	10.3	9.7	9.3	10.6	10	9.5	9.7	9.4	9	8.5	8.5	8.3	7.5	7.5	7.5	75
80	9.5	9	8.8	9.9	9.4	9	10.3	9.6	9.3	9.6	9.1	8.8	8.4	8.3	8.1	7.4	7.5	7.4	80
85	9.2	8.7	8.5	9.6	9	8.7	10	9.3	9	9.3	8.9	8.5	8.3	8.1	7.9	7.3	7.4	7.3	85
90	8.9	8.4	8.2	9.3	8.7	8.5	9.7	9.1	8.7	9.1	8.6	8.3	8.2	7.9	7.7	7.3	7.2	7.1	90
95	8.6	8.2	8	9	8.5	8.2	9.3	8.8	8.5	8.8	8.4	8.1	8	7.7	7.5	7.2	7.1	7	95
100	8.3	7.9	7.7	8.7	8.2	8	9	8.5	8.2	8.6	8.1	7.9	7.9	7.5	7.3	7.1	6.9	6.8	100
105	8	7.7	7.5	8.4	8	7.8	8.8	8.3	8	8.3	7.9	7.7	7.7	7.3	7.2	7	6.8	6.7	105
110	7.8	7.4	7.3	8.2	7.8	7.6	8.5	8	7.8	8.1	7.7	7.5	7.5	7.2	7	6.8	6.7	6.6	110
115	7.5	7.2	7.1	7.9	7.5	7.4	8.2	7.8	7.6	7.9	7.5	7.3	7.3	7	6.9	6.6	6.5	6.5	115
120	7.3	7	6.9	7.7	7.3	7.2	8	7.6	7.4	7.7	7.3	7.2	7.1	6.9	6.7	6.4	6.4	6.3	120
125	7	6.8	6.7	7.4	7.1	7	7.8	7.4	7.2	7.5	7.1	7	7	6.7	6.6	6.3	6.2	6.2	125
130	6.8	6.6	6.5	7.2	6.9	6.8	7.6	7.2	7	7.3	7	6.8	6.8	6.5	6.4	6.1	6.1	6.1	130
135	6.6	6.4	6.4	7	6.7	6.6	7.3	7	6.9	7.1	6.8	6.7	6.6	6.4	6.3	6	5.9	5.9	135
140	6.4	6.2	6.2	6.8	6.5	6.5	7.1	6.8	6.7	6.9	6.6	6.5	6.5	6.3	6.2	5.8	5.7	5.8	140
145	6.2	6.1	6	6.6	6.4	6.3	6.9	6.6	6.5	6.7	6.5	6.4	6.3	6.1	6	5.6	5.6	5.6	145
150	6	5.9	5.9	6.4	6.2	6.2	6.7	6.5	6.4	6.5	6.3	6.2	6.2	6	5.9	5.5	5.4	5.5	150
155	5.8	5.7	5.7	6.2	6.1	6	6.5	6.3	6.2	6.4	6.2	6.1	6	5.9	5.8	5.3	5.3	5.3	155
160	5.7	5.6	5.6	6	5.9	5.9	6.3	6.1	6.1	6.2	6	6	5.9	5.7	5.7	5.1	5.1	5.2	160
165	5.5	5.4	5.5	5.9	5.7	5.8	6.2	6	5.9	6.1	5.9	5.8	5.8	5.6	5.6	5	5	5	165
170	5.4	5.3		5.7	5.6	5.6	6	5.8	5.8	5.9	5.7	5.7	5.7	5.5	5.5	4.8	4.8	4.9	170
175	5.3	5.2		5.6	5.5	5.5	5.9	5.7	5.7	5.8	5.6	5.6	5.5	5.4	5.4	4.7	4.7	4.8	175
180	5.1	5.1		5.4	5.4	5.4	5.7	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.3	4.5	4.6	4.6	180
185	5	5		5.3	5.2		5.6	5.4	5.5	5.5	5.4	5.4	5.3	5.2	5.2	4.3	4.4	4.5	185
190	4.8	4.9		5.2	5.1		5.4	5.3	5.4	5.4	5.3	5.3	5.2	5.1	5.1	3.8	4.3	4.4	190
195	4.7	4.8		5.1	5.1		5.3	5.2		5.3	5.2	5.2	4.9	5	5.1		3.8	4.2	195
200	4.6			4.9	5		5.2	5.1		5.2	5.1	5.2	3.7	4.7	4.9			3.5	200
205	4.5			4.8	4.8		5	5		5	5		2.3	3.7	4.4				205
210				4.7	4.7		5	4.9		4.3	4.8				3				210
215				4.6			4.9	4.9		3.3	4.1								215
220				4.1			4.5	4.8		2.2	3								220
225							4.2	4.4			1.8								225
230							3.3												230
235							1.9												235

t_253_003_50409_00_000

Lifting capacities Forces de levage

TVNZK

43–203 ft 46 ft 35 ft 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
	43 ft + 46 ft			57 ft + 46 ft			72 ft + 46 ft			87 ft + 46 ft			102 ft + 46 ft			116 ft + 46 ft			
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	12.4			12.5			12.5												17
18	12.4			12.5			12.5												18
19	12.3			12.5			12.5												19
20	12.2			12.4			12.5			12.5									20
22	12.1			12.3			12.4			12.5									22
24	11.9			12.2			12.3			12.5			12.5						24
26	11.8	11.8		12			12.2			12.4			12.5			12.5			26
28	11.6	11.8		11.9	11.8		12.1			12.3			12.4			12.5			28
30	11.3	11.5		11.8	11.8		12	11.8		12.2			12.3			12.4			30
32	11.1	11.2		11.6	11.6		11.9	11.8		12.1	11.8		12.2			12.4			32
34	10.8	10.8	10.5	11.4	11.3		11.8	11.7		12	11.8		12.1			12.3			34
36	10.6	10.6	10.5	11.1	11.1	10.5	11.6	11.5		11.9	11.8		12	11.8		12.2			36
38	10.3	10.3	10.3	10.9	10.8	10.5	11.4	11.2	10.5	11.8	11.6		11.9	11.8		12.1	11.8		38
40	10.1	10	10.1	10.7	10.5	10.4	11.2	11	10.5	11.6	11.4		11.8	11.7		12	11.8		40
45	9.5	9.4	9.5	10.1	9.9	9.9	10.7	10.4	10.2	11.1	10.8	10.5	11.5	11.2	10.5	11.8	11.5		45
50	8.9	8.8	8.9	9.6	9.4	9.3	10.2	9.9	9.7	10.7	10.3	10	11.1	10.7	10.3	11.4	11	10.5	50
55	8.4	8.3	8.4	9	8.9	8.9	9.7	9.4	9.3	10.2	9.8	9.6	10.7	10.2	9.9	11	10.6	10.2	55
60	7.9	7.9	7.9	8.6	8.4	8.4	9.2	8.9	8.8	9.7	9.4	9.2	10.2	9.8	9.5	10.6	10.1	9.8	60
65	7.5	7.5	7.5	8.1	8	8	8.7	8.5	8.4	9.3	9	8.8	9.8	9.4	9.1	10.2	9.7	9.4	65
70	7.1	7.1	7.2	7.7	7.6	7.7	8.3	8.1	8.1	8.9	8.6	8.5	9.4	9	8.8	9.9	9.4	9.1	70
75	6.7	6.7	6.8	7.4	7.3	7.3	8	7.8	7.7	8.5	8.2	8.1	9	8.6	8.5	9.5	9	8.8	75
80	6.4	6.4	6.5	7	6.9	7	7.6	7.4	7.4	8.2	7.9	7.8	8.6	8.3	8.2	9.1	8.7	8.5	80
85	6	6.1	6.1	6.7	6.6	6.7	7.3	7.1	7.1	7.8	7.6	7.5	8.3	8	7.9	8.8	8.4	8.2	85
90	5.7	5.7	5.9	6.4	6.3	6.4	7	6.8	6.9	7.5	7.3	7.2	8	7.7	7.6	8.5	8.1	7.9	90
95	5.5	5.5	5.6	6.1	6.1	6.1	6.7	6.6	6.6	7.2	7	7	7.7	7.4	7.3	8.2	7.8	7.7	95
100	5.2	5.3	5.4	5.8	5.8	5.9	6.4	6.3	6.3	6.9	6.8	6.7	7.4	7.2	7.1	7.9	7.6	7.4	100
105	5	5.1	5.2	5.6	5.5	5.6	6.1	6.1	6.1	6.6	6.5	6.5	7.1	6.9	6.9	7.6	7.3	7.2	105
110	4.8	4.9	5.2	5.3	5.3	5.5	5.9	5.8	5.9	6.4	6.3	6.3	6.9	6.7	6.7	7.3	7.1	7	110
115	4.6	4.6		5.1	5.2		5.6	5.6	5.7	6.1	6.1	6.1	6.6	6.5	6.4	7.1	6.8	6.8	115
120				4.9	5		5.4	5.4	5.5	5.9	5.8	5.9	6.4	6.2	6.2	6.8	6.6	6.6	120
125				4.7	4.8		5.2	5.2		5.7	5.6	5.7	6.2	6.1	6.1	6.6	6.4	6.4	125
130				4.5			5.1	5.1		5.5	5.5	5.5	5.9	5.8	5.9	6.4	6.2	6.2	130
135							4.9	4.9		5.3	5.3		5.8	5.6	5.7	6.2	6.1	6	135
140							4.7	4.8		5.2	5.1		5.6	5.5	5.6	6	5.9	5.9	140
145							4.5			5	5		5.4	5.4	5.4	5.8	5.7	5.7	145
150										4.8	4.9		5.2	5.2		5.6	5.5	5.6	150
155										4.7	4.7		5.1	5.1		5.5	5.4	5.5	155
160										4.5			4.9	5		5.3	5.3		160
165													4.8	4.8		5.2	5.1		165
170													4.6	4.7		5	5		170
175													4.5			4.9	4.9		175
180																4.7	4.8		180
185																4.6			185
190																4.5			190

t_253_003_50133_00_000

Lifting capacities Forces de levage

TVNZK

43–203 ft T 46 ft V 35 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 46 ft			146 ft + 46 ft			161 ft + 46 ft			176 ft + 46 ft			191 ft + 46 ft			203 ft + 46 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
30	12.5																	30	
32	12.5																	32	
34	12.4			12.5														34	
36	12.3			12.4			12.4											36	
38	12.2			12.4			12.3											38	
40	12.1			12.3			12.3			10.7								40	
45	11.9	11.7		12.1			12.1			10.6			8.9					45	
50	11.7	11.3		11.9	11.6		11.9	11.8		10.5			9			7.4		50	
55	11.4	10.9	10.4	11.6	11.2	10.5	11.8	11.4		10.4	10.4		8.9			7.6		55	
60	11	10.5	10	11.3	10.8	10.3	11.5	11	10.4	10.3	10.1		8.8	8.9		7.6		60	
65	10.6	10.1	9.7	11	10.4	9.9	11.3	10.7	10.1	10.1	9.9	9.5	8.7	8.8		7.6	7.7	65	
70	10.3	9.7	9.4	10.6	10	9.6	10.9	10.3	9.8	9.9	9.6	9.3	8.6	8.6	8.5	7.5	7.6	70	
75	9.9	9.4	9.1	10.3	9.7	9.3	10.6	10	9.5	9.7	9.4	9	8.5	8.5	8.3	7.5	7.5	7.5	75
80	9.5	9	8.8	9.9	9.4	9	10.3	9.6	9.3	9.6	9.1	8.8	8.4	8.3	8.1	7.4	7.5	7.4	80
85	9.2	8.7	8.5	9.6	9	8.7	10	9.3	9	9.3	8.9	8.5	8.3	8.1	7.9	7.3	7.4	7.3	85
90	8.9	8.4	8.2	9.3	8.7	8.5	9.7	9.1	8.7	9.1	8.6	8.3	8.2	7.9	7.7	7.3	7.2	7.1	90
95	8.6	8.2	8	9	8.5	8.2	9.3	8.8	8.5	8.8	8.4	8.1	8	7.7	7.5	7.2	7.1	7	95
100	8.3	7.9	7.7	8.7	8.2	8	9	8.5	8.2	8.6	8.1	7.9	7.9	7.5	7.3	7.1	6.9	6.8	100
105	8	7.7	7.5	8.4	8	7.8	8.8	8.3	8	8.3	7.9	7.7	7.7	7.3	7.2	7	6.8	6.7	105
110	7.8	7.4	7.3	8.2	7.8	7.6	8.5	8	7.8	8.1	7.7	7.5	7.5	7.2	7	6.8	6.7	6.6	110
115	7.5	7.2	7.1	7.9	7.5	7.4	8.2	7.8	7.6	7.9	7.5	7.3	7.3	7	6.9	6.6	6.5	6.5	115
120	7.3	7	6.9	7.7	7.3	7.2	8	7.6	7.4	7.7	7.3	7.2	7.1	6.9	6.7	6.4	6.4	6.3	120
125	7	6.8	6.7	7.4	7.1	7	7.8	7.4	7.2	7.5	7.1	7	7	6.7	6.6	6.3	6.2	6.2	125
130	6.8	6.6	6.5	7.2	6.9	6.8	7.6	7.2	7	7.3	7	6.8	6.8	6.5	6.4	6.1	6.1	6.1	130
135	6.6	6.4	6.4	7	6.7	6.6	7.3	7	6.9	7.1	6.8	6.7	6.6	6.4	6.3	6	5.9	5.9	135
140	6.4	6.2	6.2	6.8	6.5	6.5	7.1	6.8	6.7	6.9	6.6	6.5	6.5	6.3	6.2	5.8	5.7	5.8	140
145	6.2	6.1	6	6.6	6.4	6.3	6.9	6.6	6.5	6.7	6.5	6.4	6.3	6.1	6	5.6	5.6	5.6	145
150	6	5.9	5.9	6.4	6.2	6.2	6.7	6.5	6.4	6.5	6.3	6.2	6.2	6	5.9	5.5	5.4	5.5	150
155	5.8	5.7	5.7	6.2	6.1	6	6.5	6.3	6.2	6.4	6.2	6.1	6	5.9	5.8	5.3	5.3	5.3	155
160	5.7	5.6	5.6	6	5.9	5.9	6.3	6.1	6.1	6.2	6	6	5.9	5.7	5.7	5.1	5.1	5.2	160
165	5.5	5.4	5.5	5.9	5.7	5.8	6.2	6	5.9	6.1	5.9	5.8	5.8	5.6	5.6	5	5	5	165
170	5.4	5.3		5.7	5.6	5.6	6	5.8	5.8	5.9	5.7	5.7	5.7	5.5	5.5	4.8	4.8	4.9	170
175	5.3	5.2		5.6	5.5	5.5	5.9	5.7	5.7	5.8	5.6	5.6	5.5	5.4	5.4	4.7	4.7	4.8	175
180	5.1	5.1		5.4	5.4	5.4	5.7	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.3	4.5	4.6	4.6	180
185	5	5		5.3	5.2		5.6	5.4	5.5	5.5	5.4	5.4	5.3	5.2	5.2	4.3	4.4	4.5	185
190	4.8	4.9		5.2	5.1		5.4	5.3	5.4	5.4	5.3	5.3	5.1	5.1	5.1	3.4	4.3	4.4	190
195	4.7	4.8		5.1	5.1		5.3	5.2		5.2	5.2	5.2	4.4	5	5.1		3.6	4.2	195
200	4.6			4.9	5		5.1	5.1		5.1	5	5.1	3.2	4.3	4.8			3.2	200
205	4.5			4.8	4.8		5	5		4.8	4.9			3.2	3.8				205
210				4.7	4.7		4.8	4.9		4	4.6				2.5				210
215				4.6			4.7	4.7		2.8	3.7								215
220				4.1			4.5	4.6			2.5								220
225							3.8	4.2											225
230							2.8												230
235							1.8												235

t_253_003_50133_00_000

Lifting capacities Forces de levage

TVNZK

43-203 ft T 46 ft V 62 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft + 46 ft			57 ft + 46 ft			72 ft + 46 ft			87 ft + 46 ft			102 ft + 46 ft			116 ft + 46 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	8.4																		17
18	8.4																		18
19	8.4			8.4															19
20	8.4			8.4															20
22	8.4			8.4			8.4												22
24	8.3			8.4			8.4			8.4									24
26	8.3			8.3			8.4			8.4									26
28	8.2			8.3			8.4			8.4			8.4						28
30	8.1			8.2						8.4			8.4			8.4			30
32	8.1			8.2						8.3			8.4			8.4			32
34	8			8.1						8.3			8.4			8.4			34
36	7.9			8.1						8.3			8.3			8.4			36
38	7.8			8						8.2			8.3			8.3			38
40	7.7	7.7		7.9						8.2			8.2			8.3			40
45	7.4	7.5		7.6	7.6		7.9	7.7		8			8.1			8.2			45
50	7	7.1		7.4	7.4		7.6	7.6		7.8	7.7		8	7.7		8.1			50
55	6.6	6.7	6.5	7	7		7.4	7.3		7.6	7.5		7.8	7.6		8	7.7		55
60	6.3	6.4	6.5	6.7	6.7	6.5	7.1	6.9	6.5	7.4	7.2		7.6	7.4		7.8	7.6		60
65	5.9	6	6.2	6.4	6.4	6.4	6.8	6.6	6.5	7.1	6.9	6.5	7.4	7.1		7.6	7.3		65
70	5.6	5.7	5.9	6.1	6.1	6.1	6.5	6.3	6.3	6.8	6.6	6.4	7.1	6.8	6.5	7.4	7	6.5	70
75	5.3	5.4	5.5	5.8	5.8	5.8	6.2	6.1	6	6.5	6.3	6.2	6.8	6.6	6.4	7.1	6.8	6.5	75
80	5	5.1	5.3	5.5	5.5	5.5	5.9	5.8	5.8	6.2	6.1	6	6.6	6.3	6.1	6.9	6.5	6.3	80
85	4.8	4.8	5	5.2	5.2	5.3	5.6	5.5	5.5	6	5.8	5.7	6.3	6.1	5.9	6.6	6.3	6.1	85
90	4.5	4.6	4.7	4.9	5	5	5.4	5.3	5.3	5.7	5.6	5.5	6.1	5.8	5.7	6.4	6.1	5.9	90
95	4.3	4.4	4.5	4.7	4.7	4.8	5.1	5	5.1	5.5	5.3	5.3	5.8	5.6	5.5	6.1	5.9	5.7	95
100	4.1	4.2	4.3	4.5	4.5	4.6	4.9	4.8	4.9	5.3	5.1	5.1	5.6	5.4	5.3	5.9	5.7	5.5	100
105	3.9	4	4.1	4.3	4.3	4.4	4.7	4.6	4.7	5	4.9	4.9	5.4	5.2	5.1	5.7	5.5	5.3	105
110	3.7	3.8	3.9	4.1	4.1	4.2	4.5	4.4	4.5	4.8	4.7	4.7	5.2	5	5	5.5	5.3	5.2	110
115	3.6	3.6	3.8	3.9	4	4.1	4.3	4.3	4.3	4.6	4.6	4.6	5	4.8	4.8	5.3	5.1	5	115
120	3.4	3.5	3.6	3.8	3.8	3.9	4.1	4.1	4.2	4.5	4.4	4.4	4.8	4.7	4.6	5.1	4.9	4.8	120
125	3.3	3.3	3.5	3.6	3.6	3.8	4	3.9	4	4.3	4.2	4.3	4.6	4.5	4.5	4.9	4.7	4.7	125
130	3.1	3.2	3.4	3.5	3.5	3.6	3.8	3.8	3.9	4.1	4.1	4.1	4.4	4.3	4.3	4.7	4.6	4.6	130
135	3.1	3.1	3.4	3.3	3.4	3.5	3.7	3.7	3.8	4	3.9	4	4.3	4.2	4.2	4.6	4.4	4.4	135
140	3	3.1		3.2	3.3	3.4	3.5	3.5	3.6	3.8	3.8	3.9	4.1	4.1	4.1	4.4	4.3	4.3	140
145				3.1	3.2		3.4	3.4	3.6	3.7	3.7	3.8	4	3.9	4	4.3	4.2	4.2	145
150				3	3.1		3.3	3.3	3.5	3.6	3.6	3.7	3.9	3.8	3.9	4.1	4	4.1	150
155				3	3.1		3.2	3.2		3.5	3.4	3.6	3.7	3.7	3.8	4	3.9	4	155
160							3.1	3.1		3.3	3.3	3.5	3.6	3.6	3.7	3.9	3.8	3.9	160
165							3	3.1		3.2	3.3	3.4	3.5	3.5	3.6	3.8	3.7	3.8	165
170							3	3.1		3.1	3.2		3.4	3.4	3.5	3.7	3.6	3.7	170
175										3.1	3.1		3.3	3.3	3.4	3.5	3.5	3.6	175
180										3	3.1		3.2	3.2		3.4	3.4	3.5	180
185										3	3.1		3.1	3.1		3.3	3.3	3.5	185
190													3.1	3.1		3.2	3.2	3.4	190
195													3	3.1		3.2	3.2		195
200													3			3.1	3.1		200
205																3	3.1		205
210																3	3.1		210
215																3			215

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Lifting capacities Forces de levage

TVNZK

43–203 ft T 46 ft V 62 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 46 ft			146 ft + 46 ft			161 ft + 46 ft			176 ft + 46 ft			191 ft + 46 ft			203 ft + 46 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
34	8.4																		34
36	8.4																		36
38	8.4			7.4															38
40	8.4			7.6															40
45	8.3			7.9			7.7												45
50	8.2			8.2			8			6.7									50
55	8.1			8.1			8			6.9			5.4						55
60	7.9	7.6		8.1			7.9			7			5.6			4.4			60
65	7.7	7.5		7.9	7.6		7.8			7			5.8			4.6			65
70	7.5	7.2		7.7	7.4		7.7	7.5		6.9			5.9			4.7			70
75	7.4	7	6.5	7.5	7.1		7.6	7.3		6.8	6.8		5.9			4.8			75
80	7.1	6.7	6.4	7.4	6.9	6.5	7.5	7.1		6.8	6.7		5.9	6		4.9			80
85	6.9	6.5	6.2	7.1	6.7	6.4	7.3	6.8	6.5	6.7	6.5		5.8	5.9		5	5.2		85
90	6.7	6.3	6	6.9	6.5	6.2	7.1	6.6	6.3	6.6	6.3	6	5.8	5.7		5	5.1		90
95	6.4	6.1	5.9	6.7	6.3	6	6.9	6.4	6.1	6.5	6.1	5.9	5.7	5.6	5.4	5	5.1		95
100	6.2	5.9	5.7	6.5	6.1	5.8	6.7	6.3	6	6.3	5.9	5.7	5.7	5.5	5.3	4.9	5	4.9	100
105	6	5.7	5.5	6.3	5.9	5.7	6.5	6.1	5.8	6.2	5.8	5.6	5.6	5.4	5.2	4.9	4.9	4.8	105
110	5.8	5.5	5.4	6.1	5.7	5.5	6.3	5.9	5.6	6	5.6	5.4	5.5	5.2	5.1	4.9	4.8	4.7	110
115	5.6	5.3	5.2	5.9	5.5	5.4	6.1	5.7	5.5	5.8	5.5	5.3	5.4	5.1	4.9	4.8	4.7	4.6	115
120	5.4	5.1	5	5.7	5.4	5.2	5.9	5.5	5.3	5.6	5.3	5.1	5.2	4.9	4.8	4.7	4.6	4.5	120
125	5.2	5	4.9	5.5	5.2	5.1	5.7	5.4	5.2	5.5	5.2	5	5.1	4.8	4.7	4.6	4.5	4.4	125
130	5	4.8	4.7	5.3	5	4.9	5.5	5.2	5.1	5.3	5	4.9	5	4.7	4.6	4.5	4.4	4.3	130
135	4.9	4.7	4.6	5.1	4.9	4.8	5.4	5.1	4.9	5.2	4.9	4.8	4.8	4.6	4.5	4.5	4.3	4.2	135
140	4.7	4.5	4.5	5	4.7	4.7	5.2	4.9	4.8	5	4.8	4.6	4.7	4.5	4.4	4.4	4.2	4.1	140
145	4.6	4.4	4.4	4.8	4.6	4.5	5	4.8	4.7	4.9	4.6	4.5	4.6	4.4	4.3	4.3	4.1	4.1	145
150	4.4	4.3	4.2	4.7	4.5	4.4	4.9	4.6	4.5	4.7	4.5	4.4	4.5	4.3	4.2	4.2	4	4	150
155	4.3	4.1	4.1	4.5	4.4	4.3	4.7	4.5	4.4	4.6	4.4	4.3	4.4	4.2	4.1	4.1	3.9	3.9	155
160	4.1	4	4	4.4	4.2	4.2	4.6	4.4	4.3	4.5	4.3	4.2	4.2	4.1	4	4	3.9	3.8	160
165	4	3.9	3.9	4.3	4.1	4.1	4.5	4.3	4.2	4.3	4.2	4.1	4.1	4	3.9	3.9	3.8	3.8	165
170	3.9	3.8	3.8	4.1	4	4	4.3	4.2	4.1	4.2	4.1	4	4	3.9	3.9	3.8	3.7	3.7	170
175	3.8	3.7	3.8	4	3.9	3.9	4.2	4	4	4.1	4	3.9	3.9	3.8	3.8	3.7	3.6	3.6	175
180	3.7	3.6	3.7	3.9	3.8	3.8	4.1	3.9	4	4	3.9	3.9	3.8	3.7	3.7	3.6	3.5	3.6	180
185	3.6	3.5	3.6	3.8	3.7	3.8	4	3.8	3.9	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.5	185
190	3.5	3.4	3.5	3.7	3.6	3.7	3.9	3.7	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.4	3.4	190
195	3.4	3.4	3.5	3.6	3.5	3.6	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5		3.3	3.4	195
200	3.3	3.3	3.4	3.5	3.5	3.6	3.7	3.6	3.6	3.6	3.5	3.6	3.5	3.4	3.5		3.2	3.3	200
205	3.2	3.2		3.4	3.4	3.5	3.6	3.5	3.6	3.5	3.4	3.5	2.9	3.3	3.4		3.1	3.3	205
210	3.1	3.2		3.3	3.3	3.4	3.5	3.4	3.5	3.5	3.4	3.5		3.3	3.3			3.1	210
215	3.1	3.1		3.3	3.2	3.4	3.4	3.3	3.4	3.3	3.3	3.4			3.3			2.8	215
220	3	3.1		3.2	3.2		3.3	3.3	3.4	2.8	3.3	3.3							220
225	3	3.1		3.1	3.1		3.2	3.2	3.4		3.1	3.3							225
230	3			3.1	3.1		3.1	3.2			2.4	2.9							230
235				3	3.1		2.8	3				1.8							235
240				3	3.1		2	2.8											240
245				3				1.9											245

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Lifting capacities Forces de levage

TVNZK

43-203 ft T 46 ft V 62 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft + 46 ft			57 ft + 46 ft			72 ft + 46 ft			87 ft + 46 ft			102 ft + 46 ft			116 ft + 46 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	8.4																		17
18	8.4																		18
19	8.4			8.4															19
20	8.4			8.4															20
22	8.4			8.4			8.4												22
24	8.3			8.4			8.4			8.4									24
26	8.3			8.3			8.4			8.4									26
28	8.2			8.3			8.4			8.4			8.4						28
30	8.1			8.2			8.3			8.4			8.4			8.4			30
32	8.1			8.2			8.3			8.3			8.4			8.4			32
34	8			8.1			8.2			8.3			8.4			8.4			34
36	7.9			8.1			8.2			8.3			8.3			8.4			36
38	7.8			8			8.1			8.2			8.3			8.3			38
40	7.7	7.7		7.9			8.1			8.2			8.2			8.3			40
45	7.4	7.5		7.6	7.6		7.9	7.7		8			8.1			8.2			45
50	7	7.1		7.4	7.4		7.6	7.6		7.8	7.7		8	7.7		8.1			50
55	6.6	6.7	6.5	7	7		7.4	7.3		7.6	7.5		7.8	7.6		8	7.7		55
60	6.3	6.4	6.5	6.7	6.7	6.5	7.1	6.9	6.5	7.4	7.2		7.6	7.4		7.8	7.6		60
65	5.9	6	6.2	6.4	6.4	6.4	6.8	6.6	6.5	7.1	6.9	6.5	7.4	7.1		7.6	7.3		65
70	5.6	5.7	5.9	6.1	6.1	6.1	6.5	6.3	6.3	6.8	6.6	6.4	7.1	6.8	6.5	7.4	7	6.5	70
75	5.3	5.4	5.5	5.8	5.8	5.8	6.2	6.1	6	6.5	6.3	6.2	6.8	6.6	6.4	7.1	6.8	6.5	75
80	5	5.1	5.3	5.5	5.5	5.5	5.9	5.8	5.8	6.2	6.1	6	6.6	6.3	6.1	6.9	6.5	6.3	80
85	4.8	4.8	5	5.2	5.2	5.3	5.6	5.5	5.5	6	5.8	5.7	6.3	6.1	5.9	6.6	6.3	6.1	85
90	4.5	4.6	4.7	4.9	5	5	5.4	5.3	5.3	5.7	5.6	5.5	6.1	5.8	5.7	6.4	6.1	5.9	90
95	4.3	4.4	4.5	4.7	4.7	4.8	5.1	5	5.1	5.5	5.3	5.3	5.8	5.6	5.5	6.1	5.9	5.7	95
100	4.1	4.2	4.3	4.5	4.5	4.6	4.9	4.8	4.9	5.3	5.1	5.1	5.6	5.4	5.3	5.9	5.7	5.5	100
105	3.9	4	4.1	4.3	4.3	4.4	4.7	4.6	4.7	5	4.9	4.9	5.4	5.2	5.1	5.7	5.5	5.3	105
110	3.7	3.8	3.9	4.1	4.1	4.2	4.5	4.4	4.5	4.8	4.7	4.7	5.2	5	5	5.5	5.3	5.2	110
115	3.6	3.6	3.8	3.9	4	4.1	4.3	4.3	4.3	4.6	4.6	4.6	5	4.8	4.8	5.3	5.1	5	115
120	3.4	3.5	3.6	3.8	3.8	3.9	4.1	4.1	4.2	4.5	4.4	4.4	4.8	4.7	4.6	5.1	4.9	4.8	120
125	3.3	3.3	3.5	3.6	3.6	3.8	4	3.9	4	4.3	4.2	4.3	4.6	4.5	4.5	4.9	4.7	4.7	125
130	3.1	3.2	3.4	3.5	3.5	3.6	3.8	3.8	3.9	4.1	4.1	4.1	4.4	4.3	4.3	4.7	4.6	4.6	130
135	3.1	3.1	3.4	3.3	3.4	3.5	3.7	3.7	3.8	4	3.9	4	4.3	4.2	4.2	4.6	4.4	4.4	135
140	3	3.1		3.2	3.3	3.4	3.5	3.5	3.6	3.8	3.8	3.9	4.1	4.1	4.1	4.4	4.3	4.3	140
145				3.1	3.2		3.4	3.4	3.6	3.7	3.7	3.8	4	3.9	4	4.3	4.2	4.2	145
150				3	3.1		3.3	3.3	3.5	3.6	3.6	3.7	3.9	3.8	3.9	4.1	4	4.1	150
155				3	3.1		3.2	3.2		3.5	3.4	3.6	3.7	3.7	3.8	4	3.9	4	155
160							3.1	3.1		3.3	3.3	3.5	3.6	3.6	3.7	3.9	3.8	3.9	160
165							3	3.1		3.2	3.3	3.4	3.5	3.5	3.6	3.8	3.7	3.8	165
170							3	3.1		3.1	3.2		3.4	3.4	3.5	3.7	3.6	3.7	170
175										3.1	3.1		3.3	3.3	3.4	3.5	3.5	3.6	175
180										3	3.1		3.2	3.2		3.4	3.4	3.5	180
185										3	3.1		3.1	3.1		3.3	3.3	3.5	185
190													3.1	3.1		3.2	3.2	3.4	190
195													3	3.1		3.2	3.2		195
200													3			3.1	3.1		200
205																3	3.1		205
210																3	3.1		210
215																3			215

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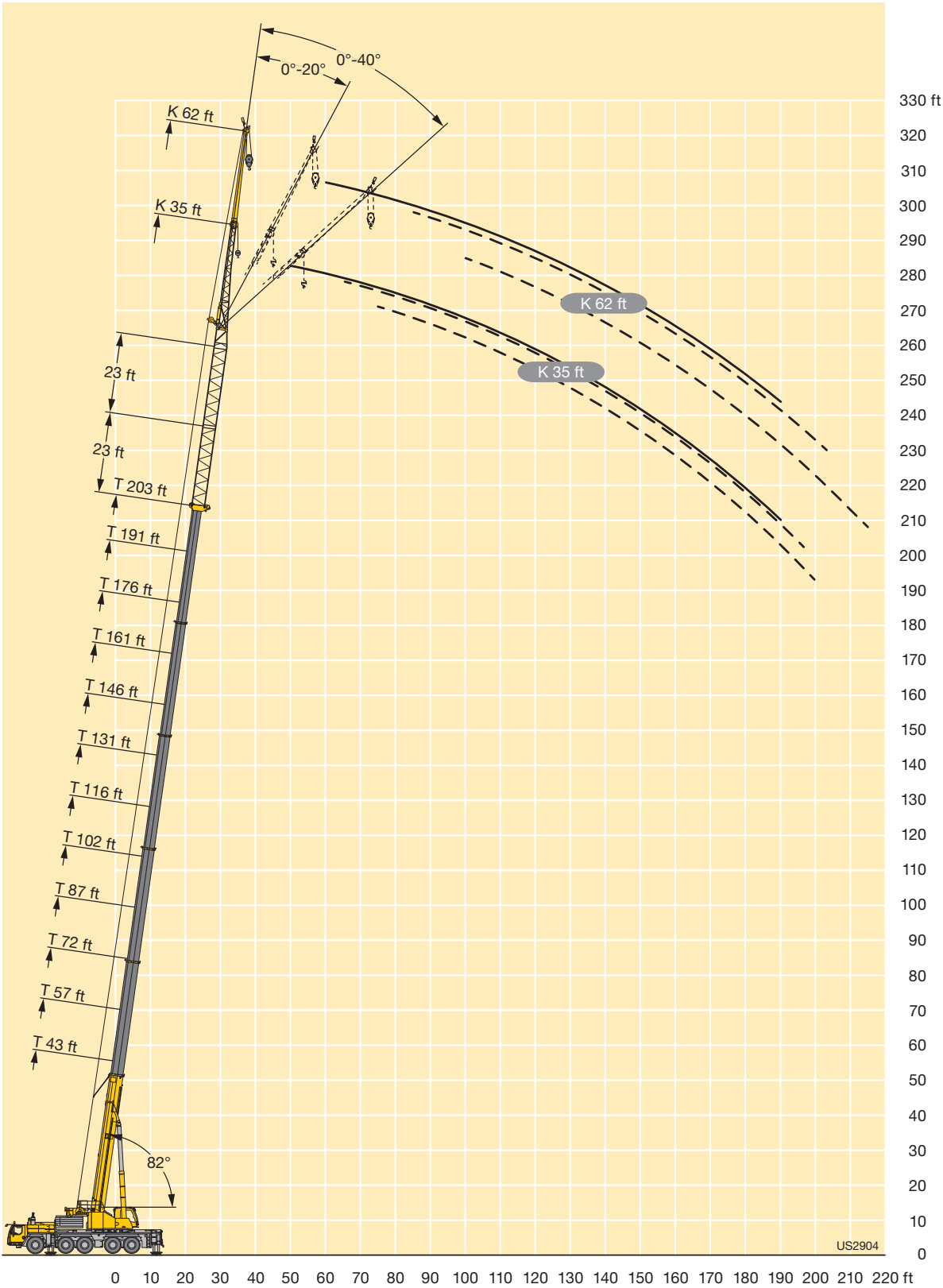
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Lifting capacities Forces de levage

TVNZK

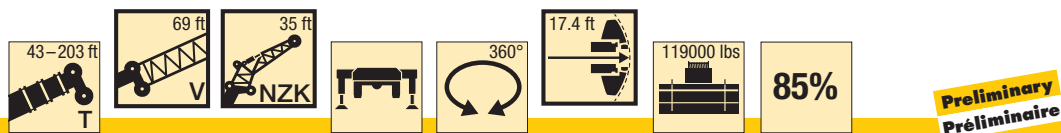
43–203 ft T 46 ft V 62 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 46 ft			146 ft + 46 ft			161 ft + 46 ft			176 ft + 46 ft			191 ft + 46 ft			203 ft + 46 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
34	8.4																		34
36	8.4																		36
38	8.4			7.4															38
40	8.4			7.6															40
45	8.3			7.9			7.7												45
50	8.2			8.2			8			6.7									50
55	8.1			8.1			8			6.9			5.4						55
60	7.9	7.6		8.1			7.9			7			5.6			4.4			60
65	7.7	7.5		7.9	7.6		7.8			7			5.8			4.6			65
70	7.5	7.2		7.7	7.4		7.7	7.5		6.9			5.9			4.7			70
75	7.4	7	6.5	7.5	7.1		7.6	7.3		6.8	6.8		5.9			4.8			75
80	7.1	6.7	6.4	7.4	6.9	6.5	7.5	7.1		6.8	6.7		5.9	6		4.9			80
85	6.9	6.5	6.2	7.1	6.7	6.4	7.3	6.8	6.5	6.7	6.5		5.8	5.9		5	5.2		85
90	6.7	6.3	6	6.9	6.5	6.2	7.1	6.6	6.3	6.6	6.3	6	5.8	5.7		5	5.1		90
95	6.4	6.1	5.9	6.7	6.3	6	6.9	6.4	6.1	6.5	6.1	5.9	5.7	5.6	5.4	5	5.1		95
100	6.2	5.9	5.7	6.5	6.1	5.8	6.7	6.3	6	6.3	5.9	5.7	5.7	5.5	5.3	4.9	5	4.9	100
105	6	5.7	5.5	6.3	5.9	5.7	6.5	6.1	5.8	6.2	5.8	5.6	5.6	5.4	5.2	4.9	4.9	4.8	105
110	5.8	5.5	5.4	6.1	5.7	5.5	6.3	5.9	5.6	6	5.6	5.4	5.5	5.2	5.1	4.9	4.8	4.7	110
115	5.6	5.3	5.2	5.9	5.5	5.4	6.1	5.7	5.5	5.8	5.5	5.3	5.4	5.1	4.9	4.8	4.7	4.6	115
120	5.4	5.1	5	5.7	5.4	5.2	5.9	5.5	5.3	5.6	5.3	5.1	5.2	4.9	4.8	4.7	4.6	4.5	120
125	5.2	5	4.9	5.5	5.2	5.1	5.7	5.4	5.2	5.5	5.2	5	5.1	4.8	4.7	4.6	4.5	4.4	125
130	5	4.8	4.7	5.3	5	4.9	5.5	5.2	5.1	5.3	5	4.9	5	4.7	4.6	4.5	4.4	4.3	130
135	4.9	4.7	4.6	5.1	4.9	4.8	5.4	5.1	4.9	5.2	4.9	4.8	4.8	4.6	4.5	4.5	4.3	4.2	135
140	4.7	4.5	4.5	5	4.7	4.7	5.2	4.9	4.8	5	4.8	4.6	4.7	4.5	4.4	4.4	4.2	4.1	140
145	4.6	4.4	4.4	4.8	4.6	4.5	5	4.8	4.7	4.9	4.6	4.5	4.6	4.4	4.3	4.3	4.1	4.1	145
150	4.4	4.3	4.2	4.7	4.5	4.4	4.9	4.6	4.5	4.7	4.5	4.4	4.5	4.3	4.2	4.2	4	4	150
155	4.3	4.1	4.1	4.5	4.4	4.3	4.7	4.5	4.4	4.6	4.4	4.3	4.4	4.2	4.1	4.1	3.9	3.9	155
160	4.1	4	4	4.4	4.2	4.2	4.6	4.4	4.3	4.5	4.3	4.2	4.2	4.1	4	4	3.9	3.8	160
165	4	3.9	3.9	4.3	4.1	4.1	4.5	4.3	4.2	4.3	4.2	4.1	4.1	4	3.9	3.9	3.8	3.8	165
170	3.9	3.8	3.8	4.1	4	4	4.3	4.2	4.1	4.2	4.1	4	4	3.9	3.9	3.8	3.7	3.7	170
175	3.8	3.7	3.8	4	3.9	3.9	4.2	4	4	4.1	4	3.9	3.9	3.8	3.8	3.7	3.6	3.6	175
180	3.7	3.6	3.7	3.9	3.8	3.8	4.1	3.9	4	4	3.9	3.9	3.8	3.7	3.7	3.6	3.5	3.6	180
185	3.6	3.5	3.6	3.8	3.7	3.8	4	3.8	3.9	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.5	185
190	3.5	3.4	3.5	3.7	3.6	3.7	3.9	3.7	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.4	3.4	3.4	190
195	3.4	3.4	3.5	3.6	3.5	3.6	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5		3.3	3.4	195
200	3.3	3.3	3.4	3.5	3.5	3.6	3.7	3.6	3.6	3.6	3.5	3.6	3.5	3.4	3.5		3.2	3.3	200
205	3.2	3.2		3.4	3.4	3.5	3.6	3.5	3.6	3.5	3.4	3.5		3.3	3.4		2.8	3.3	205
210	3.1	3.2		3.3	3.3	3.4	3.5	3.4	3.5	3.5	3.4	3.5		3.2	3.3			3	210
215	3.1	3.1		3.3	3.2	3.4	3.4	3.3	3.4	3.1	3.3	3.4			3.2			2.3	215
220	3	3.1		3.2	3.2		3.3	3.3	3.4	2.4	3.2	3.3							220
225	3	3.1		3.1	3.1		3.2	3.2	3.4		2.8	3.2							225
230	3			3.1	3.1		3.1	3.2			1.9	2.6							230
235				3	3.1		2.4	3											235
240				3	3.1			2.5											240
245				3															245

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Lifting capacities Forces de levage

TVNZK



 ft	43 ft + 69 ft			57 ft + 69 ft			72 ft + 69 ft			87 ft + 69 ft			102 ft + 69 ft			116 ft + 69 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	6.7																		17
18	6.8																		18
19	6.9			6.9															19
20	7			7															20
22	7.1			7.2			7												22
24	7.1			7.3			7.2			7.2									24
26	7.2			7.3			7.3			7.4			7.4						26
28	7.2	7.3		7.4			7.4			7.5			7.5						28
30	7.3	7.5		7.6			7.5			7.7			7.9			7.9			30
32	7.5	7.7		7.8	7.9		7.7			7.9			8.1			8.3			32
34	7.5	7.7		7.9	8.1		7.9	8.3		8.1			8.3			8.5			34
36	7.5	7.7		8.1	8.2		8.1	8.5		8.3	8.6		8.5			8.7			36
38	7.4	7.6	7.6	8	8.2		8.2	8.6		8.5	8.8		8.7			8.8			38
40	7.4	7.5	7.7	8	8.1	7.8	8.3	8.6		8.6	8.9		8.8	9.1		9			40
45	7.1	7.2	7.4	7.8	7.8	8	8.2	8.4	8.3	8.7	8.8	8.3	9	9.2		9.2	9.3		45
50	6.8	6.8	7	7.5	7.5	7.6	8.1	8.1	8.1	8.6	8.5	8.4	8.8	8.8	8.5	9.1	9		50
55	6.3	6.4	6.6	7.2	7.1	7.2	7.8	7.7	7.7	8.2	8.1	8	8.5	8.4	8.3	8.8	8.7	8.5	55
60	5.9	6	6.2	6.8	6.7	6.9	7.4	7.3	7.3	7.8	7.7	7.6	8.2	8	7.9	8.5	8.3	8.1	60
65	5.6	5.6	5.8	6.4	6.4	6.5	7	6.9	6.9	7.5	7.3	7.2	7.8	7.6	7.5	8.2	7.9	7.8	65
70	5.2	5.3	5.5	6	6	6.1	6.6	6.5	6.5	7.1	6.9	6.9	7.5	7.3	7.2	7.8	7.6	7.4	70
75	4.8	4.9	5.1	5.6	5.6	5.8	6.3	6.2	6.2	6.7	6.6	6.5	7.1	6.9	6.8	7.5	7.3	7.1	75
80	4.5	4.5	4.7	5.3	5.3	5.4	5.9	5.9	5.9	6.4	6.3	6.2	6.8	6.6	6.5	7.2	6.9	6.8	80
85	4.2	4.3	4.4	5	5	5.1	5.6	5.6	5.6	6.1	6	5.9	6.5	6.3	6.2	6.9	6.6	6.5	85
90	3.9	4	4.1	4.7	4.7	4.8	5.3	5.2	5.3	5.7	5.7	5.6	6.2	6	6	6.6	6.4	6.3	90
95	3.6	3.7	3.8	4.4	4.4	4.5	5	5	5	5.5	5.4	5.4	5.9	5.8	5.7	6.3	6.1	6	95
100	3.4	3.4	3.6	4.1	4.1	4.2	4.7	4.7	4.8	5.2	5.1	5.1	5.6	5.5	5.5	6	5.8	5.7	100
105	3.2	3.2	3.3	3.9	3.9	4	4.5	4.5	4.5	4.9	4.9	4.9	5.3	5.2	5.2	5.7	5.6	5.5	105
110	3	3	3.1	3.6	3.6	3.7	4.3	4.3	4.3	4.7	4.6	4.6	5.1	5	5	5.5	5.3	5.3	110
115	2.9	2.8	3	3.4	3.4	3.5	4	4	4.1	4.5	4.4	4.4	4.8	4.8	4.8	5.2	5.1	5.1	115
120	2.7	2.7	2.8	3.3	3.3	3.3	3.8	3.8	3.9	4.2	4.2	4.2	4.6	4.6	4.6	5	4.9	4.9	120
125	2.6	2.6	2.7	3.1	3.1	3.2	3.6	3.6	3.7	4	4	4.1	4.4	4.4	4.4	4.8	4.7	4.7	125
130	2.6	2.6	2.7	2.9	2.9		3.4	3.5	3.5	3.9	3.8	3.9	4.2	4.2	4.2	4.6	4.5	4.5	130
135	2.6	2.5	2.7	2.8	2.8		3.3	3.3	3.3	3.7	3.7	3.7	4	4	4	4.4	4.3	4.3	135
140	2.6	2.5		2.8	2.7		3.1	3.1	3.2	3.5	3.5	3.6	3.9	3.8	3.9	4.2	4.1	4.2	140
145				2.7	2.7		3	3		3.4	3.4	3.4	3.7	3.7	3.7	4	4	4	145
150				2.6	2.7		2.9	2.9		3.2	3.2	3.3	3.6	3.5	3.6	3.9	3.8	3.9	150
155				2.6			2.8	2.8		3.1	3.1		3.4	3.4	3.4	3.7	3.7	3.7	155
160							2.7	2.7		3	3		3.3	3.3	3.3	3.6	3.6	3.6	160
165							2.6			2.9	2.9		3.1	3.1		3.5	3.4	3.5	165
170							2.6			2.8	2.8		3	3		3.3	3.3	3.3	170
175										2.7	2.7		2.9	2.9		3.2	3.2	3.2	175
180										2.6			2.8	2.8		3.1	3.1		180
185										2.6			2.7	2.7		3	3		185
190													2.6	2.7		2.9	2.9		190
195																2.8	2.8		195
200																2.7	2.7		200
205																2.6	2.7		205
210																2.6			210

t_253_003_50481_00_000

Lifting capacities Forces de levage

TVNZK

43–203 ft T 69 ft V 35 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 69 ft			146 ft + 69 ft			161 ft + 69 ft			176 ft + 69 ft			191 ft + 69 ft			203 ft + 69 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
34	8.6																		34
36	8.8																		36
38	9			9.1															38
40	9.1			9.3															40
45	9.3			9.4			8.2												45
50	9.2	9.2		9.3	9.3		8.3			6.8									50
55	9	8.9	8.5	9.1	9.1		8.2	8.3		7			5.3			4			55
60	8.7	8.6	8.3	9	8.8	8.5	8.1	8.1		7.1	7.2		5.5			4.1			60
65	8.4	8.2	8	8.7	8.5	8.2	8	8	7.8	7	7.1		5.6	5.8		4.3			65
70	8.1	7.9	7.7	8.4	8.1	7.9	7.8	7.7	7.6	6.9	7	7	5.7	5.9		4.4	4.6		70
75	7.9	7.6	7.4	8.1	7.8	7.6	7.6	7.5	7.3	6.8	6.9	6.8	5.8	5.9	6	4.5	4.7		75
80	7.5	7.2	7.1	7.9	7.5	7.3	7.4	7.2	7	6.7	6.7	6.6	5.7	5.8	5.9	4.6	4.8	5	80
85	7.2	6.9	6.8	7.6	7.2	7	7.3	7	6.8	6.6	6.5	6.4	5.7	5.8	5.8	4.7	4.8	5	85
90	6.9	6.7	6.5	7.3	7	6.8	7	6.8	6.6	6.5	6.3	6.2	5.6	5.6	5.7	4.7	4.9	5	90
95	6.6	6.4	6.3	7	6.7	6.5	6.8	6.5	6.4	6.3	6.1	6	5.5	5.5	5.5	4.8	4.8	4.9	95
100	6.4	6.1	6	6.7	6.4	6.3	6.5	6.3	6.1	6.1	5.9	5.8	5.4	5.4	5.3	4.7	4.7	4.8	100
105	6.1	5.9	5.8	6.4	6.2	6.1	6.3	6.1	5.9	5.9	5.7	5.6	5.4	5.2	5.2	4.7	4.7	4.7	105
110	5.9	5.7	5.6	6.2	6	5.8	6.1	5.8	5.7	5.7	5.6	5.5	5.2	5.1	5	4.6	4.6	4.6	110
115	5.6	5.4	5.4	6	5.7	5.6	5.8	5.6	5.6	5.5	5.4	5.3	5.1	4.9	4.9	4.5	4.5	4.5	115
120	5.4	5.2	5.2	5.7	5.5	5.4	5.6	5.4	5.4	5.4	5.2	5.1	4.9	4.8	4.7	4.4	4.4	4.4	120
125	5.1	5	5	5.5	5.3	5.2	5.4	5.2	5.2	5.2	5	4.9	4.8	4.6	4.6	4.3	4.3	4.2	125
130	4.9	4.8	4.8	5.3	5.1	5.1	5.2	5.1	5	5	4.9	4.8	4.6	4.5	4.5	4.2	4.2	4.1	130
135	4.7	4.6	4.6	5.1	4.9	4.9	5	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4	4	135
140	4.6	4.5	4.4	4.9	4.8	4.7	4.9	4.7	4.7	4.7	4.6	4.5	4.4	4.2	4.2	4	3.9	3.9	140
145	4.4	4.3	4.3	4.7	4.6	4.5	4.7	4.6	4.5	4.5	4.4	4.4	4.2	4.1	4.1	3.9	3.8	3.8	145
150	4.2	4.1	4.1	4.5	4.4	4.4	4.5	4.4	4.4	4.4	4.3	4.2	4.1	4	4	3.8	3.7	3.7	150
155	4	4	4	4.4	4.3	4.2	4.4	4.3	4.2	4.2	4.1	4.1	4	3.9	3.9	3.7	3.6	3.6	155
160	3.9	3.8	3.8	4.2	4.1	4.1	4.2	4.1	4.1	4.1	4	4	3.9	3.8	3.8	3.6	3.6	3.6	160
165	3.8	3.7	3.7	4	4	4	4.1	4	4	4	3.9	3.9	3.7	3.7	3.7	3.5	3.4	3.5	165
170	3.6	3.6	3.6	3.9	3.8	3.8	3.9	3.9	3.8	3.8	3.8	3.8	3.6	3.6	3.6	3.4	3.4	3.4	170
175	3.5	3.4	3.5	3.8	3.7	3.7	3.8	3.7	3.7	3.7	3.6	3.7	3.5	3.5	3.5	3.3	3.3	3.3	175
180	3.4	3.3	3.4	3.6	3.6	3.6	3.7	3.6	3.6	3.6	3.5	3.6	3.4	3.4	3.4	3.2	3.2	3.2	180
185	3.2	3.2	3.2	3.5	3.5	3.5	3.6	3.5	3.5	3.5	3.4	3.5	3.3	3.3	3.3		3.1	3.1	185
190	3.1	3.1		3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.3	3.2	3.2		3	3.1	190
195	3	3		3.3	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.3		3.1	3.2			3	195
200	2.9	2.9		3.2	3.1		3.2	3.2	3.2	3.2	3.2	3.2			3.1				200
205	2.9	2.9		3.1	3		3.1	3.1	3.1	2.9	3.1	3.1							205
210	2.8	2.8		3	3		3	3	3.1		2.8	3							210
215	2.7	2.7		2.9	2.9		2.9	2.9				2.6							215
220	2.6	2.7		2.8	2.8		2.7	2.8											220
225	2.6			2.7	2.7		2	2.5											225
230				2.7	2.7														230
235				2.6															235
240				2.2															240

t_253_003_50481_00_000

Lifting capacities Forces de levage

TVNZK

43–203 ft T 69 ft V 35 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft + 69 ft			57 ft + 69 ft			72 ft + 69 ft			87 ft + 69 ft			102 ft + 69 ft			116 ft + 69 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	6.7																		17
18	6.8																		18
19	6.9			6.9															19
20	7			7															20
22	7.1			7.2			7												22
24	7.1			7.3			7.2			7.2									24
26	7.2			7.3			7.3			7.4			7.4						26
28	7.2	7.3		7.4			7.4			7.5			7.5						28
30	7.3	7.5		7.6			7.5			7.7			7.9			7.9			30
32	7.5	7.7		7.8	7.9		7.7			7.9			8.1			8.3			32
34	7.5	7.7		7.9	8.1		7.9	8.3		8.1			8.3			8.5			34
36	7.5	7.7		8.1	8.2		8.1	8.5		8.3	8.6		8.5			8.7			36
38	7.4	7.6	7.6	8	8.2		8.2	8.6		8.5	8.8		8.7			8.8			38
40	7.4	7.5	7.7	8	8.1	7.8	8.3	8.6		8.6	8.9		8.8	9.1		9			40
45	7.1	7.2	7.4	7.8	7.8	8	8.2	8.4	8.3	8.7	8.8	8.3	9	9.2		9.2	9.3		45
50	6.8	6.8	7	7.5	7.5	7.6	8.1	8.1	8.1	8.6	8.5	8.4	8.8	8.8	8.5	9.1	9		50
55	6.3	6.4	6.6	7.2	7.1	7.2	7.8	7.7	7.7	8.2	8.1	8	8.5	8.4	8.3	8.8	8.7	8.5	55
60	5.9	6	6.2	6.8	6.7	6.9	7.4	7.3	7.3	7.8	7.7	7.6	8.2	8	7.9	8.5	8.3	8.1	60
65	5.6	5.6	5.8	6.4	6.4	6.5	7	6.9	6.9	7.5	7.3	7.2	7.8	7.6	7.5	8.2	7.9	7.8	65
70	5.2	5.3	5.5	6	6	6.1	6.6	6.5	6.5	7.1	6.9	6.9	7.5	7.3	7.2	7.8	7.6	7.4	70
75	4.8	4.9	5.1	5.6	5.6	5.8	6.3	6.2	6.2	6.7	6.6	6.5	7.1	6.9	6.8	7.5	7.3	7.1	75
80	4.5	4.5	4.7	5.3	5.3	5.4	5.9	5.9	5.9	6.4	6.3	6.2	6.8	6.6	6.5	7.2	6.9	6.8	80
85	4.2	4.3	4.4	5	5	5.1	5.6	5.6	5.6	6.1	6	5.9	6.5	6.3	6.2	6.9	6.6	6.5	85
90	3.9	4	4.1	4.7	4.7	4.8	5.3	5.2	5.3	5.7	5.7	5.6	6.2	6	6	6.6	6.4	6.3	90
95	3.6	3.7	3.8	4.4	4.4	4.5	5	5	5	5.5	5.4	5.4	5.9	5.8	5.7	6.3	6.1	6	95
100	3.4	3.4	3.6	4.1	4.1	4.2	4.7	4.7	4.8	5.2	5.1	5.1	5.6	5.5	5.5	6	5.8	5.7	100
105	3.2	3.2	3.3	3.9	3.9	4	4.5	4.5	4.5	4.9	4.9	4.9	5.3	5.2	5.2	5.7	5.6	5.5	105
110	3	3	3.1	3.6	3.6	3.7	4.3	4.3	4.3	4.7	4.6	4.6	5.1	5	5	5.5	5.3	5.3	110
115	2.9	2.8	3	3.4	3.4	3.5	4	4	4.1	4.5	4.4	4.4	4.8	4.8	4.8	5.2	5.1	5.1	115
120	2.7	2.7	2.8	3.3	3.3	3.3	3.8	3.8	3.9	4.2	4.2	4.2	4.6	4.6	4.6	5	4.9	4.9	120
125	2.6	2.6	2.7	3.1	3.1	3.2	3.6	3.6	3.7	4	4	4.1	4.4	4.4	4.4	4.8	4.7	4.7	125
130	2.6	2.6	2.7	2.9	2.9		3.4	3.5	3.5	3.9	3.8	3.9	4.2	4.2	4.2	4.6	4.5	4.5	130
135	2.6	2.5	2.7	2.8	2.8		3.3	3.3	3.3	3.7	3.7	3.7	4	4	4	4.4	4.3	4.3	135
140	2.6	2.5		2.8	2.7		3.1	3.1	3.2	3.5	3.5	3.6	3.9	3.8	3.9	4.2	4.1	4.2	140
145				2.7	2.7		3	3		3.4	3.4	3.4	3.7	3.7	3.7	4	4	4	145
150				2.6	2.7		2.9	2.9		3.2	3.2	3.3	3.6	3.5	3.6	3.9	3.8	3.9	150
155				2.6			2.8	2.8		3.1	3.1		3.4	3.4	3.4	3.7	3.7	3.7	155
160							2.7	2.7		3	3		3.3	3.3	3.3	3.6	3.6	3.6	160
165							2.6			2.9	2.9		3.1	3.1		3.5	3.4	3.5	165
170							2.6			2.8	2.8		3	3		3.3	3.3	3.3	170
175										2.7	2.7		2.9	2.9		3.2	3.2	3.2	175
180										2.6			2.8	2.8		3.1	3.1		180
185										2.6			2.7	2.7		3	3		185
190													2.6	2.7		2.9	2.9		190
195													2.6			2.8	2.8		195
200																2.7	2.7		200
205																2.6	2.7		205
210																2.6			210

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Lifting capacities Forces de levage

TVNZK

43–203 ft T 69 ft V 35 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 69 ft			146 ft + 69 ft			161 ft + 69 ft			176 ft + 69 ft			191 ft + 69 ft			203 ft + 69 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
34	8.6																		34
36	8.8																		36
38	9			9.1															38
40	9.1			9.3															40
45	9.3			9.4			8.2												45
50	9.2	9.2		9.3	9.3		8.3			6.8									50
55	9	8.9	8.5	9.1	9.1		8.2	8.3		7			5.3			4			55
60	8.7	8.6	8.3	9	8.8	8.5	8.1	8.1		7.1	7.2		5.5			4.1			60
65	8.4	8.2	8	8.7	8.5	8.2	8	8	7.8	7	7.1		5.6	5.8		4.3			65
70	8.1	7.9	7.7	8.4	8.1	7.9	7.8	7.7	7.6	6.9	7	7	5.7	5.9		4.4	4.6		70
75	7.9	7.6	7.4	8.1	7.8	7.6	7.6	7.5	7.3	6.8	6.9	6.8	5.8	5.9	6	4.5	4.7		75
80	7.5	7.2	7.1	7.9	7.5	7.3	7.4	7.2	7	6.7	6.7	6.6	5.7	5.8	5.9	4.6	4.8	5	80
85	7.2	6.9	6.8	7.6	7.2	7	7.3	7	6.8	6.6	6.5	6.4	5.7	5.8	5.8	4.7	4.8	5	85
90	6.9	6.7	6.5	7.3	7	6.8	7	6.8	6.6	6.5	6.3	6.2	5.6	5.6	5.7	4.7	4.9	5	90
95	6.6	6.4	6.3	7	6.7	6.5	6.8	6.5	6.4	6.3	6.1	6	5.5	5.5	5.5	4.8	4.8	4.9	95
100	6.4	6.1	6	6.7	6.4	6.3	6.5	6.3	6.1	6.1	5.9	5.8	5.4	5.4	5.3	4.7	4.7	4.8	100
105	6.1	5.9	5.8	6.4	6.2	6.1	6.3	6.1	5.9	5.9	5.7	5.6	5.4	5.2	5.2	4.7	4.7	4.7	105
110	5.9	5.7	5.6	6.2	6	5.8	6.1	5.8	5.7	5.7	5.6	5.5	5.2	5.1	5	4.6	4.6	4.6	110
115	5.6	5.4	5.4	6	5.7	5.6	5.8	5.6	5.6	5.5	5.4	5.3	5.1	4.9	4.9	4.5	4.5	4.5	115
120	5.4	5.2	5.2	5.7	5.5	5.4	5.6	5.4	5.4	5.4	5.2	5.1	4.9	4.8	4.7	4.4	4.4	4.4	120
125	5.1	5	5	5.5	5.3	5.2	5.4	5.2	5.2	5.2	5	4.9	4.8	4.6	4.6	4.3	4.3	4.2	125
130	4.9	4.8	4.8	5.3	5.1	5.1	5.2	5.1	5	5	4.9	4.8	4.6	4.5	4.5	4.2	4.2	4.1	130
135	4.7	4.6	4.6	5.1	4.9	4.9	5	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4	4	135
140	4.6	4.5	4.4	4.9	4.8	4.7	4.9	4.7	4.7	4.7	4.6	4.5	4.4	4.2	4.2	4	3.9	3.9	140
145	4.4	4.3	4.3	4.7	4.6	4.5	4.7	4.6	4.5	4.5	4.4	4.4	4.2	4.1	4.1	3.9	3.8	3.8	145
150	4.2	4.1	4.1	4.5	4.4	4.4	4.5	4.4	4.4	4.4	4.3	4.2	4.1	4	4	3.8	3.7	3.7	150
155	4	4	4	4.4	4.3	4.2	4.4	4.3	4.2	4.2	4.1	4.1	4	3.9	3.9	3.7	3.6	3.6	155
160	3.9	3.8	3.8	4.2	4.1	4.1	4.2	4.1	4.1	4.1	4	4	3.9	3.8	3.8	3.6	3.6	3.6	160
165	3.8	3.7	3.7	4	4	4	4.1	4	4	4	3.9	3.9	3.7	3.7	3.7	3.5	3.4	3.5	165
170	3.6	3.6	3.6	3.9	3.8	3.8	3.9	3.9	3.8	3.8	3.8	3.8	3.6	3.6	3.6	3.4	3.4	3.4	170
175	3.5	3.4	3.5	3.8	3.7	3.7	3.8	3.7	3.7	3.7	3.6	3.7	3.5	3.5	3.5	3.3	3.3	3.3	175
180	3.4	3.3	3.4	3.6	3.6	3.6	3.7	3.6	3.6	3.6	3.5	3.6	3.4	3.4	3.4	3.2	3.2	3.2	180
185	3.2	3.2	3.2	3.5	3.5	3.5	3.6	3.5	3.5	3.5	3.4	3.5	3.3	3.3	3.3		3.1	3.1	185
190	3.1	3.1		3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.3	3.2	3.2		3	3.1	190
195	3	3		3.3	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.3		3.1	3.2			3	195
200	2.9	2.9		3.2	3.1		3.2	3.2	3.2	3.1	3.2	3.2			3.1				200
205	2.9	2.9		3.1	3		3.1	3.1	3.1	2.7	3	3.1							205
210	2.8	2.8		3	3		3	3	3.1		2.7	2.9							210
215	2.7	2.7		2.9	2.9		2.8	2.9				2.3							215
220	2.6	2.7		2.8	2.8		2.6	2.8											220
225	2.6			2.7	2.7			2.4											225
230				2.7	2.7														230
235				2.6															235
240				1.8															240

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Lifting capacities Forces de levage

TVNZK

43—203 ft T 69 ft V 62 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft + 69 ft			57 ft + 69 ft			72 ft + 69 ft			87 ft + 69 ft			102 ft + 69 ft			116 ft + 69 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	6.7																		22
24	6.7			6.7															24
26	6.6			6.7			6.7												26
28	6.5			6.6			6.7			6.7									28
30	6.5			6.6			6.6			6.7									30
32	6.4			6.5			6.6			6.7			6.7						32
34	6.4			6.5			6.5			6.6			6.7						34
36	6.3			6.4			6.5			6.6			6.6			6.7			36
38	6.3			6.4			6.4			6.5			6.6			6.6			38
40	6.2			6.3			6.4			6.5			6.5			6.6			40
45	6	6.3		6.1			6.3			6.3			6.4			6.5			45
50	5.8	6.1		6	6.3		6.1	6.3		6.2			6.3			6.4			50
55	5.5	5.8		5.8	6		5.9	6.2		6.1	6.3		6.2	6.3		6.3			55
60	5.2	5.4	5.4	5.6	5.7		5.8	5.9		5.9	6.1		6.1	6.2		6.2	6.3		60
65	4.9	5.1	5.3	5.2	5.4	5.4	5.6	5.6	5.4	5.8	5.8		5.9	6		6	6.1		65
70	4.5	4.7	5	4.9	5	5.2	5.3	5.3	5.3	5.6	5.5	5.4	5.8	5.7	5.4	5.9	5.9		70
75	4.3	4.5	4.7	4.6	4.7	4.9	5	5	5.1	5.3	5.3	5.2	5.6	5.5	5.3	5.8	5.7	5.4	75
80	4	4.2	4.4	4.4	4.5	4.6	4.7	4.7	4.8	5	5	5	5.3	5.2	5.1	5.6	5.4	5.3	80
85	3.7	3.9	4.1	4.1	4.2	4.4	4.4	4.5	4.6	4.8	4.7	4.8	5.1	5	4.9	5.4	5.2	5.1	85
90	3.5	3.7	3.9	3.9	4	4.1	4.2	4.3	4.3	4.5	4.5	4.5	4.8	4.7	4.7	5.1	5	4.9	90
95	3.3	3.4	3.6	3.6	3.7	3.9	4	4	4.1	4.3	4.3	4.3	4.6	4.5	4.5	4.9	4.7	4.7	95
100	3.1	3.2	3.4	3.4	3.5	3.7	3.8	3.8	3.9	4.1	4.1	4.1	4.4	4.3	4.3	4.6	4.5	4.5	100
105	2.9	3	3.2	3.2	3.3	3.5	3.6	3.6	3.7	3.9	3.9	3.9	4.2	4.1	4.1	4.4	4.3	4.3	105
110	2.7	2.8	3	3	3.1	3.2	3.4	3.4	3.5	3.7	3.7	3.7	4	3.9	3.9	4.2	4.1	4.1	110
115	2.5	2.7	2.8	2.9	3	3.1	3.2	3.2	3.3	3.5	3.5	3.6	3.8	3.7	3.8	4.1	4	3.9	115
120	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.1	3.3	3.3	3.4	3.6	3.6	3.6	3.9	3.8	3.8	120
125	2.2	2.3	2.5	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.2	3.4	3.4	3.4	3.7	3.6	3.6	125
130	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	3	3	3.1	3.2	3.2	3.3	3.5	3.5	3.5	130
135	2	2	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.1	3.1	3.1	3.4	3.3	3.3	135
140	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.5	2.7	2.7	2.8	2.9	3	3	3.2	3.2	3.2	140
145	1.7	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.8	2.8	2.9	3.1	3	3	145
150	1.6	1.7	1.8	1.9	1.9	2	2.1	2.2	2.3	2.4	2.5	2.5	2.7	2.7	2.7	2.9	2.9	2.9	150
155	1.5	1.6	1.7	1.8	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.8	2.8	2.8	155
160	1.5	1.5	1.7	1.7	1.7	1.8	1.9	2	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.7	2.7	2.7	160
165	1.4	1.5		1.6	1.7		1.8	1.9	2	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	165
170				1.5	1.6		1.7	1.8	1.9	2	2	2.1	2.2	2.2	2.3	2.4	2.4	2.5	170
175				1.5	1.5		1.7	1.7		1.9	1.9	2	2.1	2.1	2.2	2.3	2.3	2.4	175
180				1.4			1.6	1.6		1.8	1.8	1.9	2	2	2.1	2.2	2.2	2.3	180
185							1.5	1.6		1.7	1.7	1.8	1.9	1.9	2	2.1	2.1	2.2	185
190							1.5	1.5		1.6	1.7		1.8	1.9	1.9	2	2	2.1	190
195							1.4			1.6	1.6		1.7	1.8	1.8	1.9	2	2	195
200										1.5	1.5		1.7	1.7		1.9	1.9	1.9	200
205										1.5	1.5		1.6	1.6		1.8	1.8	1.9	205
210										1.4			1.5	1.6		1.7	1.7	1.8	210
215													1.5	1.5		1.7	1.7		215
220													1.5	1.5		1.6	1.6		220
225													1.4			1.5	1.6		225
230																1.5	1.5		230
235																1.4	1.5		235
240																1.4			240

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Lifting capacities Forces de levage

TVNZK

43-203 ft T 69 ft V 62 ft NZK 360° 17.4 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 69 ft			146 ft + 69 ft			161 ft + 69 ft			176 ft + 69 ft			191 ft + 69 ft			203 ft + 69 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
38	6.7																		38
40	6.7																		40
45	6.6			5.4															45
50	6.4			5.7			4.6												50
55	6.4			5.8			4.9			3.9									55
60	6.3			6			5			3.9			3.1						60
65	6.1	6.3		6.1			5.1			4.1			3.1			2.5			65
70	6	6		6.1	6.2		5.2			4.2			3.1			2.6			70
75	5.9	5.8		6	6		5.3	5.5		4.3			3.2			2.6			75
80	5.8	5.6	5.3	5.9	5.8		5.3	5.4		4.3	4.6		3.2			2.6			80
85	5.6	5.4	5.2	5.8	5.5	5.3	5.3	5.3		4.4	4.6		3.3	3.5		2.6			85
90	5.4	5.2	5	5.6	5.3	5.1	5.2	5.1	5	4.4	4.6		3.4	3.6		2.6	2.8		90
95	5.1	4.9	4.8	5.4	5.1	5	5.1	4.9	4.8	4.5	4.6	4.5	3.4	3.6		2.6	2.8		95
100	4.9	4.7	4.6	5.2	4.9	4.8	5	4.8	4.6	4.5	4.4	4.3	3.5	3.6	3.8	2.7	2.9		100
105	4.7	4.5	4.5	5	4.7	4.6	4.8	4.6	4.5	4.4	4.3	4.2	3.5	3.6	3.7	2.7	2.9	3.1	105
110	4.5	4.4	4.3	4.8	4.5	4.4	4.6	4.4	4.3	4.3	4.1	4.1	3.5	3.6	3.6	2.8	3	3.1	110
115	4.3	4.2	4.1	4.5	4.4	4.3	4.4	4.3	4.1	4.1	4	3.9	3.5	3.5	3.5	2.8	2.9	3.1	115
120	4.1	4	4	4.4	4.2	4.1	4.3	4.1	4	4	3.9	3.8	3.4	3.4	3.4	2.8	2.9	3	120
125	4	3.8	3.8	4.2	4	4	4.1	4	3.9	3.9	3.8	3.7	3.4	3.3	3.3	2.8	2.9	3	125
130	3.8	3.7	3.7	4	3.9	3.8	3.9	3.8	3.7	3.7	3.6	3.6	3.3	3.3	3.2	2.8	2.9	2.9	130
135	3.6	3.5	3.5	3.9	3.7	3.7	3.8	3.7	3.6	3.6	3.5	3.5	3.2	3.2	3.1	2.7	2.8	2.8	135
140	3.5	3.4	3.4	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.3	3.1	3.1	3	2.7	2.7	2.7	140
145	3.3	3.2	3.2	3.6	3.4	3.4	3.5	3.4	3.4	3.4	3.2	3.2	3	2.9	2.9	2.6	2.6	2.7	145
150	3.2	3.1	3.1	3.4	3.3	3.3	3.4	3.3	3.2	3.2	3.1	3.1	2.9	2.8	2.9	2.6	2.6	2.6	150
155	3	3	3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3	3	2.8	2.7	2.8	2.5	2.5	2.5	155
160	2.9	2.9	2.9	3.1	3.1	3	3.1	3	3	3	2.9	2.9	2.7	2.6	2.7	2.4	2.4	2.4	160
165	2.8	2.7	2.8	3	3	2.9	3	2.9	2.9	2.9	2.8	2.8	2.6	2.5	2.6	2.4	2.3	2.3	165
170	2.7	2.6	2.7	2.9	2.8	2.8	2.9	2.8	2.8	2.8	2.7	2.7	2.5	2.4	2.5	2.3	2.2	2.3	170
175	2.5	2.5	2.6	2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.6	2.6	2.4	2.4	2.4	2.2	2.2	2.2	175
180	2.4	2.4	2.5	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.5	2.5	2.3	2.3	2.3	2.1	2.1	2.1	180
185	2.3	2.3	2.4	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.4	2.4	2.2	2.2	2.3	2	2	2.1	185
190	2.2	2.2	2.3	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.2		1.9	2	190
195	2.1	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2		2	2.1		1.9	1.9	195
200	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2		1.9	2		1.8	1.9	200
205	2	2	2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2	2.1		1.9	1.9				205
210	1.9	1.9	2	2	2	2	2	2	2.1		2	2			1.9				210
215	1.8	1.8	1.9	1.9	1.9	2	2	1.9	2		1.9	1.9							215
220	1.7	1.7	1.8	1.8	1.8	1.9	1.8	1.8	1.9			1.9							220
225	1.7	1.7		1.8	1.7	1.8	1.6	1.8	1.9			1.8							225
230	1.6	1.6		1.7	1.7	1.8	1.3	1.7	1.8										230
235	1.6	1.6		1.6	1.6				1.6										235
240	1.5	1.5		1.5	1.6														240
245	1.5	1.5		1.3	1.5														245
250	1.4	1.5			1.3														250
255	1.4																		255

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Lifting capacities Forces de levage

TVNZK

43–203 ft T 69 ft V 62 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	43 ft + 69 ft			57 ft + 69 ft			72 ft + 69 ft			87 ft + 69 ft			102 ft + 69 ft			116 ft + 69 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	6.7																		22
24	6.7			6.7															24
26	6.6			6.7			6.7												26
28	6.5			6.6			6.7			6.7									28
30	6.5			6.6			6.6			6.7									30
32	6.4			6.5			6.6			6.7			6.7						32
34	6.4			6.5			6.5			6.6			6.7						34
36	6.3			6.4			6.5			6.6			6.6			6.7			36
38	6.3			6.4			6.4			6.5			6.6			6.6			38
40	6.2			6.3			6.4			6.5			6.5			6.6			40
45	6	6.3		6.1			6.3			6.3			6.4			6.5			45
50	5.8	6.1		6	6.3		6.1	6.3		6.2			6.3			6.4			50
55	5.5	5.8		5.8	6		5.9	6.2		6.1	6.3		6.2	6.3		6.3			55
60	5.2	5.4	5.4	5.6	5.7		5.8	5.9		5.9	6.1		6.1	6.2		6.2	6.3		60
65	4.9	5.1	5.3	5.2	5.4	5.4	5.6	5.6	5.4	5.8	5.8		5.9	6		6	6.1		65
70	4.5	4.7	5	4.9	5	5.2	5.3	5.3	5.3	5.6	5.5	5.4	5.8	5.7	5.4	5.9	5.9		70
75	4.3	4.5	4.7	4.6	4.7	4.9	5	5	5.1	5.3	5.3	5.2	5.6	5.5	5.3	5.8	5.7	5.4	75
80	4	4.2	4.4	4.4	4.5	4.6	4.7	4.7	4.8	5	5	5	5.3	5.2	5.1	5.6	5.4	5.3	80
85	3.7	3.9	4.1	4.1	4.2	4.4	4.4	4.5	4.6	4.8	4.7	4.8	5.1	5	4.9	5.4	5.2	5.1	85
90	3.5	3.7	3.9	3.9	4	4.1	4.2	4.3	4.3	4.5	4.5	4.5	4.8	4.7	4.7	5.1	5	4.9	90
95	3.3	3.4	3.6	3.6	3.7	3.9	4	4	4.1	4.3	4.3	4.3	4.6	4.5	4.5	4.9	4.7	4.7	95
100	3.1	3.2	3.4	3.4	3.5	3.7	3.8	3.8	3.9	4.1	4.1	4.1	4.4	4.3	4.3	4.6	4.5	4.5	100
105	2.9	3	3.2	3.2	3.3	3.5	3.6	3.6	3.7	3.9	3.9	3.9	4.2	4.1	4.1	4.4	4.3	4.3	105
110	2.7	2.8	3	3	3.1	3.2	3.4	3.4	3.5	3.7	3.7	3.7	4	3.9	3.9	4.2	4.1	4.1	110
115	2.5	2.7	2.8	2.9	3	3.1	3.2	3.2	3.3	3.5	3.5	3.6	3.8	3.7	3.8	4.1	4	3.9	115
120	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.1	3.3	3.3	3.4	3.6	3.6	3.6	3.9	3.8	3.8	120
125	2.2	2.3	2.5	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.2	3.4	3.4	3.4	3.7	3.6	3.6	125
130	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	3	3	3.1	3.2	3.2	3.3	3.5	3.5	3.5	130
135	2	2	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.1	3.1	3.1	3.4	3.3	3.3	135
140	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.5	2.7	2.7	2.8	2.9	3	3	3.2	3.2	3.2	140
145	1.7	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.8	2.8	2.9	3.1	3	3	145
150	1.6	1.7	1.8	1.9	1.9	2	2.1	2.2	2.3	2.4	2.5	2.5	2.7	2.7	2.7	2.9	2.9	2.9	150
155	1.5	1.6	1.7	1.8	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.8	2.8	2.8	155
160	1.5	1.5	1.7	1.7	1.7	1.8	1.9	2	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.7	2.7	2.7	160
165	1.4	1.5		1.6	1.7		1.8	1.9	2	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	165
170				1.5	1.6		1.7	1.8	1.9	2	2	2.1	2.2	2.2	2.3	2.4	2.4	2.5	170
175				1.5	1.5		1.7	1.7		1.9	1.9	2	2.1	2.1	2.2	2.3	2.3	2.4	175
180				1.4			1.6	1.6		1.8	1.8	1.9	2	2	2.1	2.2	2.2	2.3	180
185							1.5	1.6		1.7	1.7	1.8	1.9	1.9	2	2.1	2.1	2.2	185
190							1.5	1.5		1.6	1.7		1.8	1.9	1.9	2	2	2.1	190
195							1.4			1.6	1.6		1.7	1.8	1.8	1.9	2	2	195
200										1.5	1.5		1.7	1.7		1.9	1.9	1.9	200
205										1.5	1.5		1.6	1.6		1.8	1.8	1.9	205
210										1.4			1.5	1.6		1.7	1.7	1.8	210
215													1.5	1.5		1.7	1.7		215
220													1.5	1.5		1.6	1.6		220
225													1.4			1.5	1.6		225
230																1.5	1.5		230
235																1.4	1.5		235
240																1.4			240

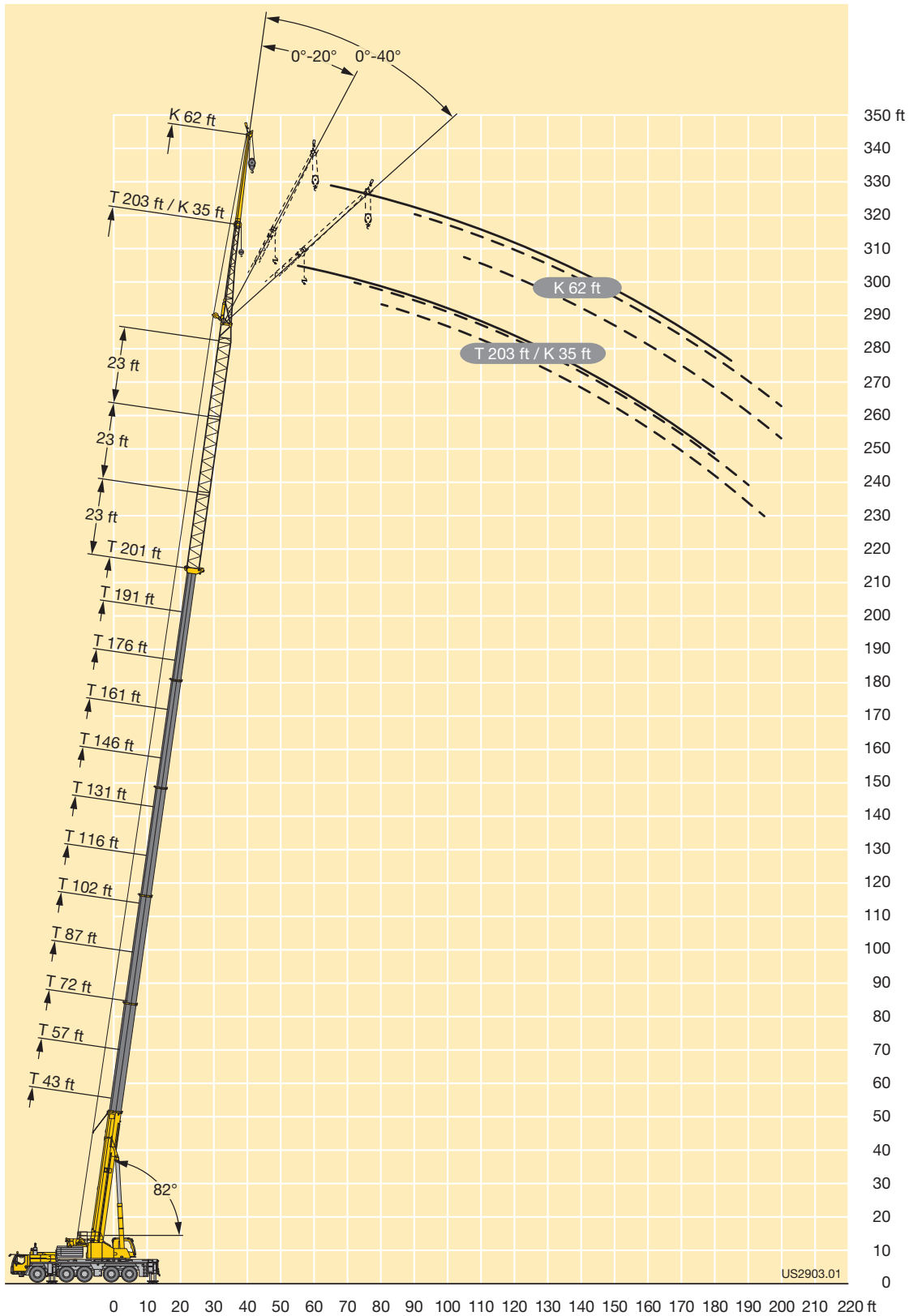
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Lifting capacities Forces de levage

TVNZK

43–203 ft T 69 ft V 62 ft NZK 360° 15.7 ft 119000 lbs 85% Preliminary Préliminaire																			
ft	131 ft + 69 ft			146 ft + 69 ft			161 ft + 69 ft			176 ft + 69 ft			191 ft + 69 ft			203 ft + 69 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
38	6.7																		38
40	6.7																		40
45	6.6			5.4															45
50	6.4			5.7			4.6												50
55	6.4			5.8			4.9			3.9									55
60	6.3			6			5			3.9			3.1						60
65	6.1	6.3		6.1			5.1			4.1			3.1			2.5			65
70	6	6		6.1	6.2		5.2			4.2			3.1			2.6			70
75	5.9	5.8		6	6		5.3	5.5		4.3			3.2			2.6			75
80	5.8	5.6	5.3	5.9	5.8		5.3	5.4		4.3	4.6		3.2			2.6			80
85	5.6	5.4	5.2	5.8	5.5	5.3	5.3	5.3		4.4	4.6		3.3	3.5		2.6			85
90	5.4	5.2	5	5.6	5.3	5.1	5.2	5.1	5	4.4	4.6		3.4	3.6		2.6	2.8		90
95	5.1	4.9	4.8	5.4	5.1	5	5.1	4.9	4.8	4.5	4.6	4.5	3.4	3.6		2.6	2.8		95
100	4.9	4.7	4.6	5.2	4.9	4.8	5	4.8	4.6	4.5	4.4	4.3	3.5	3.6	3.8	2.7	2.9		100
105	4.7	4.5	4.5	5	4.7	4.6	4.8	4.6	4.5	4.4	4.3	4.2	3.5	3.6	3.7	2.7	2.9	3.1	105
110	4.5	4.4	4.3	4.8	4.5	4.4	4.6	4.4	4.3	4.3	4.1	4.1	3.5	3.6	3.6	2.8	3	3.1	110
115	4.3	4.2	4.1	4.5	4.4	4.3	4.4	4.3	4.1	4.1	4	3.9	3.5	3.5	3.5	2.8	2.9	3.1	115
120	4.1	4	4	4.4	4.2	4.1	4.3	4.1	4	4	3.9	3.8	3.4	3.4	3.4	2.8	2.9	3	120
125	4	3.8	3.8	4.2	4	4	4.1	4	3.9	3.9	3.8	3.7	3.4	3.3	3.3	2.8	2.9	3	125
130	3.8	3.7	3.7	4	3.9	3.8	3.9	3.8	3.7	3.7	3.6	3.6	3.3	3.3	3.2	2.8	2.9	2.9	130
135	3.6	3.5	3.5	3.9	3.7	3.7	3.8	3.7	3.6	3.6	3.5	3.5	3.2	3.2	3.1	2.7	2.8	2.8	135
140	3.5	3.4	3.4	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.3	3.1	3.1	3	2.7	2.7	2.7	140
145	3.3	3.2	3.2	3.6	3.4	3.4	3.5	3.4	3.4	3.4	3.2	3.2	3	2.9	2.9	2.6	2.6	2.7	145
150	3.2	3.1	3.1	3.4	3.3	3.3	3.4	3.3	3.2	3.2	3.1	3.1	2.9	2.8	2.9	2.6	2.6	2.6	150
155	3	3	3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3	3	2.8	2.7	2.8	2.5	2.5	2.5	155
160	2.9	2.9	2.9	3.1	3.1	3	3.1	3	3	3	2.9	2.9	2.7	2.6	2.7	2.4	2.4	2.4	160
165	2.8	2.7	2.8	3	3	2.9	3	2.9	2.9	2.9	2.8	2.8	2.6	2.5	2.6	2.4	2.3	2.3	165
170	2.7	2.6	2.7	2.9	2.8	2.8	2.9	2.8	2.8	2.8	2.7	2.7	2.5	2.4	2.5	2.3	2.2	2.3	170
175	2.5	2.5	2.6	2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.6	2.6	2.4	2.4	2.4	2.2	2.2	2.2	175
180	2.4	2.4	2.5	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.5	2.5	2.3	2.3	2.3	2.1	2.1	2.1	180
185	2.3	2.3	2.4	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.4	2.4	2.2	2.2	2.3	2	2	2.1	185
190	2.2	2.2	2.3	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.2		1.9	2	190
195	2.1	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2		2	2.1			1.9	195
200	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2		1.9	2			1.9	200
205	2	2	2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2	2.1		1.9	1.9				205
210	1.9	1.9	2	2	2	2	2	2	2.1		2	2			1.9				210
215	1.8	1.8	1.9	1.9	1.9	2	2	1.9	2		1.8	1.9							215
220	1.7	1.7	1.8	1.8	1.8	1.9	1.8	1.8	1.9			1.8							220
225	1.7	1.7		1.8	1.7	1.8		1.8	1.9			1.7							225
230	1.6	1.6		1.7	1.7	1.8		1.6	1.8										230
235	1.6	1.6		1.6	1.6				1.6										235
240	1.5	1.5		1.5	1.6														240
245	1.5	1.5			1.5														245
250	1.4	1.5																	250
255	1.4																		255

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Lifting capacities Forces de levage

TK

43-203 ft 9.5 ft 17.4 ft 119000 lbs 85% Preliminary Préliminaire													
43 ft 57 ft 72 ft 87 ft 102 ft 116 ft 131 ft 146 ft 161 ft 176 ft 191 ft 203 ft													
9.5 ft													
10	76.2	76.2											10
11	76.2	76.2											11
12	76.2	76.2	76.2										12
13	76.2	76.2	76.2										13
14	76.2	76.2	76.2	76.2									14
15	76.2	76.2	76.2	76.2									15
16	76.2	76.2	76.2	76.2									16
17	76.2	76.2	76.2	76.2	76.2								17
18	76.2	76.2	76.2	76.2	76.2								18
19	76.2	76.2	76.2	76.2	76.2								19
20	76.2	76.2	76.2	76.2	76.2	76.2							20
22	76.2	76.2	76.2	76.2	76.2	76.2							22
24	76.2	76.2	76.2	76.2	76.2	76.2	64.9						24
26	76.2	76.2	76.2	76.2	76.2	76.2	76.2						26
28	76.1	76.2	76.2	76.2	76.2	76.2	75.2	57.3					28
30	75.5	76.2	76.2	76.2	76.2	76.2	73.2	56.2					30
32	74.6	76.2	76.2	76.2	76.2	76.2	71.1	54.9	49.3				32
34	72.8	76.2	76.2	76.2	76.2	76.2	69	53.6	48.4				34
36	70.4	76.2	76.2	76.2	76.2	76	67	52.3	47.5	41.8			36
38	67.6	75.7	76.2	76.2	76.2	74.9	65.2	51	46.6	41.3			38
40	64	74.8	76.2	76.2	76.2	73.5	63.3	49.9	45.8	40.6	32		40
45	53.5	71.8	76	76.2	76.2	69.5	58.7	47.5	43.6	38.8	30.9	25.4	45
50		66.8	73.8	74.4	72.6	65.8	54.7	45.1	41.3	36.9	29.8	24.5	50
55		59.9	66.1	65.4	64.2	62.7	50.8	43	39.1	35.4	28.7	23.7	55
60		50.9	58.8	58.1	57.7	58	47.4	41.1	37.1	33.9	27.8	22.9	60
65			52.4	51.7	53	51.6	44.2	39	35	32.4	26.9	22.2	65
70			47	48.4	47.6	46.2	41.4	37	33.1	30.9	26	21.4	70
75			43.1	43.7	42.9	41.6	38.8	35	31.3	29.4	25.1	20.6	75
80				39.7	38.9	37.6	36	33	29.5	27.9	24.2	19.8	80
85				36.3	35.4	34.1	32.9	31.1	27.9	26.5	23.3	19	85
90				31.6	32.4	31	31.2	29.4	26.4	25.1	22.4	18.2	90
95					29.7	28.6	28.8	27.6	25	23.8	21.5	17.3	95
100					27.3	27.2	26.4	25.7	23.7	22.6	20.6	16.5	100
105					22.5	25.5	24.2	24.2	22.5	21.5	19.7	15.6	105
110						23.6	22.3	22.3	21.1	20.4	18.8	14.8	110
115						22.3	20.6	20.6	19.4	19.3	17.9	14	115
120							19.6	19	18.4	17.9	17	13.3	120
125							18.8	17.5	17.5	16.6	16.3	12.6	125
130							17.8	16.2	16.2	15.8	15.5	12	130
135								14.9	14.9	15.1	14.4	11.4	135
140								14.2	13.8	14.3	13.3	10.8	140
145								13.7	12.7	13.2	12.3	10.3	145
150									11.9	12.3	11.4	9.9	150
155									11.3	11.5	10.6	9.4	155
160									10.9	10.8	9.9	9	160
165										10.1	9.2	8.6	165
170										9.5	8.6	8.2	170
175										8.9	8	7.8	175
180											7.5	7.4	180
185											6.9	6.9	185
190											6.5	6.4	190
195												5.9	195
200												5.5	200
205												4.9	205

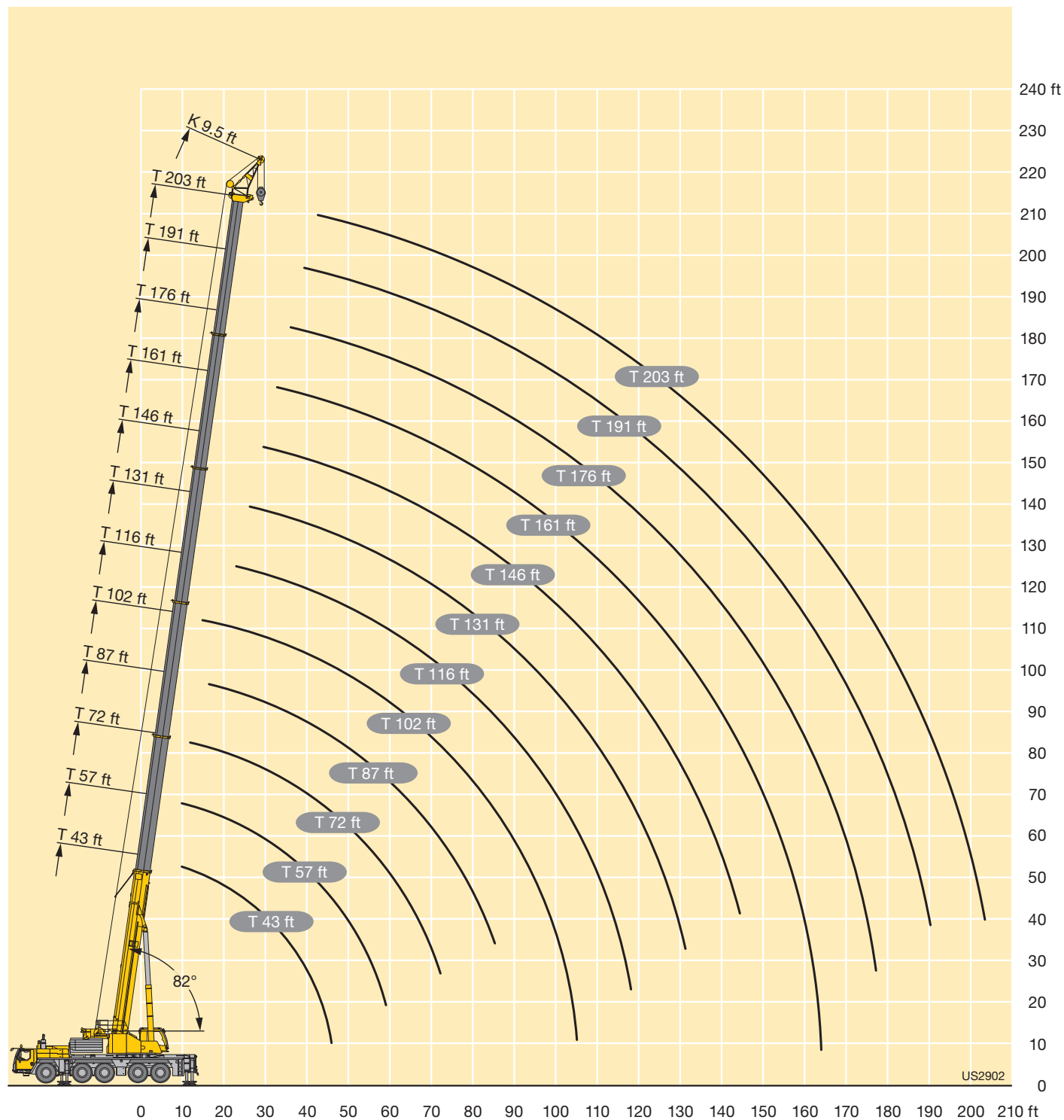
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Lifting capacities Forces de levage

TK

43-203 ft 9.5 ft 15.7 ft 119000 lbs 85% Preliminary Préliminaire													
ft	43 ft	57 ft	72 ft	87 ft	102 ft	116 ft	131 ft	146 ft	161 ft	176 ft	191 ft	203 ft	ft
	9.5 ft												
10	76.2	76.2											10
11	76.2	76.2											11
12	76.2	76.2	76.2										12
13	76.2	76.2	76.2										13
14	76.2	76.2	76.2	76.2									14
15	76.2	76.2	76.2	76.2									15
16	76.2	76.2	76.2	76.2									16
17	76.2	76.2	76.2	76.2	76.2								17
18	76.2	76.2	76.2	76.2	76.2								18
19	76.2	76.2	76.2	76.2	76.2								19
20	76.2	76.2	76.2	76.2	76.2	76.2							20
22	76.2	76.2	76.2	76.2	76.2	76.2							22
24	76.2	76.2	76.2	76.2	76.2	76.2	64.9						24
26	76.2	76.2	76.2	76.2	76.2	76.2	76.2						26
28	76.1	76.2	76.2	76.2	76.2	76.2	75.2	57.3					28
30	75.5	76.2	76.2	76.2	76.2	76.2	73.2	56.2					30
32	74.6	76.2	76.2	76.2	76.2	76.2	71.1	54.9	49.3				32
34	72.8	76.2	76.2	76.2	76.2	76.2	69	53.6	48.4				34
36	70.4	76.2	76.2	76.2	76.2	76	67	52.3	47.5	41.8			36
38	67.6	75.7	76.2	76.2	76.2	74.9	65.2	51	46.6	41.3			38
40	64	74.8	76.2	76.2	76.2	73.5	63.3	49.9	45.8	40.6	32		40
45	53.5	71.8	76	76.2	75.9	69.5	58.7	47.5	43.6	38.8	30.9	25.4	45
50		66.8	71.9	71.2	70	65.8	54.7	45.1	41.3	36.9	29.8	24.5	50
55		59.9	63.2	62.5	61.3	62	50.8	43	39.1	35.4	28.7	23.7	55
60		50.9	56.1	55.4	56.5	55.3	47.4	41.1	37.1	33.9	27.8	22.9	60
65			49.9	51.3	50.5	49.1	44.2	39	35	32.4	26.9	22.2	65
70			45.4	46	45.2	43.9	41.4	37	33.1	30.9	26	21.4	70
75			41.7	41.5	40.7	39.4	38.1	35	31.3	29.4	25.1	20.6	75
80				37.7	36.9	35.5	34.3	33	29.5	27.9	24.2	19.8	80
85				34.4	33.5	32.2	32.6	31.1	27.9	26.5	23.3	19	85
90				31.3	30.6	29.9	29.7	28.6	26.4	25.1	22.4	18.2	90
95					28	28.3	27.1	26.9	25	23.8	21.5	17.3	95
100					26.2	26	24.8	24.9	23.5	22.6	20.6	16.5	100
105					22.5	22.4	22.7	22.8	21.7	21.5	19.7	15.6	105
110						22.6	21.5	20.9	20.2	19.9	18.8	14.8	110
115						21	20.3	19.2	19.1	18.2	17.9	14	115
120							19.3	17.7	17.7	17.3	17	13.3	120
125							17.9	16.3	16.3	16.6	15.8	12.6	125
130							16.6	15.6	15	15.5	14.5	12	130
135								14.7	13.8	14.3	13.3	11.4	135
140								14.2	12.8	13.2	12.3	10.8	140
145								13.6	12.2	12.2	11.4	10.3	145
150									11.7	11.4	10.6	9.9	150
155									11.2	10.7	9.8	9.4	155
160									10.6	10	9.1	9	160
165										9.3	8.4	8.4	165
170										8.7	7.8	7.8	170
175										8.1	7.3	7.2	175
180											6.7	6.7	180
185											6.2	6.2	185
190											5.8	5.7	190
195												5.3	195
200												4.8	200
205												4.5	205

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Crane carrier

Frame	Self-manufactured, weight-optimized and torsion resistant box-type design of high-tensile structural steel.
Outriggers	4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Automatic levelling of crane. Electronic inclination indicator.
Engine	6-cylinder Diesel, make Liebherr, watercooled, output 400 kW (544 h.p.), max. torque 1855 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 198 gallons.
Transmission	ZF 12-speed gear box with automatic control system AS-TRONIC. ZF-intarder fitted directly to the gear. Two-stage transfer case with lockable transfer differential.
Axles	Low maintenance carrier axles, all 5 axles steered. Axle 2, 4 and 5 are equipped with planetary gears, all driven axles with transverse differential locks, axle 4 with longitudinal differential lock.
Suspension	All axles are mounted on hydropneumatic suspension – “Niveaumatik suspension” and are lockable hydraulically.
Tyres	10 tyres. Size of tyres: 445/95 R 25 (16.00 R 25).
Steering	2-circuit system with hydraulic servo steering. Active speed depending rear axle steering, special steering programs for various driving situations.
Brakes	Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Additional brakes: exhaust flap brake, Telma Eddy current brake (optional), intarder in gearbox. Hand brake: Spring-loaded, acting on all wheels of axles 2 to 5.
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 drive	Mechanical drive of the crane hydraulic from the chassis. Variable axial piston pumps with servo control and power regulation.
Control	Electric „Load Sensing“ control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type).
Hoist gear	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential ram with pilot-controlled brake valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as standard feature.
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 43 ft to 203 ft.
Counterweight	75000 lbs basic counterweight.
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°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option).
Erection jib	10 ft
Telescopic boom extension V	23 ft – 46 ft long lattice section, thus higher pinning point for swing-away jib.
2nd hoist gear	For two-hook operation.
Tyres	10 tyres, size 525/80 R 25 (20.5 R 25).
Drive 10 x 8	Additional drive of the 1 st axle.
Additional counterweight	44000 lbs for a total counterweight of 119000 lbs.

Other items of equipment available on request.

Châssis porteur

Cadre	Construction en caisse résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide.
Calage	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Nivellement automatique du calage. Indicateurs électroniques d'inclinaison.
Moteur	Moteur diesel, 6 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 400 kW (544 ch), couple max. 1855 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 198 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	Suspension hydropneumatique «Niveaumatik» - sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement.
Pneumatiques	10 pneus. Taille: 445/95 R 25 (16.00 R 25).
Direction	2 circuits avec direction assistée hydraulique. Direction active des essieux arrière et dépendante de la vitesse, programmes de direction spéciaux pour les différents modes de déplacement.
Freins	Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits. Freins auxiliaire : par clapet sur échappement, frein Telma (option), ralentisseur monté sur boîte de vitesse. Frein de secours et frein à main: par cylindres à ressorts sur les essieux 2 à 5.
Cabine	Spacieuse cabine, traitement anticorrosion, équipement «grand confort», suspension par silentbloks, 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

Cadre	Fabrication Liebherr, construction soudée indéformable, en acier à grain fin haute résistance. Couronne d'orientation à triple rangée de rouleaux.
Entraînement	Entraînement mécanique de l'hydraulique de la grue par le châssis de la grue. Pompes réglables à pistons axiaux avec servocommande et réglage de puissance.

Commande	Direction électrique "Load Sensing", 4 mouvements de travail dirigeable simultanément, deux leviers de commande à 4 positions et à autocentrage.
Mécanisme de levage	Moteur à cylindrée constante et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.
Mécanisme de relevage	1 vérin différentiel avec clapet de frein commandé.
Dispositif de rotation	Moteur à cylindrée constante à pistons axiaux, réducteur planétaire, frein d'arrêt commandé par ressort. Commutation en série du mécanisme d'orientation: ouvert et en orientation freinée automatiquement.
Cabine de grue	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: 43 ft – 203 ft.
Contrepoids	Plaque de base 75000 lbs.
Installation électrique	Technique moderne de transmission de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Équipement supplémentaire

Fléchette pliante K/NZK	Longueur: 40 ft – 118 ft, montable sous un angle de 0°, 20° ou 40°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 40° (en option).
Fléchette de montage	10 ft
Rallonge flèche télescopique V	Élément en treillis de 23 ft – 46 ft, de cette manière point d'articulation plus haute pour la flèche pliante.
2ème mécanisme de levage	Pour l'utilisation du deuxième crochet.
Pneumatiques	10 pneus. Taille: 525/80 R 25 (20.5 R 25).
Entraînement 10 x 8	Essieu 1 est entraîné additionnellement.
Contrepoids additionnel	44000 lbs pour un contrepoids total de 119000 lbs.

Autres équipements supplémentaires sur demande.

Description of symbols Explication des symboles

General symbols Symboles généraux

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

Crane specific symbols Symboles spécifiques à la grue

	Telescopic boom Flèche télescopique		Telescopic boom extension Rallonge flèche télescopique
	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 30 ft/s (9 m/s, 20 mph) and regarding the load a sail area of 1 m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. Lifting capacities are given in kips.
4. The weight of the hook blocks and hooks must be deducted from the lifting capacities.
5. Working radii are measured from the slewing centreline.
6. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
7. Lifting capacities above 189600 lbs/321900 lbs only with additional pulley block/special equipment.
8. 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 30 ft/s (9 m/s, 20 mph) minimum, une surface de prise au vent de 1 m² par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)s sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3. Les forces de levage sont données en kips.
4. Les poids des moufles et crochets doit être soustrait des charges indiquées.
5. Les portées sont calculées à partir de l'axe de rotation.
6. Les forces indiquées pour la flèche télescopique s'entendent fléchette dépliable déposée.
7. Forces de levage plus de 189600 lbs/321900 lbs seulement avec moufle additionnel/équipement supplémentaire.
8. 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.