



Absolutely The Best Crane Mats In The World.

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Mobile Crane/Grue mobile

LTM 1050-3.1



	60 USt
	125 ft
	145 ft
	177 ft

LIEBHERR

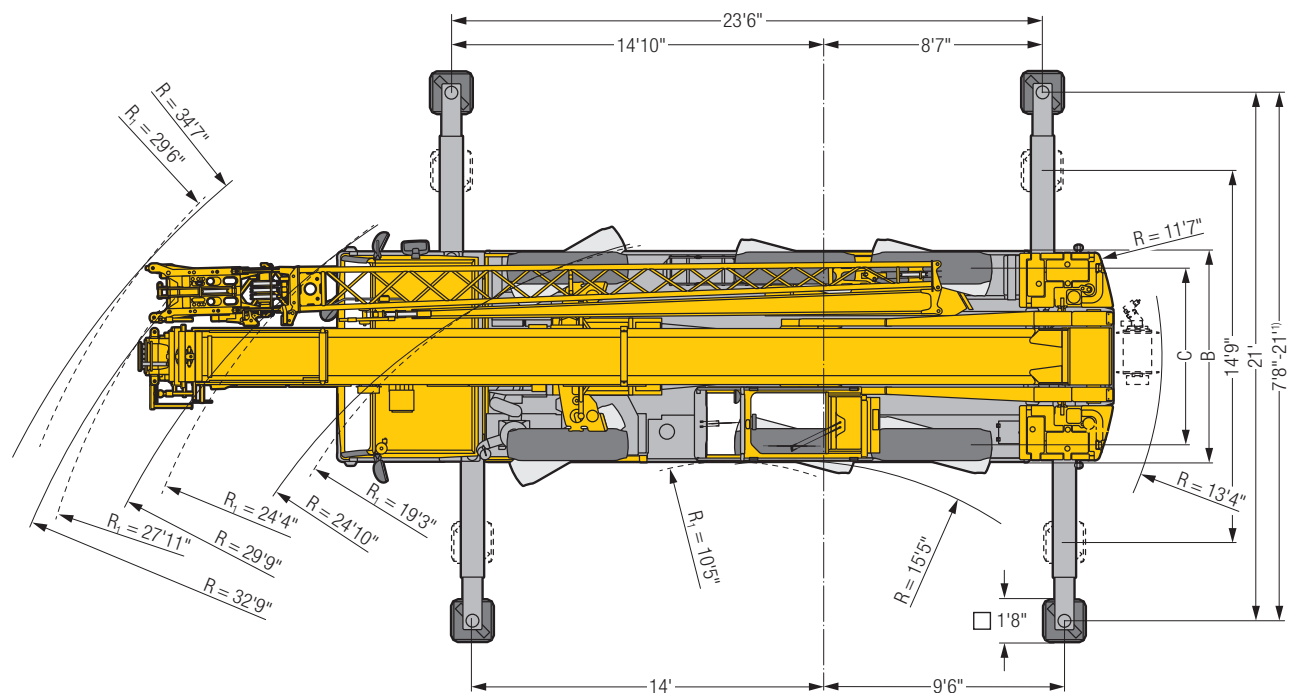
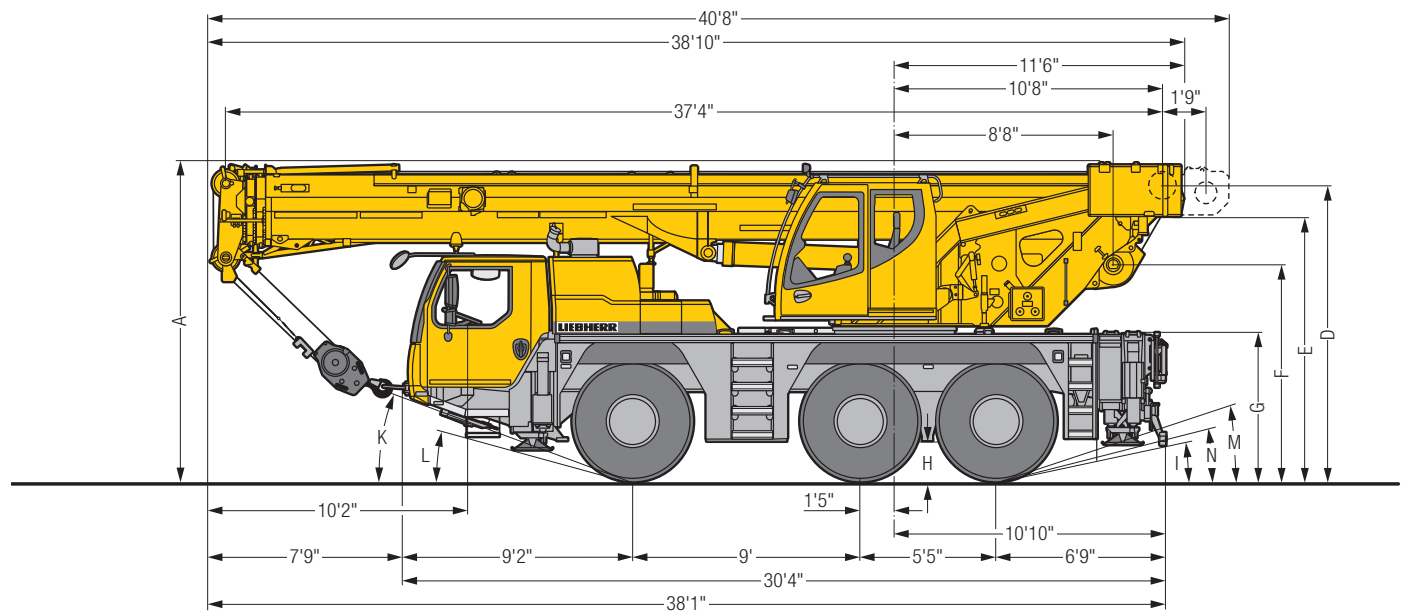
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Dimensions Encombrement



US2172.05

R_1 = All-wheel steering · Direction toutes roues

¹⁾ only with VarioBase® · seulement avec VarioBase®

Dimensions/Encombrement

	A	A 4" *	B	C	D	E	F	G	H	I	K	L	M	N
445/95 R 25 (16.00 R 25)	12'7"	12'3"	8'4"	6'11"	11'8"	10'5"	8'6"	5'9"	1'5"	12°	21°	15°	19°	14°
525/80 R 25 (20.5 R 25)	12'7"	12'3"	8'10"	7'1"	11'8"	10'5"	8'6"	5'9"	1'5"	12°	21°	15°	19°	14°

* lowered - abaissé

Mobile Crane/Grue mobile

LTM 1050-3.1



125 ft



30 ft – 52 ft



8.4 ft

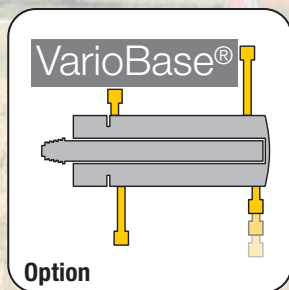


5 ft



19,800 lbs

€COmode



**Proven hydro-mechanical
telescoping system
Système de télescopage
hydromécanique éprouvé**



Weights Poids



Hook block/Moufles à crochet

Load lbs Forces de levage lbs	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
110,200	5	10	880
66,600	3	7	620
29,300	1	3	430
9,920	—	1	165

Working speeds Vitesses



Crane carrier/Châssis porteur

	min.	max.	%
445/95 R 25 (16.00 R 25) 525/80 R 25 (20.5 R 25)	0 – 0.4	53	61.4 %

	12 / R2
	4 / R2



Crane superstructure/Partie tournante

Drive Mécanismes	infinitely variable en continu	Rope diameter / length Diamètre / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 394 ft/min single line	0.59" / 607 ft	10,125 lbs
	0 – 394 ft/min single line	0.59" / 607 ft	10,125 lbs
	0 – 1.9 rpm		
	approx. 47 seconds to reach 82° boom angle env. 47 s jusqu'à 82°		
	approx. 80 seconds for boom extension from 37 ft – 125 ft env. 80 s pour passer de 37 ft – 125 ft		

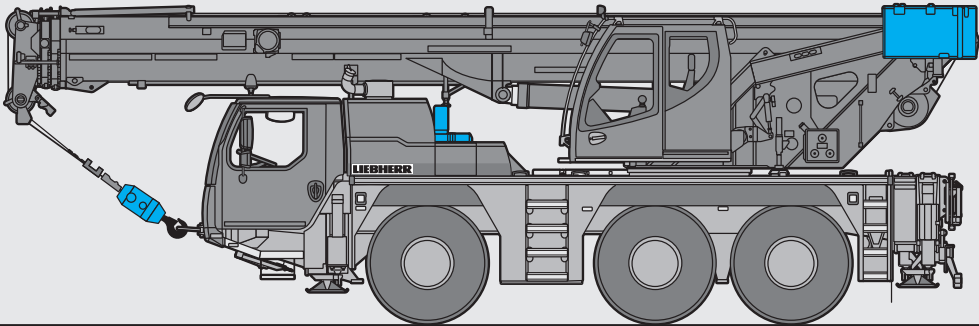
Counterweight Contrepoids



Technically transportable · Transport techniquement simplifié

Axle/Essieu

Axle Essieu	1	2	3	Total weight lbs Poids total lbs
lbs	26,400	26,400	26,400	79,200 ¹⁾
¹⁾ with 15,400 lbs counterweight · avec contrepoids 15,400 lbs				

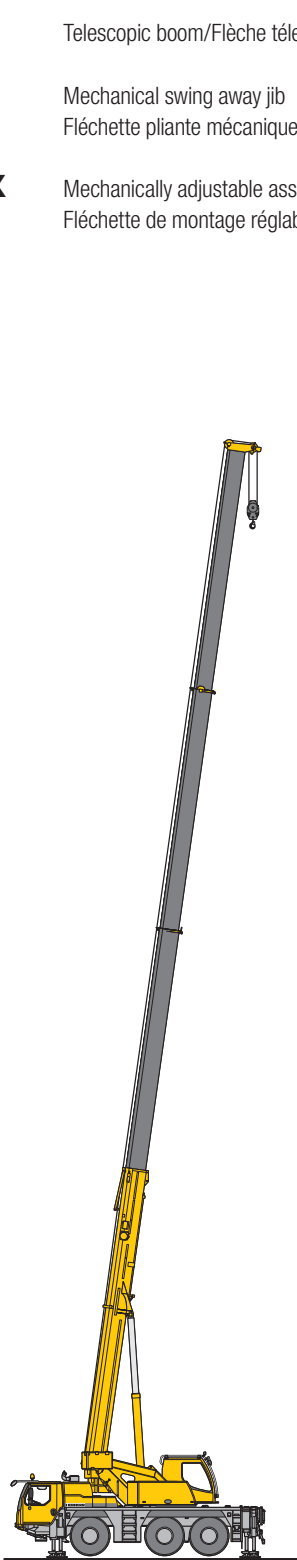


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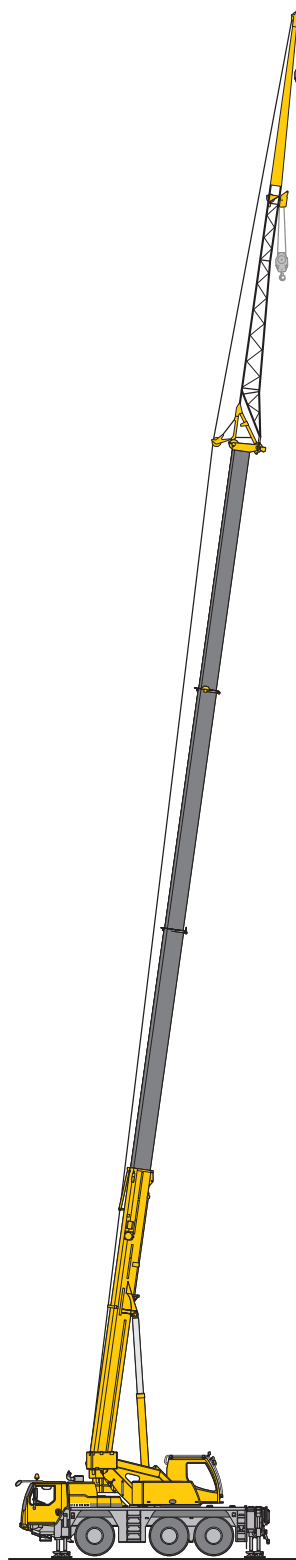
Boom/jib combinations

Configurations de flèche

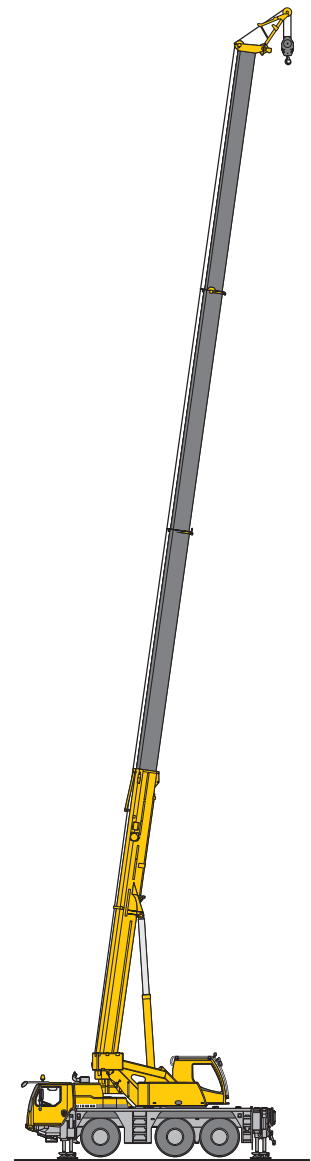
- T** Telescopic boom/Flèche télescopique
- K** Mechanical swing away jib
Fléchette pliante mécanique
- HK** Mechanically adjustable assembly jib
Fléchette de montage réglable mécaniquement



T
9 – 12



TK
13 – 17



THK
18 – 20

S3046

Lifting capacities

Forces de levage

T



	37 ft		55 ft		72 ft		90 ft		107 ft		117 ft		125 ft		
	*			**		**		**		**		**		**	
10	110.2	92.6	54.8	44.5	54.2	42.2	37.5	34.9							10
11	104.7	90	56.2	44.5	54.7	42	37.3	34.7							11
12	97.4	85.4	57.4	44.5	55.2	41.9	36.9	34.5							12
13	91.7	81	58.4	44.5	55.4	41.7	36.6	34.3	25.4	23.5					13
14	86.2	76.8	59.2	44.5	55.1	41.6	36.2	34.1	25.3	23.3					14
15	81.3	72.6	60.1	44.5	54.4	41.5	35.8	33.9	25.2	23.1					15
16	76.9	68.9	61	44.5	53.7	41.4	35.4	33.7	25	22.8	21	15.3			16
17	73.1	65.5	62	44.5	52.8	41.4	35	33.5	24.8	22.6	20.9	15.1	16.8	9.3	17
18	69.4	62.1	61.4	44.5	51.8	41.3	34.5	33.3	24.7	22.4	20.9	14.9	16.7	8.6	18
19	66.2	58.7	59.3	44.5	50.9	41.2	34	33.1	24.4	22.2	20.7	14.7	16.6	8.3	19
20	63	55.4	56.3	44.5	49.7	41.2	33.5	32.9	24.2	22	20.6	14.5	16.5	8.1	20
22	57.5	49.9	50.6	44.5	47.4	41.1	32.4	32.3	23.8	21.6	20.4	14.1	16.1	7.8	22
24	49.8	44.7	45.4	44.2	44.8	41	31.1	31.1	23.2	21.2	20	13.8	15.8	7.6	24
26	39.7	39.7	41.2	41.2	41.4	40.5	29.8	29.8	22.6	20.8	19.7	13.4	15.4	7.4	26
28			36.7	36.7	37	37	28.5	28.5	22	20.5	19.2	13.1	15.1	7.1	28
30			33.4	33.4	33.6	33.6	27.2	27.2	21.3	20.2	18.6	12.8	14.8	6.9	30
32			30.2	30.2	30.7	30.7	26	26	20.6	19.9	18	12.5	14.4	6.7	32
34			27.4	27.4	27.6	27.6	24.9	24.9	19.8	18.8	17.5	12.3	14.1	6.5	34
36			25.2	25.2	25.4	25.4	23.8	23.8	19	17.9	17	12	13.8	6.3	36
38			23.3	23.3	23.5	23.5	22.9	22.9	18.1	17.7	16.5	11.7	13.5	6.1	38
40			21.6	21.6	21.7	21.7	21.8	21.8	17.4	17.2	16	11.5	13.2	5.9	40
45					17.7	17.7	17.8	17.8	15.9	15.9	14.9	10.9	12.5	5.5	45
50					15.1	15.1	15.2	15.2	14.8	14.8	13.9	10.5	11.8	5.2	50
55					12.9	12.9	13.2	13.2	13.2	13.2	12.9	9.8	11.1	4.7	55
60					11.1	11.1	11.3	11.3	11.5	11.5	11.5	8.5	10.6	3.7	60
65							9.5	9.5	9.9	9.9	9.5	8.1	9.6	2.9	65
70							8.4	8.4	8.5	8.5	8.4	7.5	8.5	2.3	70
75							7.5	7.5	7.6	7.6	7.5	6.2	7.6		75
80									6.7	6.7	6.7	5.1	6.7		80
85									5.9	5.9	6	4.1	6		85
90									5.2	5.2	5.2	3.3	5.3		90
95									4.6	4.6	4.6	2.6	4.7		95
100											4.1	2	4.1		100
105											3.6		3.6		105
110													3.1		110

* over rear · sur arrière

** telescopic loads · capacités de levage en télescopage

t_185_00011_00_001 / t_185_00111_00_001

Lifting capacities

Forces de levage

T



	37 ft	55 ft		72 ft		90 ft		107 ft		117 ft		125 ft		
			**		**		**		**		**		**	
10	92.6	54.8	44.5	54.2	42.2	37.5	34.9							10
11	89.8	56.2	44.5	54.7	42	37.3	34.7							11
12	85.1	57.4	44.5	55.2	41.9	36.9	34.5							12
13	80.5	58.4	44.5	55.4	41.7	36.6	34.3	25.4	23.5					13
14	76	59.2	44.5	55.1	41.6	36.2	34.1	25.3	23.3					14
15	71.8	60.1	44.5	54.4	41.5	35.8	33.9	25.2	23.1					15
16	67.9	61	44.5	53.7	41.4	35.4	33.7	25	22.8	21	15.3			16
17	64.2	62	44.5	52.8	41.4	35	33.5	24.8	22.6	20.9	15.1	16.8	9.3	17
18	60.5	60.8	44.5	51.8	41.3	34.5	33.3	24.7	22.4	20.9	14.9	16.7	8.6	18
19	57.1	57.5	44.5	50.9	41.2	34	33.1	24.4	22.2	20.7	14.7	16.6	8.3	19
20	53.8	54.5	44.5	49.7	41.2	33.5	32.9	24.2	22	20.6	14.5	16.5	8.1	20
22	47.9	48.5	44.5	47	41.1	32.4	32.3	23.8	21.6	20.4	14.1	16.1	7.8	22
24	42.7	43.6	43.6	43.5	40.7	31.1	31.1	23.2	21.2	20	13.8	15.8	7.6	24
26	37.4	38.6	38.6	39	39	29.8	29.8	22.6	20.8	19.7	13.4	15.4	7.4	26
28		34.5	34.5	34.8	34.8	28.5	28.5	22	20.5	19.2	13.1	15.1	7.1	28
30		31.3	31.3	31.5	31.5	27.2	27.2	21.3	20.2	18.6	12.8	14.8	6.9	30
32		28.1	28.1	28	28	26	26	20.6	19.9	18	12.5	14.4	6.7	32
34		25.5	25.5	25.6	25.6	24.9	24.9	19.8	18.8	17.5	12.3	14.1	6.5	34
36		23.3	23.3	23.6	23.6	23.3	23.3	19	17.9	17	12	13.8	6.3	36
38		21.2	21.2	21.6	21.6	21.7	21.7	18.1	17.7	16.5	11.7	13.5	6.1	38
40		19.3	19.3	19.4	19.4	20	20	17.4	17.2	16	11.5	13.2	5.9	40
45				16.2	16.2	16.4	16.4	15.9	15.9	14.9	10.9	12.5	5.5	45
50				13.5	13.5	13.8	13.8	14	14	13.6	10.5	11.8	5.2	50
55				11.4	11.4	11.7	11.7	11.8	11.8	11.8	9.8	11.1	4.7	55
60				9.8	9.8	9.8	9.8	9.9	9.9	10	8.5	9.9	3.7	60
65						8.5	8.5	8.6	8.6	8.5	8.1	8.5	2.9	65
70						7.4	7.4	7.5	7.5	7.4	7.4	7.4	2.3	70
75						6.4	6.4	6.6	6.6	6.5	6.2	6.5		75
80								5.7	5.7	5.7	5.1	5.7		80
85								4.9	4.9	5	4.1	5		85
90								4.3	4.3	4.3	3.3	4.4		90
95								3.7	3.7	3.7	2.6	3.8		95
100										3.2	2	3.3		100
105										2.8		2.8		105
110												2.4		110

** telescopic loads · capacités de levage en télescopage

t_185_00113_00_001

Lifting capacities

Forces de levage

T



	37 ft	55 ft		72 ft		90 ft		107 ft		117 ft		125 ft		
		**		**		**		**		**		**		
10	92.6	54.8	44.5	54.2	42.2	37.5	34.9							10
11	89.7	56.2	44.5	54.7	42	37.3	34.7							11
12	85	57.4	44.5	55.2	41.9	36.9	34.5							12
13	80.2	58.4	44.5	55.4	41.7	36.6	34.3	25.4	23.5					13
14	75.6	59.2	44.5	55.1	41.6	36.2	34.1	25.3	23.3					14
15	71.4	60.1	44.5	54.4	41.5	35.8	33.9	25.2	23.1					15
16	67.4	61	44.5	53.7	41.4	35.4	33.7	25	22.8	21	15.3			16
17	63.5	61.8	44.5	52.8	41.4	35	33.5	24.8	22.6	20.9	15.1	16.8	9.3	17
18	59.7	60.4	44.5	51.8	41.3	34.5	33.3	24.7	22.4	20.9	14.9	16.7	8.6	18
19	56.3	56.9	44.5	50.9	41.2	34	33.1	24.4	22.2	20.7	14.7	16.6	8.3	19
20	52.9	53.7	44.5	49.7	41.2	33.5	32.9	24.2	22	20.6	14.5	16.5	8.1	20
22	47	47.7	44.5	46.4	41.1	32.4	32.3	23.8	21.6	20.4	14.1	16.1	7.8	22
24	41.4	42.1	42.1	41.5	40.2	31.1	31.1	23.2	21.2	20	13.8	15.8	7.6	24
26	36.3	37.2	37.2	37	37	29.8	29.8	22.6	20.8	19.7	13.4	15.4	7.4	26
28		33.3	33.3	33.2	33.2	28.5	28.5	22	20.5	19.2	13.1	15.1	7.1	28
30		29.7	29.7	30	30	27.2	27.2	21.3	20.2	18.6	12.8	14.8	6.9	30
32		26.9	26.9	27	27	25.7	25.7	20.6	19.9	18	12.5	14.4	6.7	32
34		24.4	24.4	24.7	24.7	23.9	23.9	19.8	18.8	17.5	12.3	14.1	6.5	34
36		22	22	22.4	22.4	22.1	22.1	19	17.9	17	12	13.8	6.3	36
38		20	20	20.4	20.4	20.4	20.4	18.1	17.7	16.5	11.7	13.5	6.1	38
40		18.3	18.3	18.6	18.6	18.8	18.8	17.4	17.2	16	11.5	13.2	5.9	40
45				15.3	15.3	15.5	15.5	15.3	15.3	14.7	10.9	12.5	5.5	45
50				12.7	12.7	12.9	12.9	13.1	13.1	12.8	10.5	11.8	5.2	50
55				10.7	10.7	10.9	10.9	11.1	11.1	11	9.8	10.9	4.7	55
60				9.1	9.1	9.1	9.1	9.3	9.3	9.2	8.5	9.2	3.7	60
65						7.9	7.9	8	8	7.9	7.9	7.9	2.9	65
70						6.9	6.9	6.9	6.9	6.8	6.8	6.9	2.3	70
75						5.9	5.9	6	6	6	6	6		75
80								5.2	5.2	5.2	5	5.2		80
85								4.5	4.5	4.5	4.1	4.6		85
90								3.9	3.9	3.9	3.3	4		90
95								3.3	3.3	3.3	2.6	3.4		95
100										2.8	2	2.9		100
105										2.4		2.5		105
110												2.1		110

** telescopic loads - capacités de levage en télescopage

t_185_00116_00_001



	37 ft						55 ft												
	19800 lbs		15400 lbs		12800 lbs		19800 lbs				15400 lbs				12800 lbs				
	0°	360°	0°	360°	0°	360°	0°	**	360°	**	0°	**	360°	**	0°	**	360°	**	
10			29.8		28										24.9	24.9			10
11			27.1		25.4										22.9	22.9			11
12			24.6		23										21.1	21.1			12
13			22.2		20.7										19.5	19.5			13
14	22.8		20		18.6										18	18			14
15	20.7		18.1		16.9										16.7	16.7			15
16	18.9		16.5		15.3	12.3									15.5	15.5			16
17	17.4		15.1		14	11.2	17.8	17.8							14.5	14.5			17
18	16		13.8		12.8	10.2	16.7	16.7							13.6	13.6			18
19	14.8		12.7	10.2	11.8	9.3	15.7	15.7							12.6	12.6			19
20	13.7		11.7	9.3	10.8	8.4	14.6	14.6							11.7	11.7	9.4	9.4	20
22	11.8		10	7.8	9.2	6.9	12.7	12.7							10.1	10.1	7.9	7.9	22
24	10.2	8.2	8.5	6.5	7.7	5.7	11.1	11.1							8.7	8.7	6.7	6.7	24
26	8.9	6.9	7.3	5.4	6.5	4.7	9.8	9.8							7.5	7.5	5.6	5.6	26
28							8.6	8.6							6.5	6.5	4.7	4.7	28
30							7.6	7.6	5.9	5.9					5.6	5.6	3.9	3.9	30
32							6.7	6.7	5.2	5.2	5.4	5.4	3.9	3.9	4.8	4.8	3.1	3.1	32
34							5.9	5.9	4.5	4.5	4.7	4.7	3.2	3.2	4.1	4.1	2.3	2.3	34
36							5.2	5.2	3.8	3.8	4.1	4.1	2.4	2.4	3.5	3.5	1.7	1.7	36
38							4.6	4.6	3.3	3.3	3.5	3.5	1.9	1.9	3	3			38
40							4	4	2.8	2.8	3	3			2.4	2.4			40

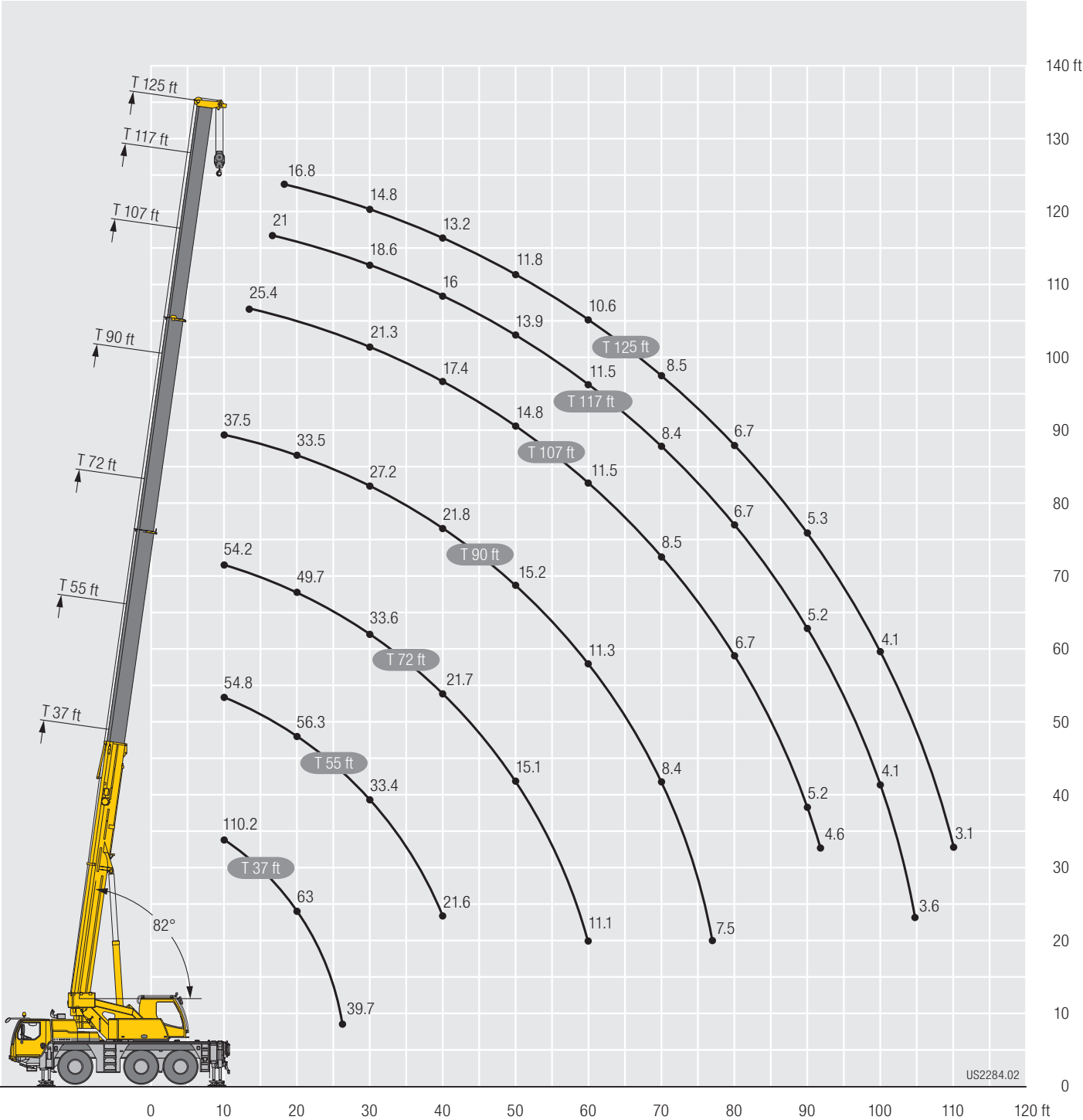
** telescopic loads - capacités de levage en télescopage

t_185_03111_00_001 / 03211_00_001 / 03113_00_001 / 03213_00_001 / 03116_00_001 / 03216_00_001

Lifting heights

Hauteurs de levage

T



Lifting capacities

Forces de levage

TK



	37 ft 30 ft				90 ft 30 ft								107 ft 30 ft								
	0°	20°	40°	60°	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	
10	13.5																				10
11	13.3																				11
12	13.2																				12
13	13.1	11.6			14.2	14.2															13
14	12.9	11.5			14.1	14.1															14
15	12.8	11.3			14.1	14.1															15
16	12.6	11.2			14	14															16
17	12.5	11			14	14							11.7	11.7							17
18	12.3	10.9			13.9	13.9							11.7	11.7							18
19	12.2	10.7			13.9	13.9							11.7	11.7							19
20	12	10.6			13.8	13.8							11.7	11.7							20
22	11.7	10.3	8.7		13.7	13.7							11.6	11.6							22
24	11.4	10.1	8.5		13.5	13.5	11.5	11.5					11.5	11.5							24
26	11.1	9.7	8.4	6.3	13.4	13.4	11.4	11.4					11.5	11.5							26
28	10.8	9.3	8.2	6.2	13.2	13.2	11.2	11.2					11.3	11.3	9.2	9.2					28
30	10.5	8.9	8.1	6.1	13.1	13.1	11	11					11.2	11.2	9.1	9.1					30
32	10.2	8.7	8	6.1	12.9	12.9	10.9	10.9	8.7	8.7			11.1	11.1	9.1	9.1					32
34	10	8.5	7.9	6	12.8	12.8	10.7	10.7	8.6	8.6			11	11	9.1	9.1					34
36	9.7	8.4	7.8	6	12.6	12.6	10.5	10.5	8.5	8.5			10.9	10.9	9	9					36
38	9.4	8.2	7.8	6	12.4	12.4	10.4	10.4	8.4	8.4	6.2	6.2	10.8	10.8	9	9	8.2	8.2			38
40	9	8.1	7.7	6	12.3	12.3	10.2	10.2	8.3	8.3	6.2	6.2	10.6	10.6	8.9	8.9	8.1	8.1			40
45	8.3	7.9	7.7		11.8	11.8	9.9	9.9	8.2	8.2	6.1	6.1	10	10	8.8	8.8	8	8	6.1	6.1	45
50	7.6	7.8			11.4	11.4	9.3	9.3	8	8	6	6	9.8	9.8	8.7	8.7	7.9	7.9	6	6	50
55	7	7.2			10.9	10.9	8.8	8.8	7.9	7.9	6	6	9.6	9.6	8.6	8.6	7.8	7.8	6	6	55
60					10.5	10.5	8.6	8.6	7.8	7.8	6	6	9.2	9.2	8.4	8.4	7.7	7.7	6	6	60
65					10	10	8.4	8.4	7.8	7.8			8.7	8.7	8.2	8.2	7.6	7.6	6	6	65
70					8.8	8.8	8.2	8.2	7.7	7.7			8.2	8.2	7.9	7.9	7.6	7.6	6	6	70
75					7.8	7.8	8	8	7.7	7.7			7.6	7.6	7.6	7.6	7.5	7.5			75
80					7	7	7.4	7.4	7.5	7.5			6.8	6.8	7.2	7.2	7.2	7.2			80
85					6.3	6.3	6.6	6.6	6.8	6.8			6.1	6.1	6.5	6.5	6.7	6.7			85
90					5.6	5.6	5.9	5.9					5.4	5.4	5.8	5.8	6	6			90
95					5	5	5.2	5.2					4.8	4.8	5.1	5.1	5.4	5.4			95
100					4.4	4.4	4.6	4.6					4.2	4.2	4.5	4.5	4.7	4.7			100
105					3.9	3.9							3.7	3.7	4	4					105
110													3.2	3.2	3.4	3.4					110
115													2.8	2.8	3	3					115
120													2.4	2.4							120
125													2.1	1.7							125

** telescopic loads - capacités de levage en télescopage

t_185_06111_00_001 / 06211_00_001 / 06311_00_001 / 06411_00_001

	117 ft 30 ft								125 ft 30 ft								
	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	
20	10.4	10.4															20
22	10.3	10.3							8.6	6.5							22
24	10	10							8.6	6.2							24
26	9.6	9.6							8.6	5.9							26
28	9.5	9.5							8.5	5.7							28
30	9.4	9.3							8.5	5.5							30
32	9.3	9.1	8.1	8.1					8.4	5.3							32
34	9.2	8.9	8	8					8.4	5.1	7.4	4.8					34
36	9.1	8.7	8	8					8.3	4.9	7.4	4.6					36
38	9	8.5	7.9	7.9					8.2	4.7	7.4	4.5					38
40	8.9	8.3	7.9	7.8	7.4	7.4			8.1	4.5	7.3	4.3					40
45	8.8	7.8	7.8	7.4	7.3	7.2	6.1	6.1	7.9	4.1	7.1	3.9	6.7	3.8			45
50	8.6	7.4	7.8	7	7.3	6.8	6	6	7.6	3.7	6.8	3.6	6.4	3.5	6.1	3.3	50
55	8.5	7	7.7	6.7	7.3	6.5	6	6	7.2	3.4	6.5	3.2	6.1	2.9	5.9	2.7	55
60	8.4	6.6	7.7	6.4	7.3	6.2	6	6	6.8	2.8	6.2	2.6	5.8	2.4	5.7	2.3	60
65	8.1	6.3	7.6	6.1	7.3	5.9	6	5.8	6.5	1.9	6	2	5.6	1.9	5.5	1.8	65
70	7.7	6	7.6	5.8	7.3	5.6	6	5.6	6.2		5.7	1.4	5.4	1.3	5.3	1.3	70
75	7.3	5.7	7.3	5.5	7.2	5.4	6	5.3	5.9		5.5		5.2		5.2		75
80	6.7	5.5	6.9	5.3	6.9	5.2			5.7		5.2		5		5		80
85	6	4.5	6.4	4.6	6.6	4.6			5.4		5		4.9				85
90	5.3	3.6	5.7	3.8	6	3.8			5.2		4.9		4.7				90
95	4.7	2.8	5.1	3	5.3	3.1			4.7		4.7		4.6				95
100	4.1	2.2	4.5	2.4	4.7	2.5			4.1		4.5		4.5				100
105	3.6	1.6	3.9	1.9	4.1	2			3.6		4		4.2				105
110	3.1		3.4	1.4					3.1		3.4		3.6				110
115	2.7		2.9						2.7		3						115
120	2.3		2.5						2.3		2.5						120
125	2		2.1						2		2.2						125
130	1.7								1.7		1.8						130
135	1.4								1.4		1.5						135

** telescopic loads - capacités de levage en télescopage

t_185_06111_00_001 / 06211_00_001 / 06311_00_001 / 06411_00_001

Lifting capacities

Forces de levage

TK



	37 ft 52 ft				90 ft 52 ft								107 ft 52 ft								
	0°	20°	40°	60°	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	
10	5.9																				10
11	6																				11
12	6.1																				12
13	6.1																				13
14	6.2																				14
15	6.2				6.5	6.5															15
16	6.1				6.5	6.5															16
17	6.1				6.5	6.5															17
18	6				6.5	6.5															18
19	6				6.5	6.5							5.7	5.7							19
20	5.9				6.4	6.4							5.7	5.7							20
22	5.8				6.4	6.4							5.7	5.7							22
24	5.7	5.1			6.3	6.3							5.7	5.7							24
26	5.5	4.9			6.3	6.3							5.7	5.7							26
28	5.4	4.8			6.2	6.2							5.6	5.6							28
30	5.3	4.7			6.1	6.1							5.6	5.6							30
32	5.1	4.6			6.1	6.1							5.5	5.5							32
34	5	4.5			6	6	5.1	5.1					5.5	5.5							34
36	4.9	4.4			6	6	5	5					5.5	5.5							36
38	4.8	4.3	3.8		5.9	5.9	4.9	4.9					5.4	5.4							38
40	4.7	4.2	3.8		5.8	5.8	4.8	4.8					5.4	5.4	4.6	4.6					40
45	4.4	4	3.6		5.6	5.6	4.6	4.6					5.2	5.2	4.5	4.5					45
50	4.2	3.8	3.5	3.2	5.4	5.4	4.5	4.5	3.8	3.8			5.1	5.1	4.4	4.4					50
55	4	3.7	3.4	3.1	5.2	5.2	4.3	4.3	3.7	3.7			5	5	4.2	4.2	3.6	3.6			55
60	3.8	3.5	3.3	3.1	5	5	4.2	4.2	3.6	3.6	3.2	3.2	4.8	4.8	4.1	4.1	3.6	3.6			60
65	3.6	3.4	3.3		4.8	4.8	4.1	4.1	3.5	3.5	3.2	3.2	4.7	4.7	4	4	3.5	3.5	3.2	3.2	65
70	3.5	3.4	3.3		4.7	4.7	3.9	3.9	3.5	3.5	3.1	3.1	4.6	4.6	3.9	3.9	3.5	3.5	3.1	3.1	70
75	3.4	3.4			4.5	4.5	3.8	3.8	3.4	3.4	3.1	3.1	4.4	4.4	3.8	3.8	3.4	3.4	3.1	3.1	75
80					4.3	4.3	3.8	3.8	3.4	3.4	3.1	3.1	4.3	4.3	3.7	3.7	3.4	3.4	3.1	3.1	80
85					4.2	4.2	3.7	3.7	3.3	3.3	3.1	3.1	4.2	4.2	3.7	3.7	3.3	3.3	3.1	3.1	85
90					4	4	3.6	3.6	3.3	3.3			4.1	4.1	3.6	3.6	3.3	3.3	3.1	3.1	90
95					3.9	3.9	3.5	3.5	3.3	3.3			4	4	3.5	3.5	3.3	3.3			95
100					3.8	3.8	3.5	3.5	3.3	3.3			3.9	3.9	3.5	3.5	3.3	3.3			100
105					3.7	3.7	3.4	3.4	3.3	3.3			3.7	3.7	3.4	3.4	3.3	3.3			105
110					3.6	3.6	3.4	3.4	3.3	3.3			3.5	3.5	3.4	3.4	3.3	3.3			110
115					3.4	3.4	3.4	3.4					3.2	3.2	3.3	3.3	3.3	3.3			115
120					3.1	3.1	3.3	3.3					2.8	2.8	3.1	3.1	3.3	3.3			120
125					2.7	2.7	2.9	2.9					2.4	2.4	2.8	2.8					125
130					2.4	2.4							2.1	2.1	2.4	2.4					130
135													1.8	1.8	2.1	2.1					135
140													1.6	1.5	1.7	1.7					140
145													1.3								145

** telescopic loads - capacités de levage en télescopage

t_185_06511_00_001 / 06611_00_001 / 06711_00_001 / 06811_00_001

	117 ft 52 ft								125 ft 52 ft						
	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	
22	5.3	5.3													22
24	5.3	5.3							4.9	4.9					24
26	5.2	5.2							4.9	4.9					26
28	5.2	5.2							4.9	4.8					28
30	5.2	5.2							4.9	4.6					30
32	5.1	5.1							4.8	4.5					32
34	5.1	5.1							4.8	4.3					34
36	5.1	5.1							4.8	4.1					36
38	5	5							4.7	3.9					38
40	5	5							4.7	3.9					40
45	4.9	4.9	4.3	4.3					4.6	3.5	4		3.4		45
50	4.8	4.8	4.2	4.2					4.5	3.2	4		3		50
55	4.7	4.7	4.1	4.1					4.5	2.7	4		2.3		55
60	4.6	4.6	4	4	3.5	3.5			4.4	1.9	3.9		1.7		60
65	4.5	4.5	3.9	3.9	3.5	3.5			4.3		3.8			1.5	65
70	4.4	4.4	3.8	3.8	3.4	3.4	3.1	3.1	4.3		3.8		3.4		70
75	4.3	4.3	3.8	3.8	3.4	3.4	3.1	3.1	4.2		3.7		3.3		75
80	4.2	4.2	3.7	3.7	3.3	3.3	3.1	3.1	4.1		3.6		3.3		80
85	4.1	4	3.6	3.6	3.3	3.3	3.1	3.1	4		3.6		3.3		85
90	4	3.2	3.6	3.2	3.3	3	3.1	2.9	3.9		3.5		3.2		90
95	3.9	2.5	3.5	2.7	3.3	2.6	3.1	2.6	3.8		3.4		3.2		95
100	3.8	2	3.4	2.2	3.2	2.2			3.6		3.4		3.2		100
105	3.7	1.5	3.4	1.9	3.2	1.9			3.5		3.3		3.1		105
110	3.4		3.4	1.5	3.2	1.6			3.3		3.1		3		110
115	3.1		3.3		3.2	1.3			2.9		3		3		115
120	2.7		3.1		3.2				2.6		2.9		2.9		120
125	2.3		2.7		3				2.2		2.6		2.8		125
130	2		2.4		2.6				1.9		2.3		2.5		130
135	1.7		2						1.6		2		2.2		135
140	1.4		1.7						1.3		1.7				140
145			1.4								1.4				145

** telescopic loads - capacités de levage en télescopage

t_185_06511_00_001 / 06611_00_001 / 06711_00_001 / 06811_00_001

Lifting capacities

Forces de levage

TK



	37 ft 30 ft				90 ft 30 ft								107 ft 30 ft								
	0°	20°	40°	60°	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	
10	13.5																				10
11	13.3																				11
12	13.2																				12
13	13.1	11.6			14.2	14.2															13
14	12.9	11.5			14.1	14.1															14
15	12.8	11.3			14.1	14.1															15
16	12.6	11.2			14	14															16
17	12.5	11			14	14							11.7	11.7							17
18	12.3	10.9			13.9	13.9							11.7	11.7							18
19	12.2	10.7			13.9	13.9							11.7	11.7							19
20	12	10.6			13.8	13.8							11.7	11.7							20
22	11.7	10.3	8.7		13.7	13.7							11.6	11.6							22
24	11.4	10.1	8.5		13.5	13.5	11.5	11.5					11.5	11.5							24
26	11.1	9.7	8.4	6.3	13.4	13.4	11.4	11.4					11.5	11.5							26
28	10.8	9.3	8.2	6.2	13.2	13.2	11.2	11.2					11.3	11.3	9.2	9.2					28
30	10.5	8.9	8.1	6.1	13.1	13.1	11	11					11.2	11.2	9.1	9.1					30
32	10.2	8.7	8	6.1	12.9	12.9	10.9	10.9	8.7	8.7			11.1	11.1	9.1	9.1					32
34	10	8.5	7.9	6	12.8	12.8	10.7	10.7	8.6	8.6			11	11	9.1	9.1					34
36	9.7	8.4	7.8	6	12.6	12.6	10.5	10.5	8.5	8.5			10.9	10.9	9	9					36
38	9.4	8.2	7.8	6	12.4	12.4	10.4	10.4	8.4	8.4	6.2	6.2	10.8	10.8	9	9	8.2	8.2			38
40	9	8.1	7.7	6	12.3	12.3	10.2	10.2	8.3	8.3	6.2	6.2	10.6	10.6	8.9	8.9	8.1	8.1			40
45	8.3	7.9	7.7		11.8	11.8	9.9	9.9	8.2	8.2	6.1	6.1	10	10	8.8	8.8	8	8	6.1	6.1	45
50	7.6	7.8			11.4	11.4	9.3	9.3	8	8	6	6	9.8	9.8	8.7	8.7	7.9	7.9	6	6	50
55	7	7.2			10.9	10.9	8.8	8.8	7.9	7.9	6	6	9.6	9.6	8.6	8.6	7.8	7.8	6	6	55
60					9.8	9.8	8.6	8.6	7.8	7.8	6	6	9.1	9.1	8.4	8.4	7.7	7.7	6	6	60
65					8.5	8.5	8.4	8.4	7.8	7.8			8	8	8.2	8.2	7.6	7.6	6	6	65
70					7.5	7.5	8	8	7.7	7.7			7	7	7.6	7.6	7.6	7.6	6	6	70
75					6.5	6.5	7	7	7.3	7.3			6.1	6.1	6.7	6.7	7.2	7.2			75
80					5.7	5.7	6.1	6.1	6.4	6.4			5.4	5.4	5.9	5.9	6.3	6.3			80
85					4.9	4.9	5.3	5.3	5.5	5.5			4.7	4.7	5.2	5.2	5.5	5.5			85
90					4.3	4.3	4.6	4.6					4.1	4.1	4.5	4.5	4.8	4.8			90
95					3.7	3.7	3.9	3.9					3.5	3.5	3.9	3.9	4.1	4.1			95
100					3.2	3.2	3.4	3.4					3	3	3.3	3.3	3.5	3.5			100
105					2.7	2.7							2.5	2.5	2.8	2.8					105
110													2.1	2.1	2.4	2.4					110
115													1.8	1.8	1.9	1.9					115
120													1.5	1.5							120

** telescopic loads - capacités de levage en télescopage

t_185_01116_00_001 / 01216_00_001 / 01316_00_001 / 01416_00_001

	117 ft 30 ft								125 ft 30 ft								
	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	
20	10.4	10.4															20
22	10.3	10.3							8.6	6.5							22
24	10	10							8.6	6.2							24
26	9.6	9.6							8.6	5.9							26
28	9.5	9.5							8.5	5.7							28
30	9.4	9.3							8.5	5.5							30
32	9.3	9.1	8.1	8.1					8.4	5.3							32
34	9.2	8.9	8	8					8.4	5.1	7.4	4.8					34
36	9.1	8.7	8	8					8.3	4.9	7.4	4.6					36
38	9	8.5	7.9	7.9					8.2	4.7	7.4	4.5					38
40	8.9	8.3	7.9	7.8	7.4	7.4			8.1	4.5	7.3	4.3					40
45	8.8	7.8	7.8	7.4	7.3	7.2	6.1	6.1	7.9	4.1	7.1	3.9	6.7	3.8			45
50	8.6	7.4	7.8	7	7.3	6.8	6	6	7.6	3.7	6.8	3.6	6.4	3.5	6.1	3.3	50
55	8.5	7	7.7	6.7	7.3	6.5	6	6	7.2	3.4	6.5	3.2	6.1	2.9	5.9	2.7	55
60	8.4	6.6	7.7	6.4	7.3	6.2	6	6	6.8	2.8	6.2	2.6	5.8	2.4	5.7	2.3	60
65	7.6	6.3	7.6	6.1	7.3	5.9	6	5.8	6.5	1.9	6	2	5.6	1.9	5.5	1.8	65
70	6.7	6	7.4	5.8	7.3	5.6	6	5.6	6.2		5.7	1.4	5.4	1.3	5.3	1.3	70
75	5.8	5.7	6.4	5.5	6.9	5.4	6	5.3	5.7		5.5		5.2		5.2		75
80	5.1	5.1	5.6	5.3	6.1	5.2			5		5.2		5		5		80
85	4.4	4.4	4.9	4.6	5.3	4.6			4.4		4.9		4.9				85
90	3.9	3.6	4.3	3.8	4.7	3.8			3.8		4.3		4.6				90
95	3.4	2.8	3.8	3	4	3.1			3.3		3.7		4.1				95
100	2.9	2.2	3.3	2.4	3.5	2.5			2.9		3.2		3.5				100
105	2.5	1.6	2.8	1.9	3	2			2.4		2.8		3				105
110	2		2.3	1.4					2.1		2.4		2.5				110
115	1.7		1.9						1.7		1.9						115
120	1.4		1.6						1.3		1.6						120
125											1.2						125

** telescopic loads - capacités de levage en télescopage

t_185_01116_00_001 / 01216_00_001 / 01316_00_001 / 01416_00_001

Lifting capacities

Forces de levage

TK



	37 ft 52 ft				90 ft 52 ft								107 ft 52 ft								
	0°	20°	40°	60°	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	
10	5.9																				10
11	6																				11
12	6.1																				12
13	6.1																				13
14	6.2																				14
15	6.2																				15
16	6.1				6.5	6.5															16
17	6.1				6.5	6.5															17
18	6				6.5	6.5															18
19	6				6.5	6.5							5.7	5.7							19
20	5.9				6.4	6.4							5.7	5.7							20
22	5.8				6.4	6.4							5.7	5.7							22
24	5.7	5.1			6.3	6.3							5.7	5.7							24
26	5.5	4.9			6.3	6.3							5.7	5.7							26
28	5.4	4.8			6.2	6.2							5.6	5.6							28
30	5.3	4.7			6.1	6.1							5.6	5.6							30
32	5.1	4.6			6.1	6.1							5.5	5.5							32
34	5	4.5			6	6	5.1	5.1					5.5	5.5							34
36	4.9	4.4			6	6	5	5					5.5	5.5							36
38	4.8	4.3	3.8		5.9	5.9	4.9	4.9					5.4	5.4							38
40	4.7	4.2	3.8		5.8	5.8	4.8	4.8					5.4	5.4	4.6	4.6					40
45	4.4	4	3.6		5.6	5.6	4.6	4.6					5.2	5.2	4.5	4.5					45
50	4.2	3.8	3.5	3.2	5.4	5.4	4.5	4.5	3.8	3.8			5.1	5.1	4.4	4.4					50
55	4	3.7	3.4	3.1	5.2	5.2	4.3	4.3	3.7	3.7			5	5	4.2	4.2	3.6	3.6			55
60	3.8	3.5	3.3	3.1	5	5	4.2	4.2	3.6	3.6	3.2	3.2	4.8	4.8	4.1	4.1	3.6	3.6			60
65	3.6	3.4	3.3		4.8	4.8	4.1	4.1	3.5	3.5	3.2	3.2	4.7	4.7	4	4	3.5	3.5	3.2	3.2	65
70	3.5	3.4	3.3		4.7	4.7	3.9	3.9	3.5	3.5	3.1	3.1	4.6	4.6	3.9	3.9	3.5	3.5	3.1	3.1	70
75	3.4	3.4			4.5	4.5	3.8	3.8	3.4	3.4	3.1	3.1	4.4	4.4	3.8	3.8	3.4	3.4	3.1	3.1	75
80					4.3	4.3	3.8	3.8	3.4	3.4	3.1	3.1	4.3	4.3	3.7	3.7	3.4	3.4	3.1	3.1	80
85					4.2	4.2	3.7	3.7	3.3	3.3	3.1	3.1	4.2	4.2	3.7	3.7	3.3	3.3	3.1	3.1	85
90					4	4	3.6	3.6	3.3	3.3			4.1	4.1	3.6	3.6	3.3	3.3	3.1	3.1	90
95					3.9	3.9	3.5	3.5	3.3	3.3			3.8	3.8	3.5	3.5	3.3	3.3			95
100					3.7	3.7	3.5	3.5	3.3	3.3			3.4	3.4	3.5	3.5	3.3	3.3			100
105					3.2	3.2	3.4	3.4	3.3	3.3			2.9	2.9	3.4	3.4	3.3	3.3			105
110					2.8	2.8	3.2	3.2	3.2	3.2			2.5	2.5	3	3	3.3	3.3			110
115					2.4	2.4	2.7	2.7					2.2	2.2	2.6	2.6	2.9	2.9			115
120					2.1	2.1	2.3	2.3					1.8	1.8	2.2	2.2	2.5	2.5			120
125					1.8	1.8	2	2					1.5	1.5	1.9	1.9					125
130					1.5	1.5									1.5	1.5					130
135															1.2	1.2					135

** telescopic loads - capacités de levage en télescopage

L185_01516_00_001 / 01616_00_001 / 01716_00_001 / 01816_00_001

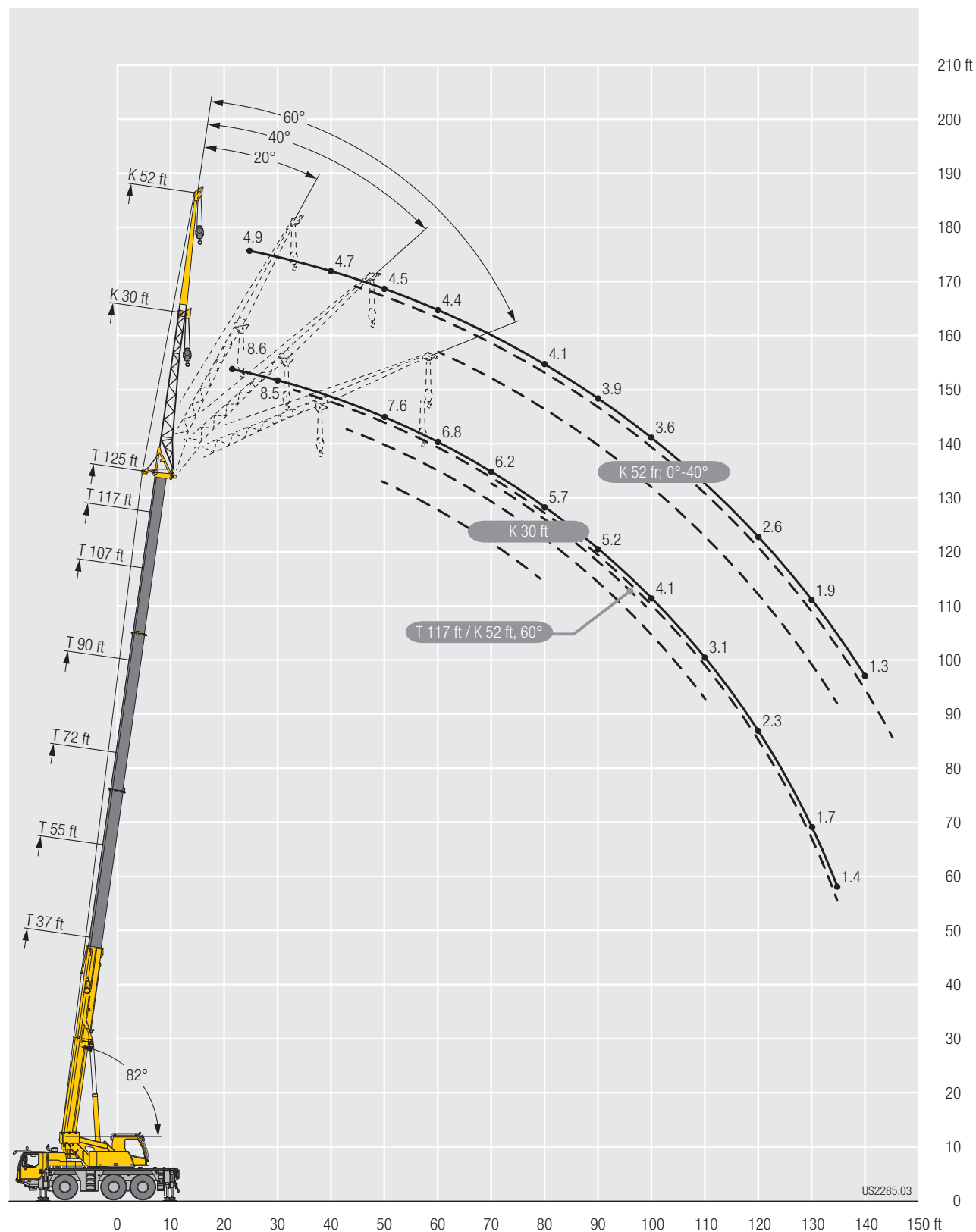
	117 ft 52 ft								125 ft 52 ft						
	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	
22	5.3	5.3							4.9	4.9					22
24	5.3	5.3							4.9	4.9					24
26	5.2	5.2							4.9	4.9					26
28	5.2	5.2							4.9	4.8					28
30	5.2	5.2							4.8	4.6					30
32	5.1	5.1							4.8	4.5					32
34	5.1	5.1							4.8	4.3					34
36	5.1	5.1							4.8	4.1					36
38	5	5							4.7	3.9					38
40	5	5							4.6	3.5	4	3.4			40
45	4.9	4.9	4.3	4.3					4.5	3.2	4	3			45
50	4.8	4.8	4.2	4.2					4.5	2.7	4	2.3			50
55	4.7	4.7	4.1	4.1					4.4	1.9	3.9	1.7	3.5	1.5	55
60	4.6	4.6	4	4	3.5	3.5			4.3		3.8		3.4		60
65	4.5	4.5	3.9	3.9	3.5	3.5			4.2		3.7		3.3		65
70	4.4	4.4	3.8	3.8	3.4	3.4	3.1	3.1	4.1		3.6		3.3		70
75	4.3	4.3	3.8	3.8	3.4	3.4	3.1	3.1	4		3.6		3.3		75
80	4.2	4.2	3.7	3.7	3.3	3.3	3.1	3.1	3.8		3.5		3.2		80
85	4.1	4	3.6	3.6	3.3	3.3	3.1	3.1	3.4		3.4		3.2		85
90	4	3.2	3.6	3.2	3.3	3	3.1	2.9	2.9		3.5		3.2		90
95	3.5	2.5	3.5	2.7	3.3	2.6	3.1	2.6	2.9		3.4		3.2		95
100	3.1	2	3.4	2.2	3.2	2.2			2.5		3.1		3.1		100
105	2.7	1.5	3.3	1.9	3.2	1.9			2.2		2.7		3		105
110	2.3		2.9	1.5	3.2	1.6			1.8		2.3		2.8		110
115	2		2.5		2.9	1.3			1.5		2		2.4		115
120	1.6		2.1		2.4				1.2		1.7		2		120
125	1.4		1.8		2.1						1.4		1.6		125
130			1.5		1.7								1.3		130
135															135

** telescopic loads - capacités de levage en télescopage

L185_01516_00_001 / 01616_00_001 / 01716_00_001 / 01816_00_001

Lifting heights Hauteurs de levage

TK



Lifting capacities

Forces de levage

THK



85%

	37 ft				55 ft								72 ft								90 ft											
	5 ft				5 ft								5 ft								5 ft											
	0°	20°	40°	60°	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**				
24	44.8	45.1	43.4	44.1					45.6	42.9	46	42.2					43.7	39.1	42.7	37.3					29.3	29.3	28.7	28.7	24			
26	40.7	41	40.7	41.5				41.1	41.1	41.4	41.4	41.8	41.2					40.1	39	40.5	37.2					28.1	28.1	27.4	27.4	26		
28	36.3	36.5	36.8	36.9				36.7	36.7	37.1	37.1	37.5	37.5					36.6	36.5	37.1	36.7					27	27	26.3	26.3	28		
30	31.9	33.2	33.3	33.4				33.3	33.3	33.6	33.6	33.8	33.8					33.5	33.5	33.9	33.9					25.9	25.9	25.2	25.2	30		
32			23.7					30.2	30.2	30.7	30.7	30.9	30.9					30.4	30.4	31	31					24.8	24.8	24.3	24.3	32		
34								27.4	27.4	27.8	27.8	28.2	28.2					27.6	27.6	28	28					23.6	23.6	23.3	23.3	34		
36								25.1	25.1	25.4	25.4	25.6	25.6			25.1	25.1	25.4	25.4	25.7	25.7					22.7	22.7	22.5	22.5	36		
38					23	23	23.3	23.3	23.5	23.5	23.6	23.6			23.2	23.2	23.5	23.5	23.7	23.7						21.9	21.9	21.7	21.7	38		
40					21.3	21.3	21.6	21.6	21.7	21.7	21.9	21.9			21.5	21.5	21.7	21.7	22	22						21	21	21	21	40		
45					17.3	17.3	17.4	17.4	17.5	17.5	17.6	17.6			17.6	17.6	17.6	17.6	17.7	17.7			17.4	17.4	17.6	17.6	17.7	17.7			45	
50															14.8	14.8	15	15	15.1	15.1			14.8	14.8	15	15	15.1	15.1			50	
55														12.6	12.6	12.7	12.7	12.9	12.9	13	13			12.8	12.8	12.9	12.9	13.1	13.1			55
60														10.8	10.8	11	11	11	11	11.1	11.1			11.1	11.1	11.2	11.2	11.3	11.3			60
65														9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3			9.4	9.4	9.6	9.6	9.4	9.4			65
70																					8	8	8.1	8.1	8.2	8.2	8.3	8.3			70	
75																					7.1	7.1	7.2	7.2	7.3	7.3	7.3	7.3			75	
80																					6.2	6.2	6.3	6.3	6.3	6.3	6.4	6.4			80	

** telescopic loads - capacités de levage en télescopage

t_185_09111_00_001 / 09211_00_001 / 09311_00_001 / 09411_00_001

	107 ft								117 ft								125 ft						
	5 ft								5 ft								5 ft						
	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	20°	**	40°	**	60°	**	
24					22	20.1	21.9	19.4							17.8	12.7					14.7	6.8	24
26					21.4	19.6	21.2	18.3					17.9	12.6	17.6	12.4					14.4	6.5	26
28					20.7	18.6	20.4	17.7					17.6	12.3	17.3	12.1			14.2	6.4	14.1	6.3	28
30					20	17.8	19.7	17.4					17.2	12	16.9	11.8			13.9	6.2	13.8	6.1	30
32					19.2	17.4	19.1	17.2					16.8	11.7	16.5	11.5			13.5	6	13.5	5.9	32
34					18.5	17.1	18.4	16.9					16.3	11.4	16	11.2			13.3	5.8	13.1	5.7	34
36					17.8	16.9	17.7	16.7					15.9	11.1	15.6	11			12.9	5.6	12.8	5.5	36
38					17.1	16.6	17	16.4					15.4	10.9	15.1	10.7			12.6	5.4	12.5	5.3	38
40					16.4	16.2	16.4	16.1					14.9	10.6	14.6	10.4			12.3	5.2	12.2	5.1	40
45					14.8	14.8	14.8	14.8					13.9	10.1	13.7	8.9			11.6	4.8	11.6	4.7	45
50					13.7	13.7	13.7	13.7					12.9	8.8	12.7	8.2			11	4.4	10.9	4.4	50
55			12.7	12.7	12.7	12.7	12.7	12.7					12.1	8	11.9	7.9			10.4	3.6	10.3	3.6	55
60			11.1	11.1	11.3	11.3	11.4	11.4					10.9	7.6	11.1	7.6			9.8	2.7	9.8	2.7	60
65			9.3	9.3	9.7	9.7	9.4	9.4			9.3	7.4	9.5	7.3	9.4	7.3	9.2	1.9	9.3	1.9	9.3	1.9	65
70			8.1	8.1	8.2	8.2	8.3	8.3			8.1	7.1	8.2	7.1	8.3	6.9	8.1		8.2		8.3	1.2	70
75			7.2	7.2	7.3	7.3	7.4	7.4			7.2	6	7.3	5.9	7.4	5.9	7.2		7.3		7.3		75
80			6.3	6.3	6.4	6.4	6.5	6.5			6.4	4.7	6.4	4.7	6.5	4.7	6.4		6.5		6.5		80
85	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.6			5.6	3.7	5.6	3.7	5.7	3.8	5.6		5.6		5.7		85
90	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.7	2.8	4.8	2.9	4.9	2.9	5	3	4.8		4.9		5		90
95	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.1	2.1	4.2	2.2	4.2	2.2	4.3	2.3	4.2		4.3		4.3		95
100	3.6	3.2	3.6	3.6	3.7	3.7	3.6	3.6	3.6	1.5	3.6	1.6	3.7	1.6	3.7	1.6	3.6		3.7		3.7		100
105									3.1		3.1		3.2		3.2		3.1		3.2		3.2		105
110									2.7		2.7		2.7		2.7		2.7		2.7		2.7		110
115																	2.3		2.3		2.3		115

** telescopic loads - capacités de levage en télescopage

t_185_09111_00_001 / 09211_00_001 / 09311_00_001 / 09411_00_001

Lifting capacities

Forces de levage

THK



85%

	37 ft				55 ft								72 ft								90 ft								
	5 ft				5 ft								5 ft								5 ft								
	0°	20°	40°	60°	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	
24	41.6	42	42.2	42.6					42.2	42.2	42.8	41.6					38.8	38.8	39.4	37					29.3	29.3	28.7	28.7	24
26	36.6	36.9	37.2	37.6			37.1	37.1	37.5	37.5	38.1	38.1					34.7	34.7	35.3	35.3					28.1	28.1	27.4	27.4	26
28	32.9	33.2	33.4	33.6			33.3	33.3	33.7	33.7	34	34					31.4	31.4	31.8	31.8					27	27	26.3	26.3	28
30	29.7	29.7	29.9	30.1			29.7	29.7	30.4	30.4	30.6	30.6					28.5	28.5	28.8	28.8					25.9	25.9	25.2	25.2	30
32			23.7				26.9	26.9	27	27	27.3	27.3					26	26	26.3	26.3					24.4	24.4	24.3	24.3	32
34							24.4	24.4	24.7	24.7	24.9	24.9					23.8	23.8	24.2	24.2					22.5	22.5	22.7	22.7	34
36							22.1	22.1	22.4	22.4	22.5	22.5			21.6	21.6	21.9	21.9	22.3	22.3					20.8	20.8	21	21	36
38					19.8	19.8	20.1	20.1	20.3	20.3	20.5	20.5			20	20	20.2	20.2	20.6	20.6					19.2	19.2	19.5	19.5	38
40					18.1	18.1	18.4	18.4	18.5	18.5	18.7	18.7			18.4	18.4	18.6	18.6	18.9	18.9					17.8	17.8	18.1	18.1	40
45					14.7	14.7	14.9	14.9	15	15	15.1	15.1			15.1	15.1	15.3	15.3	15.4	15.4			14.8	14.8	15	15	15.2	15.2	45
50															12.5	12.5	12.7	12.7	12.8	12.8			12.5	12.5	12.7	12.7	12.9	12.9	50
55													10.3	10.3	10.5	10.5	10.6	10.6	10.7	10.7			10.6	10.6	10.8	10.8	10.9	10.9	55
60													8.8	8.8	8.9	8.9	9	9	9.1	9.1			9	9	9.1	9.1	9.2	9.2	60
65													7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.7			7.7	7.7	7.8	7.8	7.9	7.9	65
70																					6.4	6.4	6.5	6.5	6.6	6.6	6.7	6.7	70
75																					5.4	5.4	5.6	5.6	5.6	5.6	5.7	5.7	75
80																					4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8	80

** telescopic loads - capacités de levage en télescopage

t_185_04116_00_001 / 04216_00_001 / 04316_00_001 / 04416_00_001

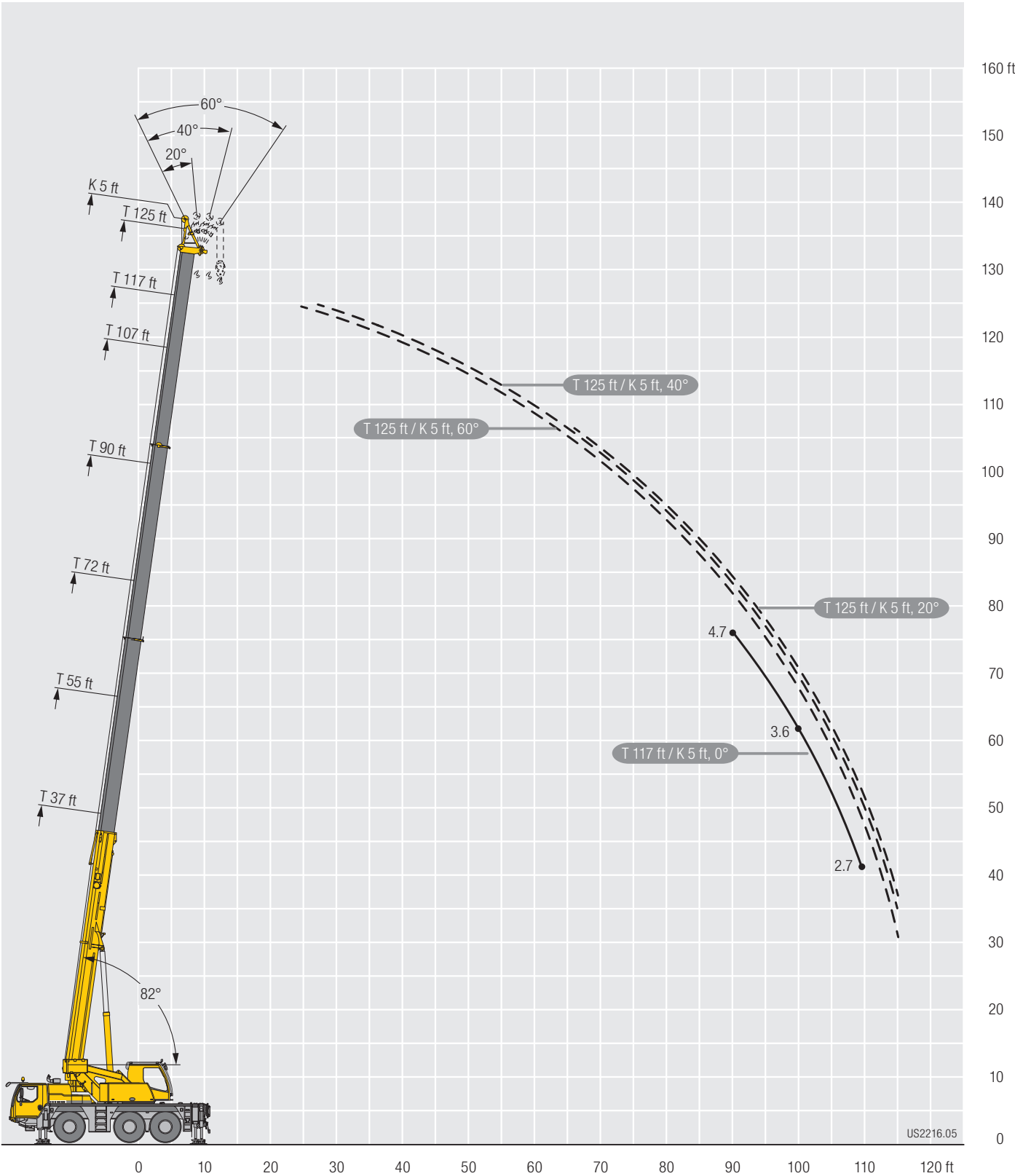
	107 ft								117 ft								125 ft						
	5 ft								5 ft								5 ft						
	0°	**	20°	**	40°	**	60°	**	0°	**	20°	**	40°	**	60°	**	20°	**	40°	**	60°	**	
24					22	20.1	21.9	19.4							17.8	12.7					14.7	6.8	24
26					21.4	19.6	21.2	18.3					17.9	12.6	17.6	12.4					14.4	6.5	26
28					20.7	18.6	20.4	17.7					17.6	12.3	17.3	12.1			14.2	6.4	14.1	6.3	28
30					20	17.8	19.7	17.4					17.2	12	16.9	11.8			13.9	6.2	13.8	6.1	30
32					19.2	17.4	19.1	17.2					16.8	11.7	16.5	11.5			13.5	6	13.5	5.9	32
34					18.5	17.1	18.4	16.9					16.3	11.4	16	11.2			13.3	5.8	13.1	5.7	34
36					17.8	16.9	17.7	16.7					15.9	11.1	15.6	11			12.9	5.6	12.8	5.5	36
38					17.1	16.6	17	16.4					15.4	10.9	15.1	10.7			12.6	5.4	12.5	5.3	38
40					16.4	16.2	16.4	16.1					14.9	10.6	14.6	10.4			12.3	5.2	12.2	5.1	40
45					14.3	14.3	14.5	14.5					13.7	10.1	13.6	8.9			11.6	4.8	11.6	4.7	45
50					12.2	12.2	12.4	12.4					11.8	8.8	12.1	8.2			11	4.4	10.9	4.4	50
55			10.3	10.3	10.4	10.4	10.6	10.6					10.2	8	10.4	7.9			10	3.6	10.2	3.6	55
60			8.8	8.8	9	9	9.1	9.1					8.7	7.6	9	7.6			8.7	2.7	8.8	2.7	60
65			7.7	7.7	7.8	7.8	7.9	7.9			7.5	7.4	7.6	7.3	7.8	7.3	7.4	1.9	7.5	1.9	7.6	1.9	65
70			6.6	6.6	6.7	6.7	6.8	6.8			6.5	6.5	6.6	6.6	6.7	6.7	6.4		6.5		6.6	1.2	70
75			5.6	5.6	5.7	5.7	5.8	5.8			5.6	5.6	5.7	5.7	5.8	5.8	5.5		5.7		5.7		75
80			4.8	4.8	4.9	4.9	4.9	4.9			4.9	4.7	4.9	4.7	5	4.7	4.8		4.9		5		80
85	4	4	4.1	4.1	4.1	4.1	4.2	4.2			4.1	3.7	4.2	3.7	4.3	3.8	4.1		4.2		4.3		85
90	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.4	2.8	3.5	2.9	3.5	2.9	3.6	3	3.5		3.6		3.6		90
95	2.8	2.8	2.9	2.9	2.9	2.9	3	3	2.8	2.1	2.9	2.2	2.9	2.2	3	2.3	2.9		3		3.1		95
100	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	1.5	2.4	1.6	2.5	1.6	2.5	1.6	2.4		2.5		2.6		100
105									1.9		2		2		2.1		2		2.1		2.1		105
110									1.6		1.6		1.6		1.6		1.6		1.7		1.7		110
115																	1.3		1.3		1.3		115

** telescopic loads - capacités de levage en télescopage

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Lifting heights Hauteurs de levage

THK



Equipment

Equipement

Crane carrier

Frame	Liebherr designed and manufactured, box-type, torsion resistant design of hightensile fine grained structural steel.
Outriggers	4-point supporting system, hydraulically telescopable into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display.
Engine	6-cylinder Diesel, make Liebherr, watercooled, output 270 kW (367 h.p.), max. torque 1,268 lbs.-ft. Exhaust emissions acc. to 97/68/EG, EPA/CARB, ECE-R.96. Fuel reservoir: 92 gallons.
Transmission	ZF 12-speed gear box with automatic control system. Two-stage transfer case with lockable transfer differential.
Axles	All axles steered. Axles 2 and 3 with planetary gears and differential locks.
Suspension	All axles with hydropneumatic suspension and hydraulic locking facility.
Tyres	6 tyres. Tyre size: 445/95 R 25 (16.00 R 25).
Steering	2-circuit system with hydraulic servo steering and auxiliary pump circuit. 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. Hand brake: Spring-loaded, acting on all wheels of axles 1 and 3. Sustained-action brake: Exhaust retarder with additional Liebherr braking system.
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-made, torsion-resistant, welded construction of high-tensile structural steel, single-row ball bearing slewing ring.
Crane drive	Diesel-hydraulic with 1 axial variable displacement pump with automatic capacity control, 1 double gear pump, driven by the carrier Diesel engine, open regulated oil circuits with electrically controlled "load sensing", operation of 4 movements simultaneously.
Control	Electrical control of drives by self-centering joysticks, data transfer with Liebherr System Bus (LSB).
Hoist gear	Axial piston fixed displacement motor, hoist drum with integrated planetary gear and spring-loaded static brake, actuation by open regulated oil circuit.
Luffing gear	1 differential ram with pilot operated brake valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake.
Crane cab	Corrosion resistant, large field of vision, safety glazing.
Safety devices	LICCON2 safe load indicator, hoist limit switch, safety valves against pipe and hose rupture, test system for servicing.
Telescopic boom	1 base section and 3 telescopic sections. The telescopes are extended by a three-stage hydromechanic telescoping system with double pulley block. Boom telescopable under partial load. Boom length: 37 ft – 125 ft.
Counterweight	15,400 lbs
Electrical system	Modern data bus technique, 24 Volt DC.

Operating modes

K	Single folding jib, 30 ft Double swing-away jib 30 ft – 52 ft Adjustment 0°, 20°, 40°, 60°
HK	Erection jib 5 ft Adjustment 0°, 20°, 40°, 60°

Additional equipment

Additional counterweight	4,400 lbs for a total counterweight of 19,800 lbs.
Tyres	6 tyres. Tyre size: 525/80 R 25 (20.5 R 25).
Drive 6 x 6	Axle 1 additionally driven.

Other items of equipment available on request.

The pictures contain also accessories and special equipment not included in the standard scope of delivery.

Equipment

Équipement

Châssis porteur

Cadre	Fabrication Liebherr, construction en caisson indéformable, en acier à haute résistance à grains fins.
Calage	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Utilisation avec commande à distance, mise à niveau automatique du calage, inclinomètre électronique.
Moteur	Moteur diesel, 6 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 270 kW (367 ch), couple max. 1,268 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG, EPA/CARB, ECE-R.96. Capacité du réservoir à carburant: 92 gallons.
Boîte de vitesse	Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande. Boîte de transfert à 2 étages avec blocage de différentiel.
Essieux	Tous les essieux sont directeurs. Les essieux 2 et 3 avec planétaires et blocages de différentiels.
Suspension	Tous les essieux sont suspendus hydropneumatiquement et blocable hydrauliquement.
Pneumatiques	6 roues. Taille: 445/95 R 25 (16.00 R 25).
Direction	2 circuits avec direction assistée hydraulique avec pompe auxiliaire entraînée par essieu. Direction active des essieux arrière et dépendante de la vitesse, programmes de direction spéciaux pour les différents modes de déplacement.
Freins	Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits. Frein à main: par cylindres à ressorts, agissant sur les roues des essieux 1 et 3. Frein à régime continu: Ralentisseur sur échappement avec système de freinage additionnel Liebherr.
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 mécanosoudée en tôle d'acier à haute résistance à grains fins. Couronne d'orientation à 1 rangée de billes.
Entraînement	Diesel hydraulique avec 1 pompe double à débit variable et régulation de puissance automatique, 1 pompe à engrenages double, entraînés par le moteur Diesel du porteur, circuits hydrauliques ouverts avec «load sensing», régulé électriquement. 4 mouvements simultanés praticables.
Commande	Commande électrique des mécanismes par leviers de manoeuvre à centrage automatique, Liebherr Système Bus (LSB) pour la transmission.
Mécanisme de levage	Moteur hydraulique à cylindrée constante, treuil à réducteur planétaire incorporé et frein d'arrêt à ressort, en circuit hydraulique ouvert ou fermé et régulé.
Mécanisme de relevage	1 vérin différentiel à soupape pilotage de freinage.
Dispositif de rotation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort.

Cabine de grue	Résistante à la corrosion, visibilité panoramique, avec vitrage de sécurité.
Dispositif de sécurité	Contrôleur de charge LICCON2, fin de course crochet haut, clapets de sécurité en cas de ruptures de flexibles.
Flèche télescopique	1 élément de base et 3 éléments télescopiques. Les éléments télescopiques sont sortis via une poulie moufle à 2 brins grâce à un système de télescopage hydromécanique à 3 positions. Flèche télescopable sous contrepoids partiel. Longueur de flèche: 37 ft – 125 ft.
Contrepoids	15,400 lbs
Installation électrique	Technique moderne de transmission de données par BUS de données, courant continu 24 Volts.

Modes de fonctionnement

K	Fléchette pliante simple, longueur 30 ft Double fléchette pliante 30 ft – 52 ft Positionnement à 0°, 20°, 40°, 60°
HK	Fléchette de montage 5 ft Positionnement à 0°, 20°, 40°, 60°

Équipement supplémentaire

Contrepoids additionnel	4,400 lbs pour un contrepoids total de 19,800 lbs.
Pneumatiques	6 roues. Taille: 525/80 R 25 (20.5 R 25).
Entraînement 6 x 6	Essieu 1 est entraîné additionnellement.

Autres équipements supplémentaires sur demande.

Les figures contiennent également des accessoires et des équipements spéciaux non inclus de série dans la livraison.

Description of symbols Explication des symboles

General symbols/Symboles généraux



Outriggers
Calage



Outriggers – free on tyres
Calage – libre sur pneus



Axle
Essieu



Radius
Portée



Boom length
Longueur de la flèche



Boom position
Position de la flèche



Counterweight
Contrepoids



Tyres
Pneumatiques



Slewing gear / Working area
Mécanisme d'orientation / Plage de travail



Standard
Norme



Driving speed
Vitesse de translation



Driving speed – Onroad gear
Vitesse de translation – Vitesse de route



Driving speed – Crawl speed
Vitesse de translation – Marche lente



Transmission
Boîte de vitesse



Gear
Vitesse



Hookblock / Capacity
Moufle à crochet / Capacité de charge



Hoist gear
Treuil de levage



Crane carrier
Châssis porteur



Crane superstructure
Partie tournante de la grue



Gradability
Aptitude à gravir les pentes

Crane specific symbols/Symboles spécifiques à la grue



Telescopic boom
Flèche télescopique



Swing away jib
Fléchette pliante



Erection jib
Fléchette de montage

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 centre.
6. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
7. Lifting capacities above 92,600 lbs only with additional pulley block.
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 92,600 lbs seulement avec moufle additionnel.
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.