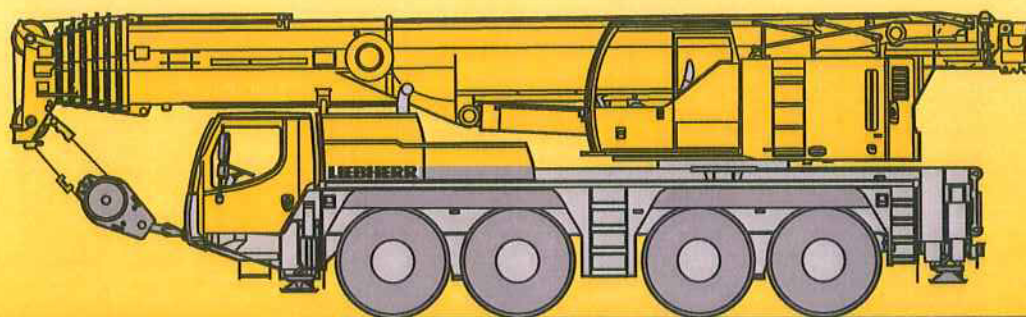


Mobile Crane Grue mobile

LTM 1100-4.2

Technical Data
Caractéristiques techniques

MAXIM
1 (877) MAX-LIFT



LIEBHERR

1

* over rear · en arrière

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Lifting capacities on telescopic boom **Forces de levage à la flèche télescopique**

T

		38 – 197 ft		360°		37900 lbs		85%												
		38 ft	50 ft	62 ft	74 ft	86 ft	99 ft	111 ft	123 ft	135 ft	148 ft	156 ft	160 ft	170 ft	172 ft	182 ft	184 ft	197 ft		
		ft																	ft	
9	153.1	151.2	144.3																9	9
10	151.9	150.7	144.3	143.7															10	10
11	145.2	144.7	142	142.3	136.8														11	11
12	138.2	138	137.3	137.8	133.8														12	12
13	130.8	130.8	130.3	130.5	129.1	113.4													13	13
14	124.3	124.8	124.7	124.9	124.2	113													14	14
15	118.2	119.1	119.3	119.5	119.1	112.1													15	15
16	112.8	113.7	114	114.2	113.7	109.8	92.3												16	16
17	107.9	108.9	109.2	109.4	108.9	106.1	91.9												17	17
18	103.3	104.5	104.9	105	104.5	101.5	91	76.5											18	18
20	94.2	95.8	96.6	96.6	95.9	92.4	88.2	75.5											20	20
22	86.1	88.3	89.6	89.7	88.9	84.1	80	72	62.1	50.7									22	22
24	78.5	81	82.5	82.7	81.3	76.4	72.9	67.8	60.8	50.5									24	24
26	71.2	73.9	75.4	75.6	73.1	69.4	66.7	62.8	58.7	51.1									26	26
28		68.1	69.6	69.6	66.7	64	61.3	58.3	55	49.4	36.6	42.2							28	28
30		62.8	64.1	63.8	60.8	59	56.3	54	51.2	47.2	36	41.9							30	30
32		57.8	59.3	58.6	55.8	54.8	52	50.2	47.7	44.7	35.3	40.9	30.9	35.1	27.8	28.7			32	32
34		53.4	54.9	54	52.1	51	48.6	46.9	44.7	42.2	34.7	39.4	30.7	34.7	27.6	28.6			34	34
36		49.3	50.9	49.8	47.3	45.8	43.8	42	39.8	34.2	37.6	30.4	34.2	27.4	28.5	23.6			36	36
38			47.5	46.4	46.2	44.2	42.8	41.1	39.7	37.9	33.5	35.7	30	32.8	27.2	28.3	23.6		38	38
40			44.4	43.4	43.3	41.4	40.1	38.6	37.5	36	32.8	33.8	29.6	31.3	27.1	27.9	23.6		40	40
45			37.6	37.7	36.9	35.9	34.9	33.8	32.5	31.1	30.2	29.3	28.3	27.8	26.6	25.6	23.2		45	45
50				33	32	31.7	30.5	29.6	28.4	27.1	26.8	25.4	25.1	24.1	23.7	22.4	21.4		50	50
55				28.8	28.1	28	26.8	26	24.9	23.6	23.4	22.2	21.9	20.9	20.7	19.4	18.9		55	55
60				25	24.8	24.6	23.7	22.9	21.8	20.7	20.5	19.4	19.2	18.3	18.1	16.8	16.3		60	60
65					22	21.9	21.1	20.4	19.3	18.4	18.2	17	16.8	15.9	15.7	14.6	14.2		65	65
70					19.4	19.8	19	18.2	17.2	16.3	16.1	15	14.9	14	13.8	12.7	12.4		70	70
75						17.8	17	16.3	15.4	14.5	14.4	13.3	13.3	12.4	12.2	11.1	10.8		75	75
80						15.9	15.3	14.7	13.8	12.9	12.9	11.8	11.7	10.9	10.7	9.6	9.4		80	80
85							13.8	13.3	12.4	11.5	11.5	10.4	10.2	9.6	9.3	8.2	8		85	85
90							12.4	12	11.1	10.4	10.2	9.1	9	8.4	8.2	7.1	6.8		90	90
95								10.7	10	9.2	9.1	8	8	7.3	7.1	6	5.8		95	95
100								9.6	9	8.1	8.1	7	7	6.3	6.1	5	4.8		100	100
105								8.6	8.2	7.3	7.3	6.2	6.2	5.3	5.3	4.2	4		105	105
110									7.2	6.4	6.4	5.3	5.5	4.6	4.6	3.4	3.3		110	110
115									6.3	5.7	5.7	4.6	4.7	4	4	2.6	2.6		115	115
120										5	5	4	4	3.3	3.3				120	120
125										4.4	4.4	3.5	3.5	2.6	2.6				125	125
130										3.7	3.7	2.8	2.8	2.1	2.1				130	130
135											3.2	2.3	2.3						135	135

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Lifting capacities on telescopic boom **Forces de levage à la flèche télescopique**

T

		 38 – 197 ft				 360°		 16800 lbs		85%											
 ft		38 ft	50 ft	62 ft	74 ft	86 ft	99 ft	111 ft	123 ft	135 ft	148 ft	156 ft	160 ft	170 ft	172 ft	182 ft	184 ft	197 ft	 ft		
9		149.8	143.6	137.5	136.8														9		
10		144.9	142.7	137.3	136.7														10		
11		137	136.1	134.2	134	129.7													11		
12		129.5	129.7	129.6	129.2	126.3													12		
13		122.6	123.4	123.5	122.5	121.2	107.9												13		
14		116.5	117.3	117.5	117.2	115.3	104.2												14		
15		110.7	111.5	111.6	112	108.7	99.2												15		
16		105.2	106.3	106.2	106.3	100.4	91.7	84.7											16		
17		99.7	101.2	101.3	100.7	93.9	86.2	81.3											17		
18		94.3	95.9	96.8	94.9	88.6	82.2	77.2	69.9										18		
20		83.7	85.8	87.5	83.8	78.4	74.2	69.3	65.4										20		
22		75.1	77.8	77.6	74.1	69.4	66.8	62.4	59.2	54.4	46.7								22		
24		66.5	69.7	68.8	65.7	62.4	60.1	56.6	53.8	50.5	44.7								24		
26		57.7	61.6	61.1	58.4	57.3	54.1	51.7	49.1	46.6	43								26		
28			54.5	55.1	53.1	52.3	49.2	47.7	45.4	43.1	40.5	34.8	37.3						28		
30			47.9	49.5	48.3	47.6	45	44	42	39.9	37.9	34.2	35.1						30		
32			42.7	44.4	44.8	43.5	42.3	40.6	39	36.9	35.1	33.2	32.7	29.6	30.3	26.5	26.8		32		
34			38.2	40	41.3	40.1	39.4	37.6	36.1	34.2	32.4	31.6	30.3	28.7	28.6	26	25.7		34		
36			34.3	36.1	37.6	37	36.3	35	33.4	31.6	29.9	29.4	27.9	27.4	26.3	25.2	24.1	22.1	36		
38				33	34.5	34.3	33.8	32.5	31.1	29.5	27.8	27.4	25.9	25.4	24.4	23.6	22.4	20.6	38		
40				30.2	31.7	31.7	31.6	30.3	29	27.5	25.9	25.5	24	23.6	22.7	22	20.7	19.2	40		
45				24.6	26.2	26.2	26.7	25.4	24.4	23.1	21.7	21.5	20.1	19.9	18.8	18.3	17	15.8	45		
50					21.9	21.9	22.5	21.7	20.9	19.7	18.5	18.3	16.9	16.7	15.8	15.3	14.1	13.2	50		
55					18.3	18.4	19	18.6	17.8	16.8	15.7	15.6	14.3	14.1	13.2	12.8	11.7	10.9	55		
60					15.5	15.7	16.1	15.9	15.3	14.4	13.3	13.3	12	12	11.1	10.7	9.6	8.9	60		
65						13.3	13.9	13.7	13.3	12.4	11.5	11.3	10.2	10.2	9.3	9	7.9	7.3	65		
70						11.4	12.1	11.8	11.5	10.7	9.9	9.7	8.6	8.6	7.7	7.6	6.4	5.9	70		
75							10.4	10.2	10	9.2	8.5	8.4	7.3	7.3	6.4	6.3	5.1	4.7	75		
80							9	8.7	8.5	7.9	7.2	7.2	6.1	6.1	5.3	5	3.9	3.7	80		
85								7.6	7.4	6.9	6	6	4.9	4.9	4.3	4	2.9	2.7	85		
90								6.6	6.3	5.7	5.2	5.2	4.1	4.1	3.2	3.2			90		
95									5.4	4.8	4.3	4.3	3.2	3.3	2.4	2.4			95		
100									4.6	4	3.5	3.5							100		
105									3.8	3.3	2.9	2.9							105		
110										2.6	2.2	2.2							110		
115										2.1									115		

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Lifting capacities on telescopic boom
Forces de levage à la flèche télescopique

T

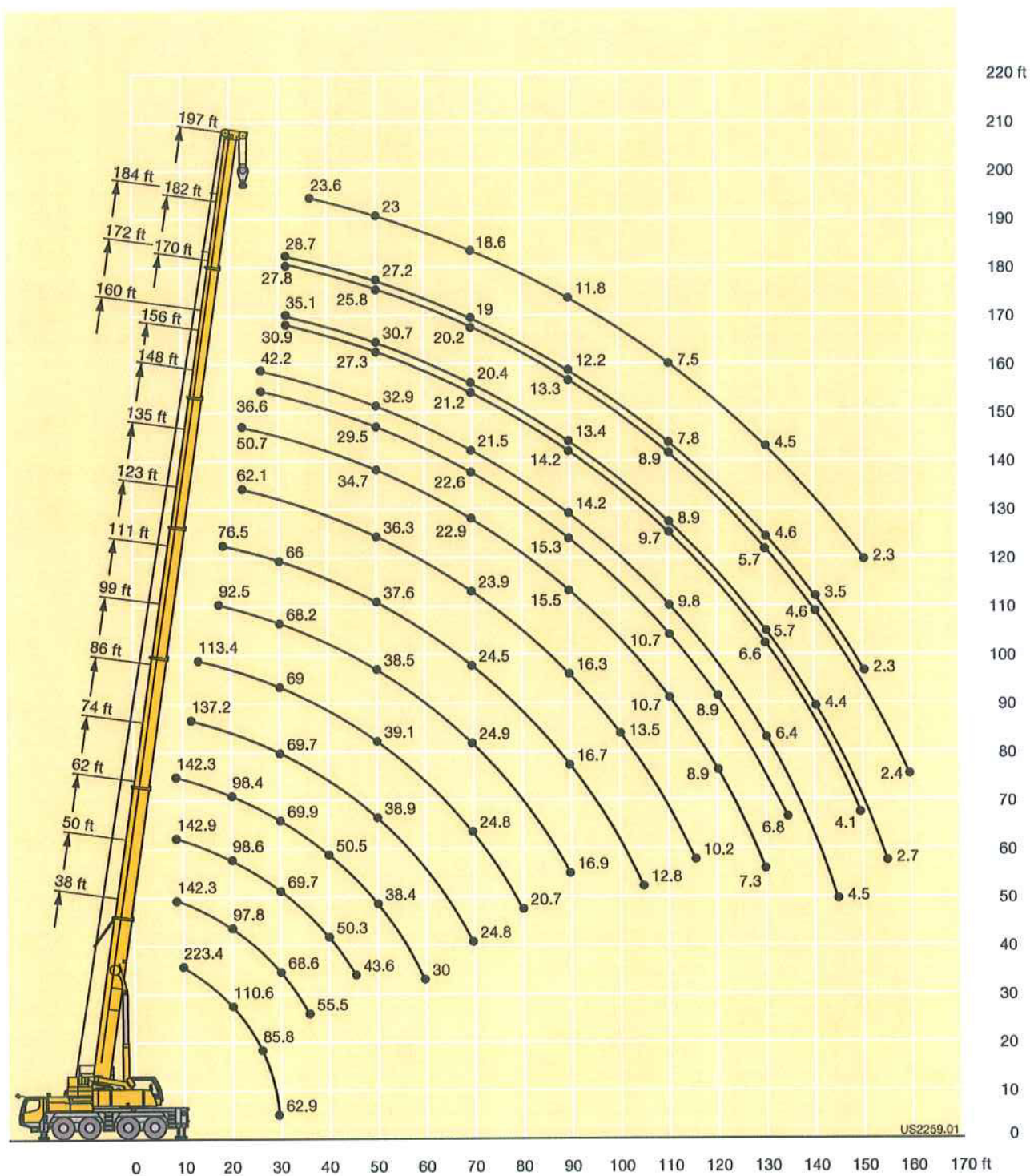
		38 – 197 ft				360°				8800 lbs		85%											
		38 ft	50 ft	62 ft	74 ft	86 ft	99 ft	111 ft	123 ft	135 ft	148 ft	156 ft	160 ft	170 ft	172 ft	182 ft	184 ft	197 ft					
		ft																	ft	ft			
9	149.4	143.5	137.5	136.8															9	149.4			
10	144	142.4	137.2	136.6															10	144			
11	136.1	135.6	133.6	133.6	128.6														11	136.1			
12	128.7	128.9	128.7	128.4	123.8														12	128.7			
13	121.9	122.5	122.7	121.5	116.8	104.6													13	121.9			
14	115.5	116.3	116.5	114.4	107	96.5													14	115.5			
15	109.2	110.3	110.3	106.9	97.6	88.7													15	109.2			
16	102.9	104.7	104	98.3	90.6	84.2	79.1												16	102.9			
17	97	99.2	97.7	91.4	84.6	79.9	74.6												17	97			
18	91.4	93.5	91.4	85.6	79.4	75.5	70.4	64.5											18	91.4			
20	80.4	82.3	79.3	74.4	69.5	67	62.3	59.2											20	80.4			
22	70.2	71.6	69.1	65.6	62.8	59.6	56.3	53.2	49.4	41.9									22	70.2			
24	60.3	62.3	60.6	58.4	56.5	53.6	51	48.3	45.2	39.5									24	60.3			
26	50.8	54.5	53.8	52.9	50.6	48.9	46.4	44.4	41.7	38.7									26	50.8			
28		47.9	48.3	48	45.9	44.6	42.4	40.5	38.2	35.8	33.9	33.2							28				
30		41.9	43.3	43.4	41.7	40.6	38.7	36.8	34.8	32.7	32	30.3							30				
32		37.2	38.8	39.5	37.9	37.1	35.3	33.7	31.8	30	29.3	27.7	26.6	25.2	24.8	23.4			32				
34		33.2	35	36.1	34.6	34	32.4	30.9	29.2	27.5	26.9	25.4	25	23.7	23.1	21.7			34				
36		29.7	31.5	33	31.7	31.2	29.9	28.3	26.8	25.2	24.8	23.2	22.8	21.7	21	19.7	18.4		36				
38			28.6	30.2	29.2	28.9	27.6	26.3	24.8	23.3	22.9	21.5	21	20.1	19.4	18.1	16.8		38				
40			26	27.6	27	26.8	25.5	24.4	22.9	21.6	21.2	19.8	19.4	18.5	17.9	16.6	15.3		40				
45			20.8	22.4	22.3	22.4	21.3	20.4	19	17.9	17.6	16.3	16.1	15	14.7	13.4	12.4		45				
50				18.4	18.4	18.9	18	17.2	16.1	15	14.8	13.6	13.4	12.3	12.1	10.9	10		50				
55				15.3	15.3	15.9	15.4	14.6	13.6	12.6	12.4	11.3	11.1	10.1	9.9	8.7	8		55				
60				12.9	12.9	13.5	13.1	12.4	11.4	10.5	10.3	9.2	9.2	8.3	8.1	6.8	6.3		60				
65					10.8	11.5	11.1	10.6	9.7	8.8	8.8	7.5	7.5	6.6	6.6	5.3	4.8		65				
70					9.1	9.8	9.5	9	8.2	7.4	7.3	6.1	6.2	5.4	5.2	4	3.6		70				
75						8.3	8	7.7	6.8	6.2	6	4.9	5.1	4.2	4.1	2.9			75				
80						7	6.6	6.5	5.7	5	5	3.9	3.9	3.1	3.1				80				
85							5.6	5.4	4.7	4	4	2.9	2.9		2				85				
90							4.7	4.5	3.8	3.2	3.2		2.2						90				
95								3.7	3.1	2.4	2.4								95				
100								2.9	2.4										100				
105								2.4											105				

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Lifting heights Hauteurs de levage

T



**Lifting capacities on the hydraulically or mechanically
variable folding jib**
**Forces de levage à la fléchette pliante à variation
hydraulique ou mécanique**

TK/TNZK

		38 - 197 ft T			35 ft K TNZK			111 ft			123 ft			135 ft			148 ft			160 ft				
		35 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°	0°	20°	40°		
ft																							ft	
9	32.6																						9	32.6
10	32.6																						10	32.6
11	32.6																						11	32.6
12	32.6																						12	32.6
13	32.6																						13	32.6
14	32.6																						14	32.6
15	32.6																						15	32.6
16	32.6	30.9																					16	32.6
17	32.5	30.3																					17	32.5
18	32.2	29.7																					18	32.2
20	31.6	28.5																					20	31.6
22	30.5	27.4																					22	30.5
24	29.5	26.3																					24	29.5
26	28.6	25.3	22.8																				26	28.6
28	27.5	24.5	22.1																				28	27.5
30	26.4	23.8	21.5																				30	26.4
32	25.4	23	20.9																				32	25.4
34	24.3	22.3	20.4																				34	24.3
36	23.2	21.6	19.9																				36	23.2
38	22.3	21.1	19.5																				38	22.3
40	21.3	20.6	19.1																				40	21.3
45	19	19.2	18.4																				45	19
50	17.2	18.1	17.8																				50	17.2
55																							55	
60																							60	
65																							65	
70																							70	
75																							75	
80																							80	
85																							85	
90																							90	
95																							95	
100																							100	
105																							105	
110																							110	
115																							115	
120																							120	
125																							125	
130																							130	
135																							135	
140																							140	
145																							145	
150																							150	
155																							155	
160																							160	
165																							165	
170																							170	

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**Lifting capacities on the hydraulically or mechanically
variable folding jib**
**Forces de levage à la fléchette pliante à variation
hydraulique ou mécanique**

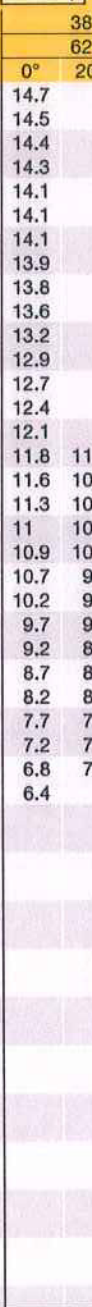
TK/TNZK

38 - 197 ft 35 ft K NZK 360° 62200 lbs 85%																
	170 ft			172 ft			182 ft			184 ft			197 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°	
32	15.7			18.8												32
34	15.7			18.7												34
36	15.7			18.7			14.1			14.8						36
38	15.7			18.7			14.1			14.8			12.4			38
40	15.7			18.7			14.1			14.8			12.4			40
45	15.7			18.7			14.1			14.8			12.4			45
50	15.5	15.6		18.6	18.6		14.1	14.1		14.6	15		12.4			50
55	15.3	15.3		18.4	18.4	17.6	14	14		14.6	14.9		12.4	12.4		55
60	15	14.9	14.7	18.2	18.3	17.4	13.9	13.9		14.5	14.7		12.3	12.4		60
65	14.8	14.4	14.2	17.9	18.1	17.2	13.7	13.7	13.7	14.4	14.6	14.4	12.2	12.4	12.1	65
70	14.5	13.9	13.8	16.8	17.6	16.9	13.5	13.4	13.4	14.3	14.3	13.9	12	12.4	12	70
75	14.1	13.5	13.4	15.8	16.5	16.6	13.4	13	12.9	14.1	13.9	13.5	11.9	12.2	11.9	75
80	13.5	13.1	12.9	14.8	14.9	15.9	13.1	12.7	12.5	13.4	13.5	13.1	11.8	11.9	11.9	80
85	13	12.6	12.6	13.3	13.5	14.4	12.6	12.4	12.2	12.4	13	12.8	11.3	11.7	11.7	85
90	12.5	12.3	12.1	12	12.8	13.1	11.8	12	11.8	11.1	12.1	12.5	10.5	11.2	11.4	90
95	11.7	11.9	11.7	10.7	11.9	12.3	10.7	11.5	11.5	9.8	11	11.7	9.4	10.4	10.9	95
100	10.7	11.4	11.4	9.6	10.9	11.5	9.6	10.7	11	8.7	9.8	10.7	8.3	9.4	10.2	100
105	9.5	10.4	11	8.6	9.7	10.4	8.6	9.5	10.4	7.7	8.6	9.5	7.3	8.4	9	105
110	8.6	9.4	10	7.8	8.7	9.4	7.8	8.6	9.4	6.7	7.6	8.5	6.4	7.4	8	110
115	7.8	8.5	9.1	6.9	7.8	8.5	6.9	7.7	8.3	5.8	6.7	7.5	5.6	6.5	7.1	115
120	7	7.6	8.3	6.1	7	7.6	6.1	6.8	7.4	5	5.9	6.5	4.8	5.6	6.3	120
125	6.1	6.8	7.4	5.3	6.1	6.8	5.3	6.1	6.6	4.4	5.2	5.7	4.1	4.8	5.5	125
130	5.5	6.1	6.6	4.6	5.5	5.9	4.8	5.5	5.9	3.7	4.4	5	3.5	4.1	4.8	130
135	4.9	5.5	5.9	4	4.8	5.2	4.1	4.8	5.2	3.2	3.8	4.3	2.8	3.5	4.1	135
140	4.4	4.9	5.2	3.5	4.2	4.6	3.5	4.1	4.6	2.6	3.2	3.7	2.2	2.9	3.5	140
145	3.9	4.3	4.6	3	3.7	3.9	3	3.5	3.9	2.1	2.6	3		2.4	2.8	145
150	3.4	3.8	4.1	2.5	3.2	3.4	2.5	3	3.4	1.6	2.1	2.3		1.9	2.3	150
155	2.9	3.3	3.6	2	2.7	2.9	2	2.5	2.8		1.6	1.8			1.8	155
160	2.4	2.8	3		2.2	2.4		2	2.3							160
165	1.9	2.3	2.3													165
170	1.6	1.8	1.8													170

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**Lifting capacities on the hydraulically or mechanically
variable folding jib**
**Forces de levage à la fléchette pliante à variation
hydraulique ou mécanique**

TK/TNZK

																														
		38 ft			111 ft			123 ft			135 ft			148 ft			160 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°											
ft	ft																						ft	ft						
9	14.7																						9	9						
10	14.5																						10	10						
11	14.4																						11	11						
12	14.3																						12	12						
13	14.1																						13	13						
14	14.1																						14	14						
15	14.1																						15	15						
16	13.9																						16	16						
17	13.8																						17	17						
18	13.6																						18	18						
20	13.2																						20	20						
22	12.9							14.6															22	22						
24	12.7							14.5															24	24						
26	12.4							14.4			13.9			13									26	26						
28	12.1							14.2			13.8			13			12.4						28	28						
30	11.8	11			14.1			13.6			13			13			12.3						30	30						
32	11.6	10.7			13.9			13.5			12.8			12.7			12.2			11.2			32	32						
34	11.3	10.4			13.7			13.4			12.7			12.6			12.1			11.2			34	34						
36	11	10.2			13.5			13.2			12.6			12.4			12			11.1			36	36						
38	10.9	10			13.3			13.1			12.4			12.3			11.9			11			38	38						
40	10.7	9.9			13.2			13			12.3			12			11.7			10.8			40	40						
45	10.2	9.4			12.9	10.6			12.6	10.6	12			11.8	10.2			11.4			10.7			45	45					
50	9.7	9			12.4	10.3			12.2	10.3	11.8	10.2			11.5	10			11.2	9.8			50	50						
55	9.2	8.7	8			12	10.1			11.8	10.1			11.2	9.7			11	9.6			10.5	9.4	55	55					
60	8.7	8.3	7.7			11.6	9.9	8.4			11.6	9.9			10.8	9.5	8.2			10.6	9.3			60	60					
65	8.2	8	7.7			11.3	9.5	8.2			11.3	9.5	8.2			10.7	9.2	8			10.4	9.1	8	65	65					
70	7.7	7.8	7.6			11	9.3	8.2			11	9.3	8.2			10.4	8.9	7.9			10.2	8.9	7.9	70	70					
75	7.2	7.7	7.5			10.6	9.2	8.1			10.6	9.2	8.1			10.4	8.9	7.9			9.7	8.7	7.8	75	75					
80	6.8	7.7	7.5			10.3	9	7.9			10.3	9	7.9			10.1	8.8	7.9			9.9	8.8	7.9	80	80					
85	6.4				10.2	8.6	7.7			10.2	8.6	7.7			9.9	8.6	7.7			9.7	8.6	7.7	9.3	8.4	7.7	85	85			
90					9.8	8.4	7.7			9.8	8.4	7.7			9.8	8.4	7.7			9.5	8.4	7.7	9.3	8.4	7.6	90	90			
95					9.5	8.4	7.7			9.6	8.5	7.7			9.6	8.4	7.7			9.4	8.4	7.6	9.1	8.3	7.5	95	95			
100					9.2	8.3	7.7			9.4	8.3	7.7			9.4	8.3	7.7			9.2	8.3	7.5	8.8	8.1	7.5	100	100			
105					9	8.2	7.5			9	8.2	7.5			9	8.2	7.5			8.8	8.2	7.5	8.6	7.9	7.5	105	105			
110					8.7	8	7.5			8.5	8	7.5			8.7	8	7.5			8.7	8	7.5	8.3	7.9	7.5	110	110			
115					8.4	7.9	7.5			8.2	7.9	7.5			8.5	7.9	7.5			8.4	7.9	7.5	8	7.8	7.5	115	115			
120					8	7.9	7.5			7.9	7.8	7.5			8.3	7.9	7.5			8	7.9	7.5	7.6	7.7	7.5	120	120			
125					7.7	7.7	7.5			7.7	7.5	7.5			7.9	7.7	7.5			7.7	7.7	7.5	6.8	7.5	7.5	125	125			
130					7	7.5	7.5			7.4	7.1	7.3			7.6	7.5	7.5			7.2	7.4	7.5	6.1	7.1	7.3	130	130			
135					6.3	7	7.2			7.2	6.9	7.2			7.2	7.2	7.5			6.6	7.2	7.2	5.6	6.6	7	135	135			
140					5.7	6.3	6.7			6.9	6.8	7			6.8	6.9	7.3			6	6.8	7	5.1	6	6.6	140	140			
145					5	5.7	5.8			6.6	6.6	6.8			6.1	6.6	6.8			5.5	6.3	6.8	4.6	5.4	6.1	145	145			
150					4.3	5	5			6.2	6.4	6.6			5.6	6.2	6.5			4.9	5.6	6.3	4.1	4.8	5.4	150	150			
155					3.8	4.3			5.8	6.1	6.2			5.1	5.8	6			4.4	5.1	5.6	3.6	4.2	4.9	155	155				
160									5.3	5.7				4.6	5.3	5.4			3.9	4.6	5	3.1	3.8	4.4	160	160				
165									4.8	5.2				4.1	4.7	4.8			3.5	4.1	4.5	2.6	3.4	3.9	165	165				
170									4.5				3.8	4.1	4.3			3.1	3.6	4	2.3	2.9	3.4	170	170					
175												3.3	3.7					2.6	3.2	3.4	1.9	2.4	2.9	175	175					
180																		2.2	2.8	2.8			2	2.4	180	180				
185																		1.9	2.3	2.3					185	185				
190																		1.6	1.8							190	190			

**Lifting capacities on the hydraulically or mechanically
variable folding jib**
**Forces de levage à la fléchette pliante à variation
hydraulique ou mécanique**

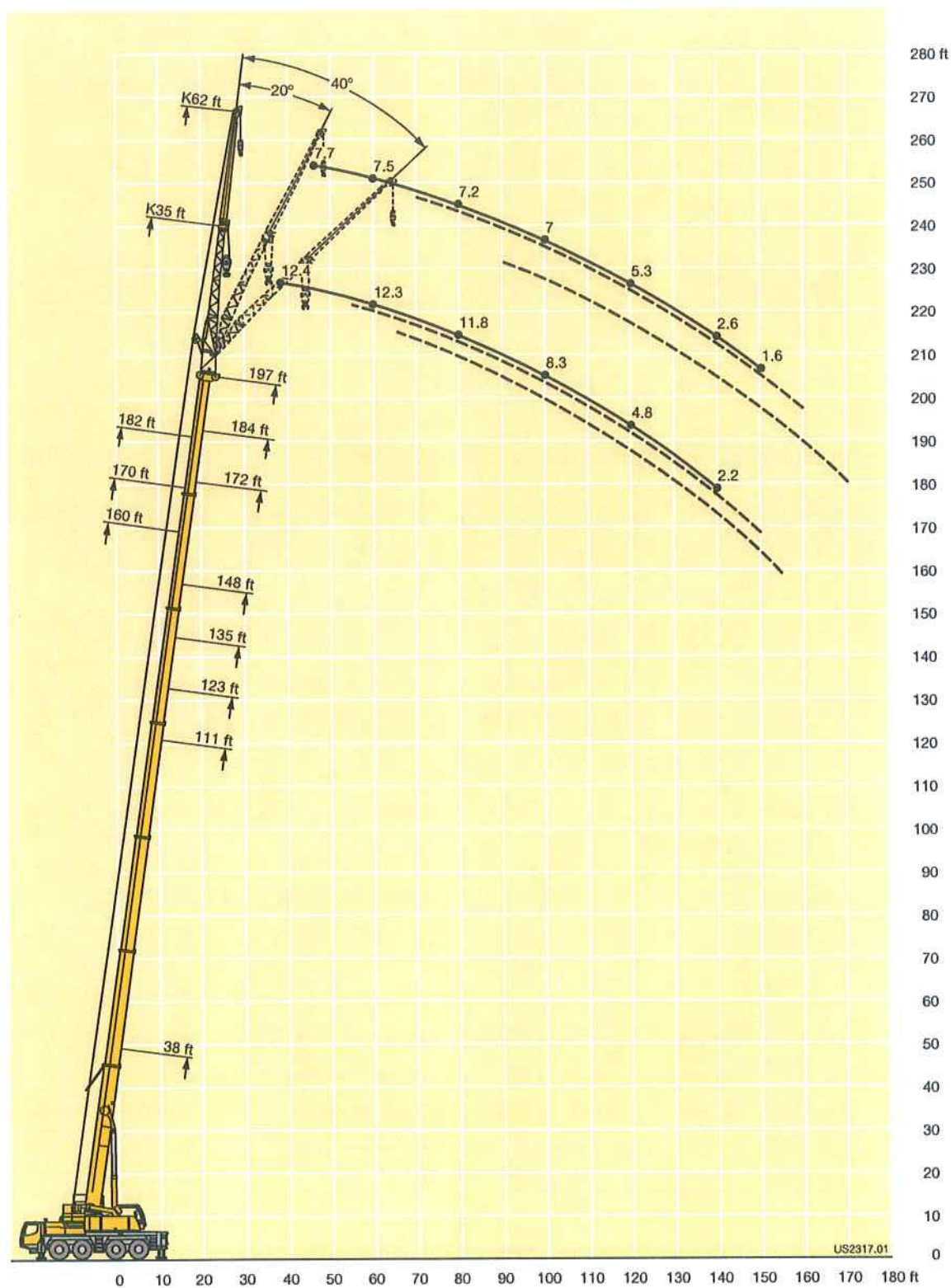
TK/TNZK

 38 - 197 ft		 62 ft		 360°		 62200 lbs		 85%								
 ft	170 ft			172 ft			182 ft			184 ft			197 ft			 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°	
36				10.1												36
38	9.3			10												38
40	9.2			9.9												40
45	9.1			9.9			8.4			8.8			7.7			45
50	8.9			9.8			8.4			8.7			7.6			50
55	8.8			9.6			8.3			8.6			7.5			55
60	8.8			9.5			8.2			8.6			7.5			60
65	8.6	8.2		9.3	8.6		8.2	7.9		8.4	8		7.5			65
70	8.6	8.2		9.3	8.5		8	7.8		8.4	7.9		7.4	7.3		70
75	8.5	8.1		9.2	8.4	7.7	7.9	7.7		8.3	7.8		7.3	7.3		75
80	8.3	7.9		9	8.3	7.7	7.9	7.7		8.2	7.7		7.2	7.2		80
85	8.2	7.9	7.5	8.8	8.2	7.5	7.9	7.5	7.3	8.2	7.7	7.3	7.1	7.1		85
90	8.2	7.8	7.5	8.7	8	7.5	7.8	7.5	7.3	8	7.7	7.3	7.1	7.1	7.1	90
95	8.1	7.7	7.4	8.5	7.9	7.5	7.7	7.5	7.3	7.9	7.6	7.3	7.1	7.1	7.1	95
100	7.9	7.7	7.3	8.3	7.9	7.4	7.7	7.4	7.3	7.8	7.5	7.3	7	7.1	7.1	100
105	7.9	7.5	7.3	8.2	7.7	7.3	7.5	7.3	7.3	7.5	7.5	7.3	6.8	7.1	7.1	105
110	7.8	7.5	7.3	7.8	7.7	7.3	7.3	7.3	7.3	7	7.3	7.3	6.5	6.9	7.1	110
115	7.6	7.5	7.3	7.3	7.6	7.3	6.9	7.3	7.3	6.3	7.3	7.3	5.9	6.7	7.1	115
120	7.2	7.4	7.3	6.6	7.4	7.3	6.4	7.2	7.2	5.5	7	7.2	5.3	6.4	7	120
125	6.6	7.3	7.3	5.9	7.2	7.3	5.7	7	7	4.8	6.4	7	4.6	5.9	6.8	125
130	5.9	6.9	7.1	5.2	6.6	7.3	5	6.3	6.9	4.1	5.7	6.5	3.9	5.2	6.3	130
135	5.4	6.3	6.9	4.7	5.9	6.8	4.5	5.7	6.5	3.6	5	5.9	3.2	4.6	5.7	135
140	4.8	5.7	6.5	4.2	5.2	6.1	4	5	5.9	3.1	4.3	5.2	2.6	4	5	140
145	4.1	5.2	5.9	3.7	4.6	5.4	3.5	4.3	5.2	2.6	3.7	4.5	2.1	3.4	4.3	145
150	3.6	4.5	5.4	3.2	4.1	4.8	3	3.8	4.7	2.1	3.2	3.9	1.6	2.8	3.7	150
155	3.3	4	4.7	2.7	3.6	4.2	2.5	3.3	4.1	1.6	2.7	3.3		2.2	3.1	155
160	2.8	3.6	4.2	2.2	3.1	3.6	2	2.8	3.5		2.2	2.8		1.8	2.6	160
165	2.4	3.2	3.7	1.7	2.6	3		2.4	3			2.3			2.1	165
170	2	2.7	3.2	1.4	2	2.7		2	2.5			1.8			1.6	170
175	1.7	2.4	2.6		1.7	2.2		1.5	2							175
180		1.9	2.2			1.7										180
185			1.9													185
190			1.4													190

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Lifting heights **Hauteurs de levage**

TK/TNZK



**Lifting capacities on the hydraulically or mechanically
variable folding jib with boom extension**
**Forces de levage à la fléchette pliante à variation hydraulique
ou mécanique avec télescope rallongé**

**TVK/
TVNZK**

		 38-197 ft			 23 ft			 35 ft						 360°			 62200 lbs			 85%						
 ft		38 ft + 23 ft			160 ft + 23 ft			170 ft + 23 ft			172 ft + 23 ft			182 ft + 23 ft			184 ft + 23 ft			195 ft + 23 ft			197 ft + 23 ft			 ft
		35 ft			35 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°	0°	20°	40°	0°	20°	40°	
9		12.4																							9	
10		12.4																							10	
11		12.4																							11	
12		12.4																							12	
13		12.4																							13	
14		12.4																							14	
15		12.3																							15	
16		12.2																							16	
17		12.1																							17	
18		12.1																							18	
20		12.1																							20	
22		11.8	12.4																						22	
24		11.6	12.3																						24	
26		11.5	12.1																						26	
28		11.4	11.9																						28	
30		11.2	11.6																						30	
32		10.7	11.2	11.7																					32	
34		10.4	10.9	11.4																					34	
36		10.2	10.6	11	12.4																				36	
38		9.8	10.2	10.6	12.4			10.6			11.2														38	
40		9.4	9.8	10.3	12.3			10.6			11.2														40	
45		8.7	9	9.4	12.2			10.6			11.1			9.5			9.9			8.6			8.4		45	
50		8.1	8.3	8.7	12.1	12.4		10.6			11	11.2		9.5			9.9			8.5			8.2		50	
55		7.4	7.6	8	12	12.2		10.5	10.7		10.9	11.2		9.5	9.7		9.8	10.1		8.4	8.6		8.2	8.4	55	
60		6.7	7	7.4	11.9	11.8		10.3	10.6		10.8	11		9.5	9.7		9.7	10.1		8.4	8.6		8.2	8.4	60	
65		6.2	6.5	6.7	11.7	11.5	11.3	10.2	10.4	10.2	10.8	11	10.8		9.3	9.5		9.7	9.9		8.4	8.6		8.2	8.4	65
70		5.7	6.1	6.3	11.4	11.2	11	10	10.1	9.9	10.7	10.7	10.5	9.3	9.5	9.4	9.7	9.9	10	8.4	8.6	8.4	8.2	8.4	8.2	70
75		5.2	5.6		11.2	10.8	10.5	9.8	9.7	9.6	10.5	10.4	10.2	9.2	9.4	9.2	9.6	9.8	9.7	8.3	8.6	8.4	8.2	8.4	8.2	75
80		4.7	4.9		10.9	10.5	10.1	9.7	9.4	9.4	10.3	10.1	9.8	9	9.2	9	9.5	9.6	9.4	8.2	8.6	8.4	8.1	8.3	8.2	80
85					10.4	10	9.7	9.5	9.3	9.1	10.2	9.7	9.5	8.8	8.8	8.8	9.5	9.3	9.3	8.2	8.4	8.4	8	8.2	8.2	85
90					10.1	9.6	9.4	9.2	8.9	8.7	9.8	9.4	9.3	8.7	8.7	8.5	9.3	9.1	8.9	8.2	8.2	8.2	7.9	8	8	90
95					9.7	9.3	9.2	8.8	8.6	8.5	9.5	9.2	9.1	8.5	8.4	8.3	8.8	8.9	8.7	8	8	8.1	7.8	7.8	7.8	95
100					9.3	8.9	8.9	8.5	8.3	8.3	9.1	8.9	8.7	8.3	8.1	8.1	8.1	8.7	8.5	7.6	7.7	7.9	7.5	7.7	7.7	100
105					8.8	8.6	8.6	8.2	8.2	7.9	8.4	8.6	8.4	7.9	7.9	7.9	7.3	8.2	8.4	7.1	7.5	7.7	6.8	7.5	7.5	105
110					8.3	8.3	8.3	7.8	7.8	7.8	7.5	8.3	8.2	7.3	7.6	7.6	6.4	7.3	7.9	6.2	7	7.4	6	6.8	7.3	110
115					7.6	7.9	7.9	7.3	7.5	7.5	6.7	7.6	7.8	6.5	7.2	7.3	5.6	6.5	7.1	5.4	6.3	6.8	5.2	6	6.8	115
120					6.8	7.5	7.6	6.5	7.1	7.2	5.9	6.7	7.2	5.7	6.5	6.9	4.8	5.6	6.3	4.6	5.5	6.1	4.4	5.3	6.1	120
125					6.1	6.8	7.2	5.7	6.6	6.8	5.3	5.9	6.4	5	5.7	6.3	4.1	4.8	5.5	3.9	4.8	5.3	3.7	4.6	5.2	125
130					5.5	6.1	6.6	5.2	5.7	6.3	4.6	5.2	5.7	4.4	5	5.5	3.5	4.1	4.8	3.3	4.1	4.6	3	3.9	4.4	130
135					4.8	5.5	5.9	4.6	5.1	5.7	3.9	4.6	5	3.7	4.3	4.8	2.8	3.5	4.1	2.7	3.5	3.9	2.5	3.2	3.7	135
140					4.2	4.8	5.2	4	4.6	5	3.3	3.9	4.3	3.1	3.8	4.2	2.2	2.9	3.5	2.1	2.8	3.3	1.9	2.6	3.1	140
145					3.7	4.1	4.5	3.5	3.9	4.3	2.8	3.2	3.7	2.6	3.2	3.7								2.1	2.6	145
150					3.2	3.6	3.9	3	3.4	3.8	2.3	2.7	3.2	2.1	2.7	3		1.9	2.3		1.6	2.1		1.6	2.1	150
155					2.7	3.1	3.3	2.5	2.9	3.2	1.8	2.4	2.7	1.6	2.2	2.5			1.8		1.6					155
160					2.3	2.6	2.8	2	2.4	2.7		2	2.2		2											160
165					1.9	2.1	2.4		1.9	2.3																165
170					1.4	1.8	2		1.6	1.8																170

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**Lifting capacities on the hydraulically or mechanically
variable folding jib with boom extension**
**Forces de levage à la fléchette pliante à variation hydraulique
ou mécanique avec télescope rallongé**

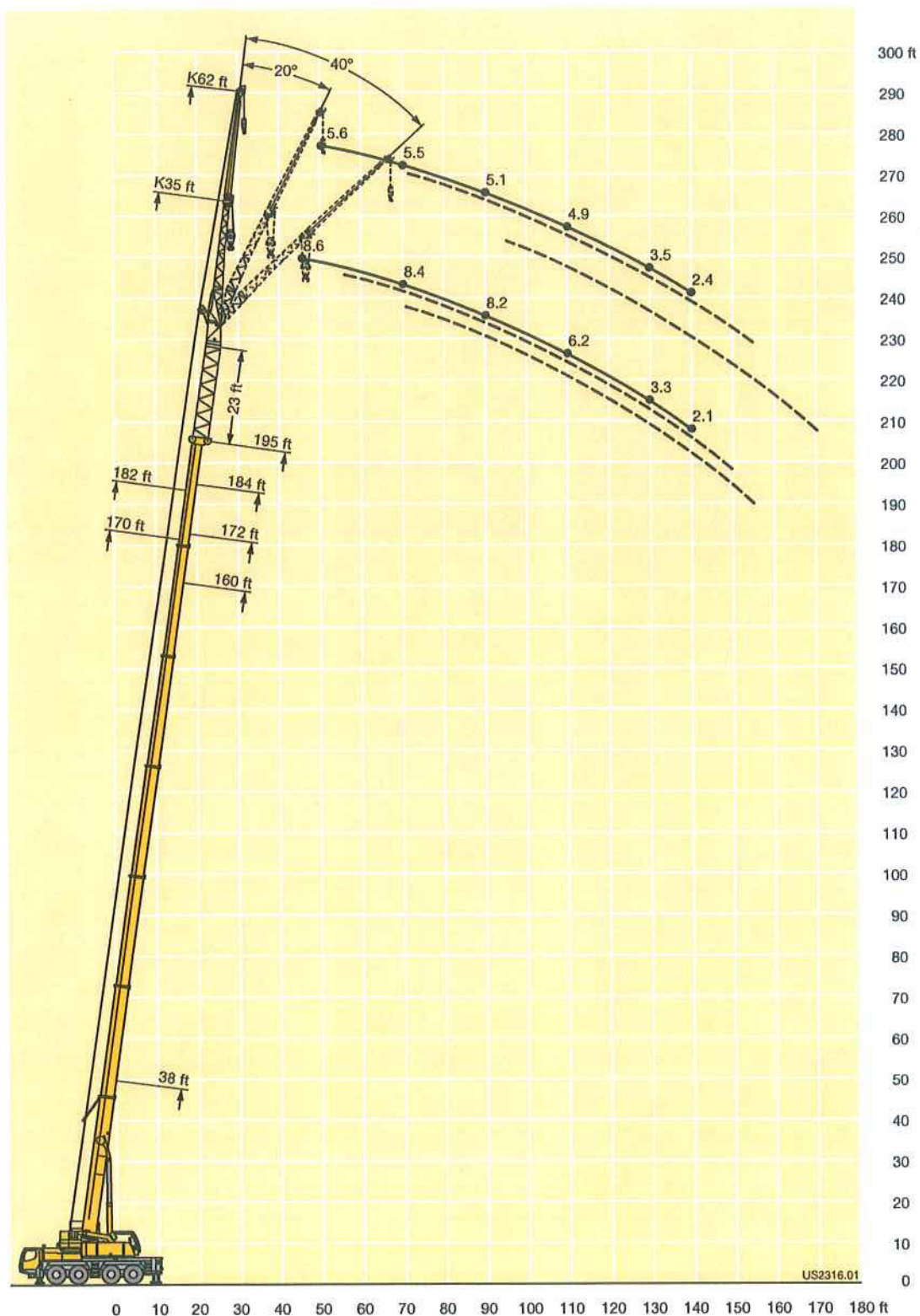
**TVK/
TVNZK**

		38-195 ft T			23 ft V			62 ft K NZK						360°			62200 lbs			85%				
		38 ft + 23 ft			160 ft + 23 ft			170 ft + 23 ft			172 ft + 23 ft			182 ft + 23 ft			184 ft + 23 ft			195 ft + 23 ft				
		62 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°	0°	20°	40°		
13	7.9																						13	
14	7.9																						14	
15	7.9																						15	
16	7.9																						16	
17	7.9																						17	
18	7.9																						18	
20	7.9																						20	
22	7.8																						22	
24	7.7																						24	
26	7.7																						26	
28	7.7																						28	
30	7.7																						30	
32	7.7																						32	
34	7.6																						34	
36	7.5	7.3																					36	
38	7.5	7.3																					38	
40	7.5	7.3																					40	
45	7.1	7.3			7.9			6.8			7.3												45	
50	6.8	7			7.8			6.8			7.1			6.2			6.4			5.6			50	
55	6.4	6.7			7.7			6.8			7.1			6.2			6.4			5.5			55	
60	5.9	6.3	6.6		7.7			6.6			7.1			6.2			6.4			5.5			60	
65	5.6	6	6.2		7.7			6.6			7.1			6.2			6.4			5.5			65	
70	5.2	5.7	5.9		7.7	7.3		6.6	6.2		7.1	6.6		6			6.4	6		5.5			70	
75	5	5.3	5.5		7.6	7.3		6.6	6.2		7	6.6		6	5.7		6.3	6		5.4	5.3		75	
80	4.8	5	5.3		7.5	7.3		6.6	6.2		6.8	6.6		6	5.7		6.2	6		5.3	5.3		80	
85	4.4	4.7	5.1		7.5	7.3	6.8	6.6	6.2		6.8	6.6		6	5.7		6.2	6		5.3	5.3		85	
90	4.3	4.5	4.8		7.3	7.1	6.7	6.5	6.2	6	6.8	6.6	6.4	6	5.7	5.5	6.2	6	5.7	5.1	5.3		90	
95	4	4.2	4.4		7.2	6.8	6.5	6.4	6.1	6	6.7	6.5	6.4	6	5.7	5.5	6.2	6	5.7	5.1	5.3	5.1	95	
100	3.7	3.9			7	6.6	6.3	6.3	6	6	6.6	6.3	6.3	5.9	5.7	5.5	6.2	6	5.7	5	5.2	5.1	100	
105	3.5	3.8			6.8	6.4	6.2	6.2	6	6	6.4	6.2	6.2	5.7	5.5	5.5	6.2	6	5.7	4.9	5.1	5.1	105	
110					6.5	6.2	6	6	5.8	5.8	6.4	6.2	6	5.7	5.5	5.5	6	5.8	5.7	4.9	5.1	5.1	110	
115					6.3	6.1	6	5.8	5.6	5.6	6.2	6.1	5.8	5.6	5.5	5.4	5.6	5.7	5.6	4.7	5.1	5.1	115	
120					6.1	5.9	5.9	5.7	5.5	5.5	5.8	5.9	5.7	5.4	5.5	5.3	5	5.7	5.5	4.5	5	5.1	120	
125					5.9	5.7	5.7	5.5	5.3	5.3	5.5	5.7	5.5	5	5.3	5.3	4.4	5.5	5.5	4.1	4.8	5.1	125	
130					5.6	5.6	5.6	5.3	5.3	5.3	4.8	5.6	5.5	4.5	5.1	5.1	3.7	5.2	5.3	3.5	4.7	4.9	130	
135					5.1	5.4	5.4	4.8	5.2	5.2	4.3	5.3	5.4	4	4.9	5.1	3.2	4.6	5.2	2.9	4.3	4.9	135	
140					4.6	5.2	5.2	4.2	5	5	3.7	4.9	5.2	3.5	4.6	5	2.6	3.9	4.9	2.4	3.8	4.6	140	
145					3.9	5	5.1	3.7	4.8	4.8	3	4.3	5	2.8	4.1	4.8	2.1	3.2	4.3		3.2	4.1	145	
150					3.4	4.5	4.9	3.2	4.3	4.7	2.5	3.7	4.5	2.3	3.4	4.3	1.6	2.7	3.7		2.6	3.6	150	
155					3	4	4.6	2.7	3.8	4.4	2.2	3.1	4	1.9	2.9	3.8		2.2	3.1		2	3	155	
160					2.6	3.5	4.2	2.3	3.3	3.9	1.7	2.6	3.4		2.5	3.3		1.7	2.6			2.4	160	
165					2.1	3	3.7	1.9	2.8	3.4		2.1	2.8		2.1	2.8			2.1			1.9	165	
170					1.8	2.5	3.2		2.3	2.9		1.8	2.5		1.6	2.3			1.6			1.4	170	
175						2.1	2.6		1.9	2.4			2			1.8							175	
180						1.8	2.1			2													180	

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Lifting heights Hauteurs de levage

TVK/
TVNZK



**TVK/
TVNZK**

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**Lifting capacities on the hydraulically or mechanically
variable folding jib with boom extension**
**Forces de levage à la fléchette pliante à variation hydraulique
ou mécanique avec télescope rallongé**

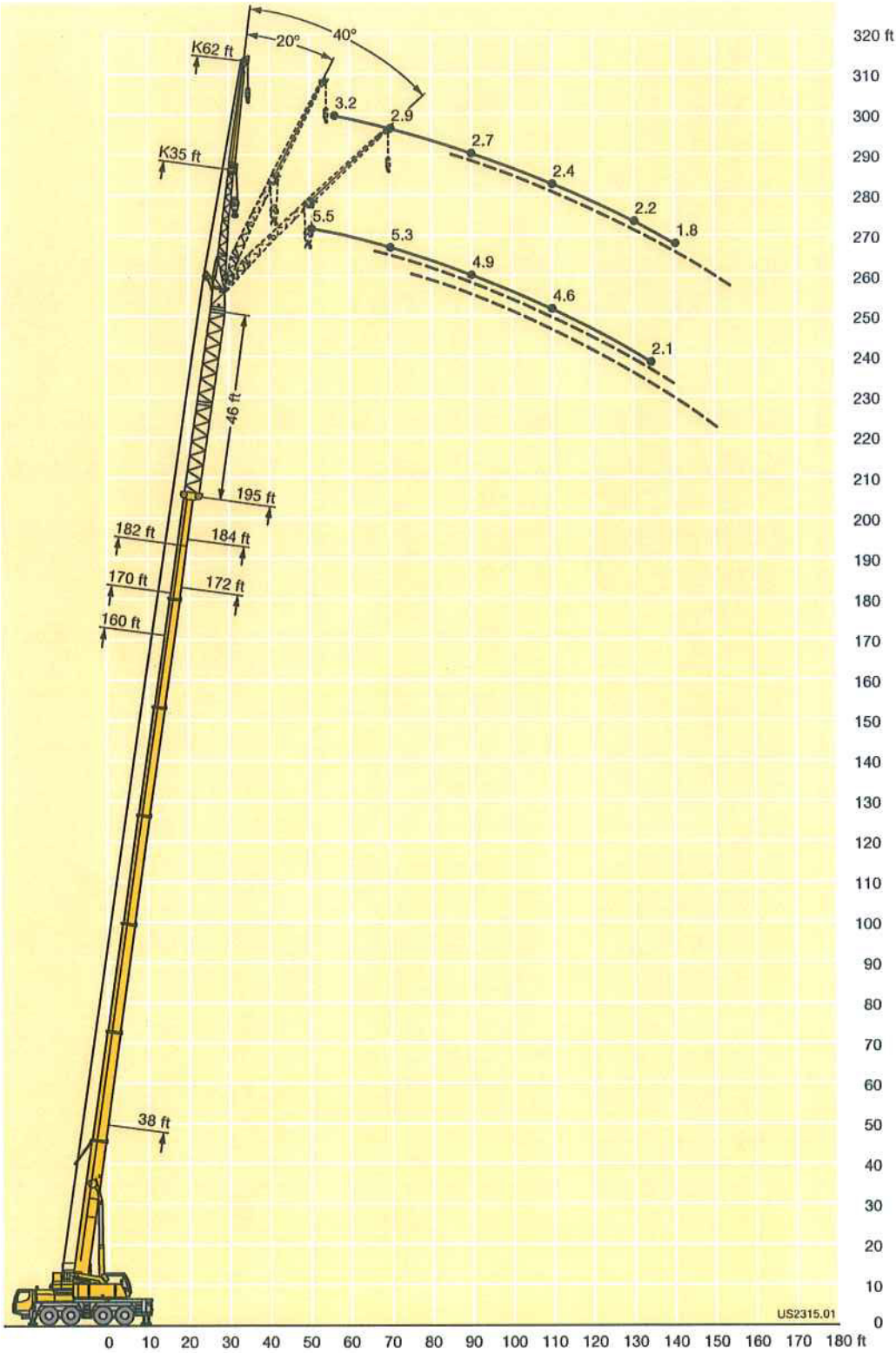
**TVK/
TVNZK**

		 38-195 ft T			 46 ft V			 62 ft NZK			 360°			 62200 lbs			85%					
 ft	38 ft + 46 ft			160 ft + 46 ft			170 ft + 46 ft			172 ft + 46 ft			182 ft + 46 ft			184 ft + 46 ft			195 ft + 46 ft			 ft
	62 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°	0°	20°		
16	5.5																				16	
17	5.5																				17	
18	5.5																				18	
20	5.5																				20	
22	5.4																				22	
24	5.3																				24	
26	5.3																				26	
28	5.3																				28	
30	5.3																				30	
32	5.3																				32	
34	5.3																				34	
36	5.3																				36	
38	5.2																				38	
40	5.1	5.5																			40	
45	5.1	5.3		5.5																	45	
50	4.9	5.3		5.4			4.6			4.9						4.4					50	
55	4.8	5.2		5.3			4.6			4.9			4.1			4.3			3.2		55	
60	4.6	5		5.3			4.6			4.9			4			4.2			3.1		60	
65	4.4	4.7	4.9	5.3			4.6			4.9			4			4.2			2.9		65	
70	4.1	4.5	4.7	5.3	5.4		4.5			4.7			4			4.2			2.9		70	
75	3.9	4.2	4.4	5.2	5.3		4.4	4.6	4.6	4.9			3.9	4		4.1	4.3		2.8		75	
80	3.7	3.9	4.2	5.1	5.3		4.4	4.6	4.6	4.9			3.8	4		4	4.2		2.7		80	
85	3.5	3.8	4	5.1	5.3		4.4	4.6	4.6	4.9			3.8	4		4	4.2		2.7	2.9	85	
90	3.2	3.6	3.8	5.1	5.1	5.1	4.4	4.6	4.6	4.9			3.6	4		4	4.2		2.7	2.9	90	
95	3	3.3	3.5	5.1	5.1	5	4.4	4.6	4.6	4.7	4.6		3.5	3.9		3.9	4.1	4.2	2.5	2.8	95	
100	2.8	3	3.3	5	5	4.8	4.4	4.6	4.6	4.6	4.6		3.5	3.8		3.8	4	4.1	2.4	2.7	100	
105	2.7	2.9	3.1	4.9	4.9	4.6	4.4	4.4	4.6	4.6	4.6		3.5	3.8		3.8	4	4	2.4	2.7	105	
110	2.5	2.7	2.9	4.7	4.7	4.6	4.2	4.2	4.5	4.5	4.5		3.4	3.6		3.6	3.8	4	2.4	2.7	110	
115	2.3	2.5	2.8	4.6	4.5	4.5	4.2	4.2	4.4	4.4	4.4		3.3	3.5		3.5	3.8	4	2.3	2.5	115	
120	2.1	2.4	2.6	4.6	4.4	4.4	4.1	4.1	4.4	4.4	4.4		3.3	3.5		3.5	3.8	3.9	2.2	2.4	120	
125	2	2.2	2.4	4.4	4.4	4.2	4	4	4.2	4.2	4.2		3.3	3.5		3.5	3.7	3.8	2.2	2.4	125	
130	1.8			4.2	4.2	4.2	3.8	3.8	4	4	4		3.3	3.4		3.2	3.6	3.8	2.2	2.4	130	
135				4.1	4.1	4.1	3.8	3.8	3.6	4	4		3.2	3.3		2.7	3.5	3.8	2.1	2.4	135	
140				3.8	3.9	3.9	3.6	3.7	3.1	3.8	3.9		2.9	3.3		2.2	3.3	3.7	1.8	2.4	140	
145				3.5	3.8	3.8	3.2	3.5	2.6	3.5	3.8		2.4	3.3			2.8	3.5		2.4	145	
150				3	3.8	3.8	2.7	3.3	2.1	3.2	3.8		1.9	2.9			2.3	3.3		2.1	150	
155				2.5	3.5	3.6	2.2	3	1.7	2.7	3.5			2.5			1.8	2.8		1.6	155	
160				2	3.1	3.4	1.7	2.7		2.3	3.1		2					2.2			160	
165					2.6	3.2				2.3											165	
170					2	2.7				1.8				2							170	
175					1.7	2.2					1.5										175	
180						1.8															180	

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Lifting heights
Hauteurs de levage

**TVK/
TVNZK**



Lifting capacities on the erection jib
Forces de levage à la flèche de montage

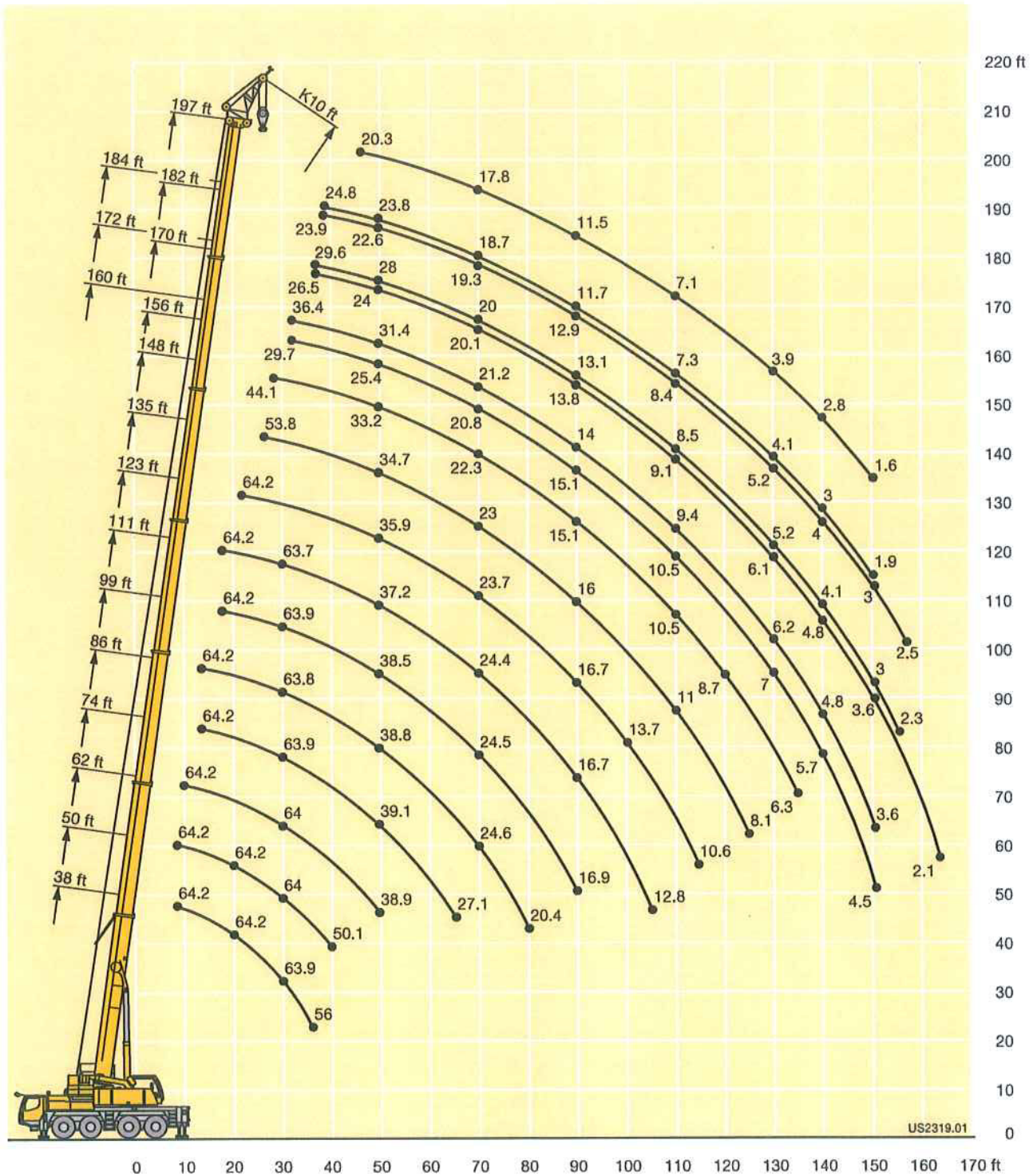
TK

		38 – 197 ft		10 ft				360°		62200 lbs		85%								
		T		K																
		ft		ft		ft		ft		ft		ft		ft						
		38 ft	50 ft	62 ft	74 ft	86 ft	99 ft	111 ft	123 ft	135 ft	148 ft	156 ft	160 ft	170 ft	172 ft	182 ft	184 ft	197 ft	ft	
9	9	64.2	64.2																9	
10	10	64.2	64.2	64.2															10	
11	11	64.2	64.2	64.2															11	
12	12	64.2	64.2	64.2															12	
13	13	64.2	64.2	64.2	64.2	64.2													13	
14	14	64.2	64.2	64.2	64.2	64.2													14	
15	15	64.2	64.2	64.2	64.2	64.2													15	
16	16	64.2	64.2	64.2	64.2	64.2													16	
17	17	64.2	64.2	64.2	64.2	64.2													17	
18	18	64.2	64.2	64.2	64.2	64.2	64.2	64.2											18	
20	20	64.2	64.2	64.2	64.2	64.2	64.2	64.2											20	
22	22	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2										22	
24	24	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.1										24	
26	26	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64	53.8									26	
28	28	64.2	64.2	64.2	64.2	64.2	64.2	64.2	63.5	53.3	44.1								28	
30	30	63.9	64	64	63.9	63.8	63.9	63.7	62.4	52.8	43.8								30	
32	32	63	63.2	63.3	62.8	62.3	62.7	62	59.7	52.1	43.5	29.7	36.4						32	
34	34	60.1	60.5	60.8	60.3	60.1	60.3	59	56.5	50.9	43.2	29.3	36.1						34	
36	36	56	56.6	57.1	56.8	57.2	57	55.1	52.9	49.2	42.8	28.9	35.7	26.5	29.6				36	
38	38		53.2	53.5	53.8	54	53.5	52.1	49.5	46.7	42.1	28.5	35.6	26.1	29.4	23.9	24.8		38	
40	40		50.1	50.4	51	51	50.3	49.2	46.4	44.3	41.1	28.1	35.3	25.7	29.3	23.8	24.7		40	
45	45			44.2	44.6	44.2	43.6	42.3	40.6	39.1	36.9	26.7	34	24.9	28.8	23.2	24.3	20.3	45	
50	50			38.9	39.1	38.8	38.5	37.2	35.9	34.7	33.2	25.4	31.4	24	28	22.6	23.8	20.2	50	
55	55				34.4	34.1	34.1	33.1	32.1	31	29.6	24.1	28.4	23.1	26.4	21.9	23.3	19.9	55	
60	60				30.5	30	30.1	29.7	29	27.9	26.5	23	25.4	22.1	24.1	21.2	22.4	19.5	60	
65	65				27.1	26.7	27.3	26.8	26	25.2	24.1	22	23.4	21.1	22.3	20.4	20.9	19	65	
70	70					24.6	24.5	24.4	23.7	23	22.3	20.8	21.2	20.1	20	19.3	18.7	17.8	70	
75	75					22.6	22	22.1	21.5	21	20.5	19.5	19.1	18.7	17.9	17.7	16.6	16.2	75	
80	80					20.4	19.8	20.1	19.5	19.2	18.5	18.1	17.2	17	16.1	15.9	14.8	14.4	80	
85	85					18	18.4	18.2	17.5	16.7	16.6	15.5	15.3	14.4	14.2	13.1	12.9	12.9	85	
90	90					16.9	16.7	16.7	16	15.1	15.1	14	13.8	13.1	12.9	11.7	11.5	11.5	90	
95	95						15.3	15.1	14.6	13.8	13.7	12.7	12.5	11.7	11.6	10.5	10.3	10.3	95	
100	100						14	13.7	13.3	12.6	12.5	11.5	11.3	10.5	10.4	9.3	9.1	9.1	100	
105	105						12.8	12.6	12.1	11.5	11.5	10.4	10.1	9.5	9.3	8.2	7.9	7.9	105	
110	110							11.6	11	10.5	10.5	9.4	9.1	8.5	8.4	7.3	7.1	7.1	110	
115	115							10.6	9.9	9.6	9.6	8.5	8.2	7.6	7.5	6.5	6.3	6.3	115	
120	120								8.9	8.7	8.7	7.7	7.5	6.7	6.6	5.6	5.4	5.4	120	
125	125								8.1	7.9	7.9	7	6.8	5.9	5.9	4.8	4.6	4.6	125	
130	130									7	7	6.2	6.1	5.2	5.2	4.1	3.9	3.9	130	
135	135									6.3	6.3	5.5	5.5	4.7	4.6	3.6	3.4	3.4	135	
140	140										5.7	4.8	4.8	4.1	4	3	2.8	2.8	140	
145	145										5	4.1	4.1	3.5	3.5	2.4	2.1	2.1	145	
150	150										4.5	3.6	3.6	3	3	1.9	1.6	1.6	150	
155	155												3.1	2.3	2.5				155	
160	160													2.6					160	
165	165													2.1					165	

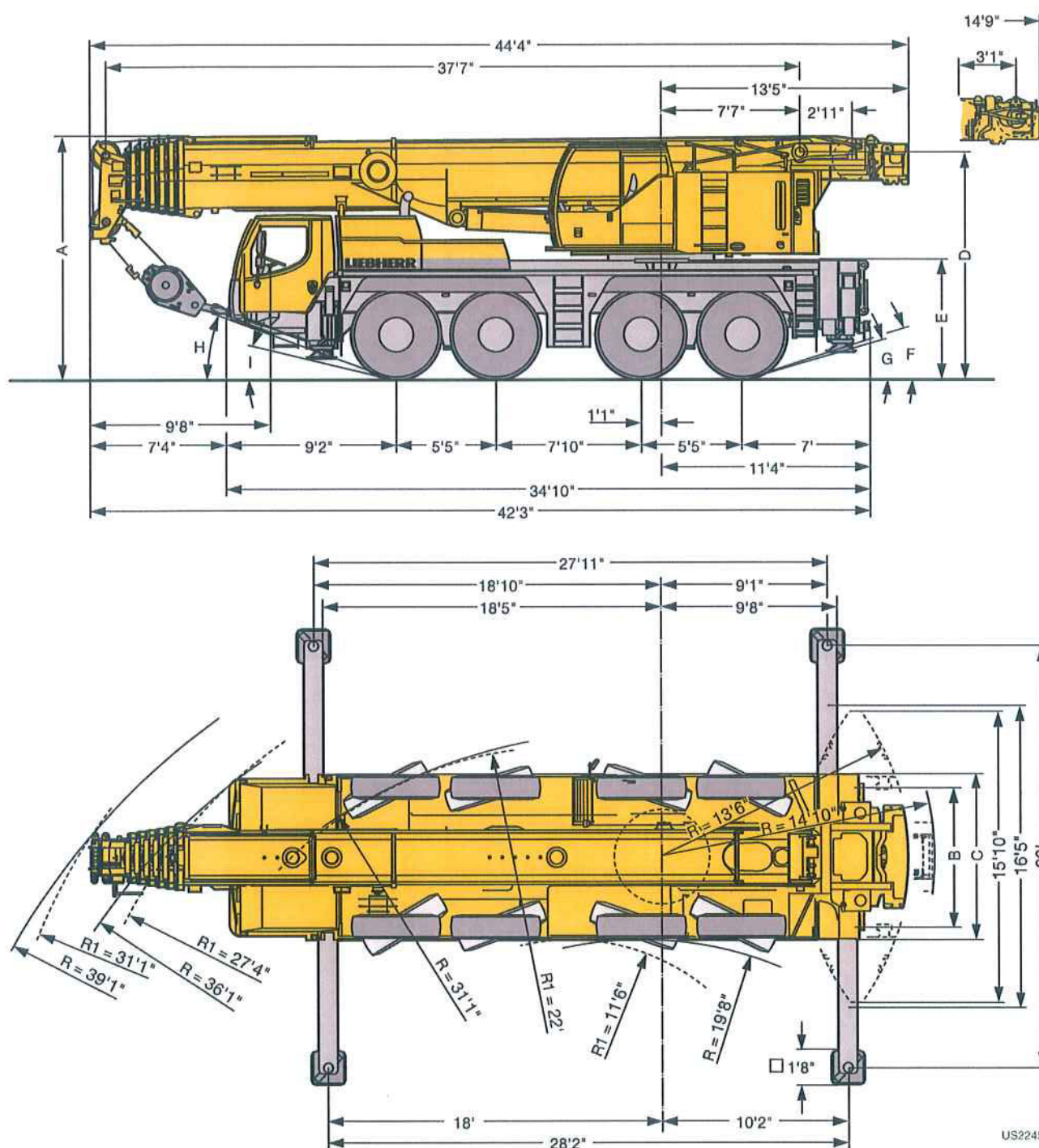
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Lifting heights Hauteurs de levage

TK



Dimensions Encombrement



US2245

R₁ = All-wheel steering · Direction toutes roues

	Dimensions · Encombrement									
	A	B	C	D	E	F	G	H	I	
16.00 R 25	13'1"	7'7"	9'	12'2"	6'4"	18°	14°	21°	15°	
20.5 R 25	13'1"	7'9"	9'6"	12'2"	6'4"	18°	17°	21°	15°	

Weights Poids



Axle Essieu lbs	1	2	3	4	Total weight lbs Poids total lbs
	26400	26400	26400	26400	105600 ¹⁾

¹⁾ with 5500 lbs counterweight - avec contrepoids 5500 lbs



Load (kips) Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
220.5	7	14	2730
167.6	5	11	1540
110.2	3	7	1540
48.5	1	3	990
16.5	-	1	550

Working speeds Vitesses



		1	2	3	4	5	6	7	8	9	10	11	12	R 1	R 2	
16.00 R 25		1.28 - 3.7	4.8	6.2	8	10.1	13	17	21.9	28.2	36.2	46	50	1.4 - 4	5.2	48 %
20.5 R 25	(mph)	0.3 - 0.9	1.2	1.5	1.9	-	-	-	-	-	-	-	-	0.3 - 1	1.2	61 %



Drive Mécanismes	Infinitely variable en continu	Rope diameter / length Diamètre / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 - 377 ft/min single line ft/min au brin simple	0'7" / 820'	17310 lbs
	0 - 377 ft/min single line ft/min au brin simple	0'7" / 820'	17310 lbs
	0 - 1.7 rpm		
	approx. 60 seconds to reach 82° boom angle env. 60 s jusqu'à 82°		
	approx. 400 seconds for boom extension from 38 ft - 197 ft env. 400 s pour passer de 38 ft - 197 ft		

Equipment Equipment

Crane carrier

Frame	Self-manufactured, torsion-resistant box-type design of high-tensile fine grained structural steel.
Outriggers	4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display.
Engine	6-cylinder Diesel, make Liebherr, type D846 A7, watercooled, output 350 kW (476 h.p.) at 1900 rpm, max. torque 1645 lbs-ft at 1100 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 106 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	Welded design, made of high-tensile fine grained steel. All axles steerable. Axles 2, 3 and 4 are planetary axles with differential locks.
Suspension	All axles are mounted on hydropneumatic suspension – "Niveaumatik suspension" and are lockable hydraulically.
Tyres	8 tyres, size: 16.00 R 25.
Steering	ZF-servocom power steering, dual circuit system, with hydraulic servo system and auxiliary pump circuit. 1. and 2. axle mechanically, 3. and 4. axle hydromechanically speed regulated steered. Steering acc. to EC directive 70/311 EEC.
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, 2 and 4. Sustained-action brake: Exhaust retarder with additional Liebherr braking system. Anti-lock device in conjunction with anti-skid control. Brakes acc. to EC directive 70/311 EEC.
Driver's cab	Spacious, steel made, corrosion resistant cab, cataphoretic dip-primed, on resilient suspension with hydraulic shock absorbers, sound and heat absorbing internal panelling acc. to EC directive, safety glazing, operating and control instruments, comfortably equipped.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each, lighting acc. to traffic regulations.

Crane superstructure

Frame	Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim.
Crane engine	4-cylinder Diesel, make Liebherr, type D934L A6, watercooled, output 129 kW (175 h.p.) at 1800 rpm, max. torque 601 lbs-ft at 1100 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3a and EPA/CARB Tier 3. Fuel reservoir: 66 gallons.
Crane drive	Diesel-hydraulic, with 1 axial piston variable displacement pump, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatement.
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, hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential ram with safety check valves.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear inversible from released to locked as standard feature.
Crane cab	All-steel construction, entirely galvanized, powder coated, with safety glazing, operating and control instruments, comfortably equipped, cab tiltable backwards.
Safety devices	LICCON2 safe load indicator, test system, hoist limit switch, safety valves to prevent pipe and hose ruptures.
Telescopic boom	Buckling and torsion resistant design of high-tensile structural steel, oviform boom profile, 1 base section and 6 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system "Telematik". Boom length: 38 ft – 197 ft.
Counterweight	37900 lbs basic counterweight.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Additional equipment

Swing-away jib	35 ft – 62 ft long, mountable to the telescopic boom at 0°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option).
Telescopic boom extension	23 ft – 46 ft long lattice section, thus higher pinning point for swing-away jib.
2nd hoist gear	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
Tyres	8 tyres, size 20.5 R 25.
Drive 8 x 8	Additional drive of the 1 st axle.
Additional counterweight	24300 lbs for a total counterweight of 62200 lbs.

Other items of equipment available on request.

Equipment Équipement

Châssis porteur

Cadre	Châssis résistant à la torsion de fabrication Liebherr, en acier à grains fins très résistant.
Calage	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydraulique-ment. Utilisation avec commande à distance, mise à niveau automatique du calage, inclinomètre électronique.
Moteur	Moteur diesel, 6 cylindres, fabriqué par Liebherr, de type D846 A7, à refroidissement par eau, de 350 kW (476 ch) à 1900 rpm, couple max. 1645 lbs-ft à 1100 rpm – 1500 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Capacité du réservoir à carburant: 106 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	Construction soudée en acier à haute résistance fins grains. Tous les essieux directeurs. Essieux 2, 3 et 4 planétaires avec blocage différentiel.
Suspension	Suspension hydropneumatique «Niveaumatik» – sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement.
Pneumatiques	8 pneus de taille: 16.00 R 25.
Direction	Direction hydraulique ZF-servocom, à deux circuits, assistée hydrauliquement, avec pompe auxiliaire entraînée par essieu. 1er et 2ème essieu dirigés mécaniquement en fonction de la vitesse, 3ème et 4ème essieu dirigés électrohydrauliquement en fonction de la vitesse. Direction conforme aux directives européennes CE 70/311 EWG.
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 1,2 et 4. Frein à régime continu: Ralentisseur sur échappement avec système de freinage additionnel Liebherr. Dispositif anti-enrayeur avec contrôle antipatinage. Freins selon directive CE 70/311 EWG.
Cabine du conducteur	Cabine spacieuse en tôle d'acier, traitement anticorrosion par bain de cataphorèse, avec suspension élastique et amortisseurs hydrauliques, revêtement intérieur avec isolation phonique et thermique selon les directives européennes, glaces de sécurité, appareils de commande et de contrôle, équipement confortable.
Installation électrique	Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune, éclairage conforme au code de la route.

Partie tournante

Cadre	Fabrication Liebherr, construction soudée indéformable, en acier à grain fin haute résistance. Couronne d'orientation à triple rangée de rouleaux.
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Moteur	Moteur diesel Liebherr, 4 cylindres, de type D934L A6, à refroidissement par eau, de 129 kW (175 ch) à 1800 rpm, couple max. 601 lbs-ft à 1100 rpm – 1500 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3a et EPA/CARB Tier 3. Capacité du réservoir à carburant: 66 gallons.
Entraînement de la grue	Diesel hydraulique avec 1 pompe à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés. Entraînement hydraulique compact, accouplé directement au moteur Diesel, mécanisme d'entraînement total fermé pour une bonne insonorisation.
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 équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.
Mécanisme de relevage	1 vérin différentiel avec soupapes de retenu.
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 du grutier	Construction en tôle d'acier entièrement zinguée avec peinture par poudrage et cuisson au four, avec glaces de sécurité, appareils de commande et de contrôle, équipement confortable. Cabine inclinable vers l'arrière.
Dispositif de sécurité	Contrôleur de charge, «LICCON2», système test, limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.
Flèche télescopique	Flèche télescopique en acier à haute résistance à grains fins, à profil ovale, 1 élément de base et 6 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide, «Telematik». Longueur de flèche: 38 ft – 197 ft.
Contrepoids	Plaque de base 37900 lbs.
Installation électrique	Technique moderne de transmission de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Équipement supplémentaire

Fléchette pliante	Longueur: 35 ft – 62 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).
Rallonge flèche télescopique	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, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.
Pneumatiques	8 pneus. Taille: 20.5 R 25.
Entraînement 8 x 8	Essieu 1 est entraîné additionnellement.
Contrepoids additionnel	24300 lbs pour un contrepoids total de 62200 lbs.

Autres équipements supplémentaires sur demande.

Remarks referring to load charts

1. The lifting capacities do not exceed 85 % of the tipping load according to ASME B 30.5.
2. The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
3. For the calculation of the load charts a minimum wind speed of 23 ft/s (7 m/s, 15.7 miles/hour) and regarding the load a sail area of 1.2 m² per ton of load are taken into account.
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centre.
7. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
8. Subject to modification of lifting capacities.
9. Lifting capacities above 153.2 kips / 181.2 kips only with additional pulley block/special equipment.

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.
2. La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
3. Lors du calcul des tableaux des charges, un vent de 23 ft/s (7 m/s, 15,7 miles/hour) minimum et en ce qui concerne la charge, une surface au vent de 1,2 m² par tonne de capacité de charge sont respectés.
4. Les charges sont indiquées en kips.
5. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
6. Les portées sont calculées à partir de l'axe de rotation.
7. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
8. Charges données sous réserve de modification.
9. Forces de levage plus de 153,2 kips / 181,2 kips seulement avec moufle additionnel/équipement supplémentaire.

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