

ALL TERRAIN CRANE 360 TONS

LIEBHERR LTM 1300/1

BOOM LENGTHS:
49 TO 197 FT

JIB LENGTHS:
40 TO 230 FT

JIB OFFSETS:
LUFFING



NOTES:

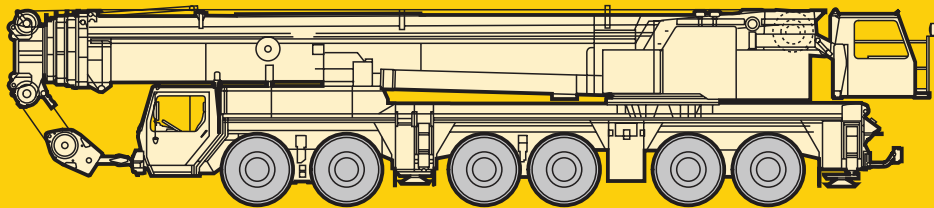
Technical Data
Caractéristiques techniques

LTM 1300/1

Mobile Crane
Grue automotrice

Telescopic boom
Flèche télescopique

max 197ft



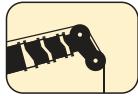
LIEBHERR

 **NESS CAMPBELL**
CRANE + RIGGING

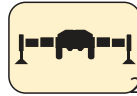
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Lifting capacities on telescopic boom.

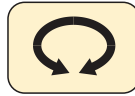
LTM 1300*1



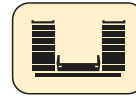
49 ft – 197 ft



29' x 27'11"



360°



192500 lbs

85%

	49 ft		66 ft	83 ft	100 ft	117 ft	134 ft	151 ft	168 ft	185 ft	197 ft	
ft	*											ft
10	704	481										10
11	558	459										11
12	477	437	368									12
13	457	417	368									13
14	437	399	368	368								14
15	417	381	367	364								15
16	399	365	361	351								16
17	381	350	350	339	290							17
18	364	336	336	328	282							18
20	331	309	309	306	266	216						20
22	302	287	287	284	252	206						22
24	276	267	267	265	239	196	172					24
26	254	249	248	247	226	187	165					26
28	236	233	233	231	215	179	159	137				28
30	219	218	218	216	204	171	153	132	112			30
32	205	204	204	203	194	164	147	127	109			32
34	192	192	192	191	186	158	141	123	106	88.5		34
36	182	182	182	180	177	152	136	119	103	86.5		36
38	171	171	171	169	169	146	131	115	100	84.5		38
40			161	160	161	140	126	111	97.5	82.5	73.5	40
45			141	140	142	128	115	102	90.5	78	71	45
50			126	124	126	118	105	93.5	84	73.5	67	50
55			113	111	113	109	97	86.5	78	69.5	63.5	55
60				100	102	101	90	80	72.5	65	60.5	60
65				90.5	92.5	93.5	84	74	67.5	61.5	57.3	65
70				82.5	84.5	86.5	78.5	69.5	63	58.2	54.2	70
75					77	79.5	73.5	65	59.2	55	51.2	75
80					70.5	73	68.5	61	55.8	51.9	48.3	80
85					67	67	64.5	57.1	52.6	49.1	45.7	85
90					63.5	62	59.7	54.1	49.6	46.4	43.4	90
95						57.6	55.2	51.2	46.7	43.9	41.2	95
100						53.6	52.1	48.5	44.1	41.6	39.1	100
105							49.5	45.9	41.9	39.3	37.1	105
110							46.2	43.4	39.8	37.5	35.3	110
115							43.3	40.9	37.9	35.8	33.6	115
120							40.6	38.6	36	34.1	32.2	120
125								37.1	34.2	32.5	30.7	125
130								35.7	32.8	31	29.4	130
135								34.1	31.5	29.5	28.1	135
140								31.6	30	28.2	26.8	140
145									28.4	27.2	25.6	145
150									27.4	26.2	24.4	150
155									26.4	25.3	23.6	155
160										24.3	22.7	160
165										23.3	21.9	165
170										21.9	21	170
175										20.8	20.2	175
180											19.3	180
185											17.5	185
190											13.3	190
I	0		0/ 0	46/ 0/ 0	92/46/ 0	92/46/ 0	92/46/ 0	92/46/ 0	92/46	92	100	I
II	0		46/ 0	46/ 0/ 0	46/46/46	46/46/92	46/92/92	92/92/92	92/92	92	100	II
III	0		0/ 0	0/46/ 0	0/46/46	46/46/46	46/46/92	46/92/92	92/92	92	100	III
IV	0		0/46	0/46/92	0/ 0/46	0/46/46	46/46/46	46/46/92	46/92	92	100	IV

* over rear / en arrière

TAB 122363 / 122364

Lifting capacities are given
in kips. (1,000 lbs).



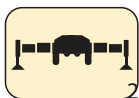
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Lifting capacities on telescopic boom.

LTM B001



49 ft – 197 ft



29' x 27'11"



360°



247500 lbs

85%

ft	49 ft	66 ft	83 ft	100 ft	117 ft	134 ft	151 ft	168 ft	185 ft	197 ft	ft
14			368								14
15	389	368	364								15
16	373	367	351								16
17	359	359	339	290							17
18	346	345	328	282							18
20	320	320	306	266	216						20
22	297	297	288	252	206						22
24	277	277	270	239	196	172					24
26	258	258	254	226	187	165					26
28	243	243	240	215	179	159	137				28
30	228	228	226	204	171	153	132	112			30
32	216	215	213	194	164	147	127	109			32
34	204	204	202	186	158	141	123	106	88.5		34
36	194	194	192	177	152	136	119	103	86.5		36
38	184	183	181	169	146	131	115	100	84.5		38
40		174	172	161	140	126	111	97.5	82.5	73.5	40
45		153	152	146	128	115	102	90.5	78	71	45
50		137	135	133	118	105	93.5	84	73.5	67	50
55		123	121	121	109	97	86.5	78	69.5	63.5	55
60			109	111	101	90	80	72.5	65	60.5	60
65			99	101	93.5	84	74	67.5	61.5	57.3	65
70			91	92.5	87.5	78.5	69.5	63	58.2	54.2	70
75				85	82	73.5	65	59.2	55	51.2	75
80				78.5	77	68.5	61	55.8	51.9	48.3	80
85				73	72	64.5	57.1	52.6	49.1	45.7	85
90				68	68.5	60.5	54.1	49.6	46.4	43.4	90
95					64.5	56.9	51.2	46.7	43.9	41.2	95
100					61	53.5	48.5	44.1	41.6	39.1	100
105						50.8	45.9	41.9	39.3	37.1	105
110						48.2	43.4	39.8	37.5	35.3	110
115						45.8	41.3	37.9	35.8	33.6	115
120						43.8	39.3	36	34.1	32.2	120
125							37.4	34.2	32.5	30.7	125
130							35.7	32.8	31	29.4	130
135							34.3	31.5	29.5	28.1	135
140							31.9	30.1	28.2	26.8	140
145								28.7	27.2	25.6	145
150								27.4	26.2	24.4	150
155								26.4	25.3	23.6	155
160									24.3	22.7	160
165									23.4	21.9	165
170									22.4	21	170
175									21.4	20.2	175
180										19.4	180
185										17.6	185
190										13.3	190
I	0	0/ 0	46/ 0/ 0	92/46/ 0	92/46/ 0	92/46/ 0	92/46/ 0	92/46	92	100	I
II	0	46/ 0	46/ 0/ 0	46/46/46	46/46/92	46/92/92	92/92/92	92/92	92	100	II
III	0	0/ 0	0/46/ 0	0/46/46	46/46/46	46/46/92	46/92/92	92/92	92	100	III
IV	0	0/46	0/46/ 92	0/ 0/46	0/46/46	46/46/46	46/46/92	46/92	92	100	IV

TAB 122362

Les forces de levage sont données en kips. (1,000 lbs).

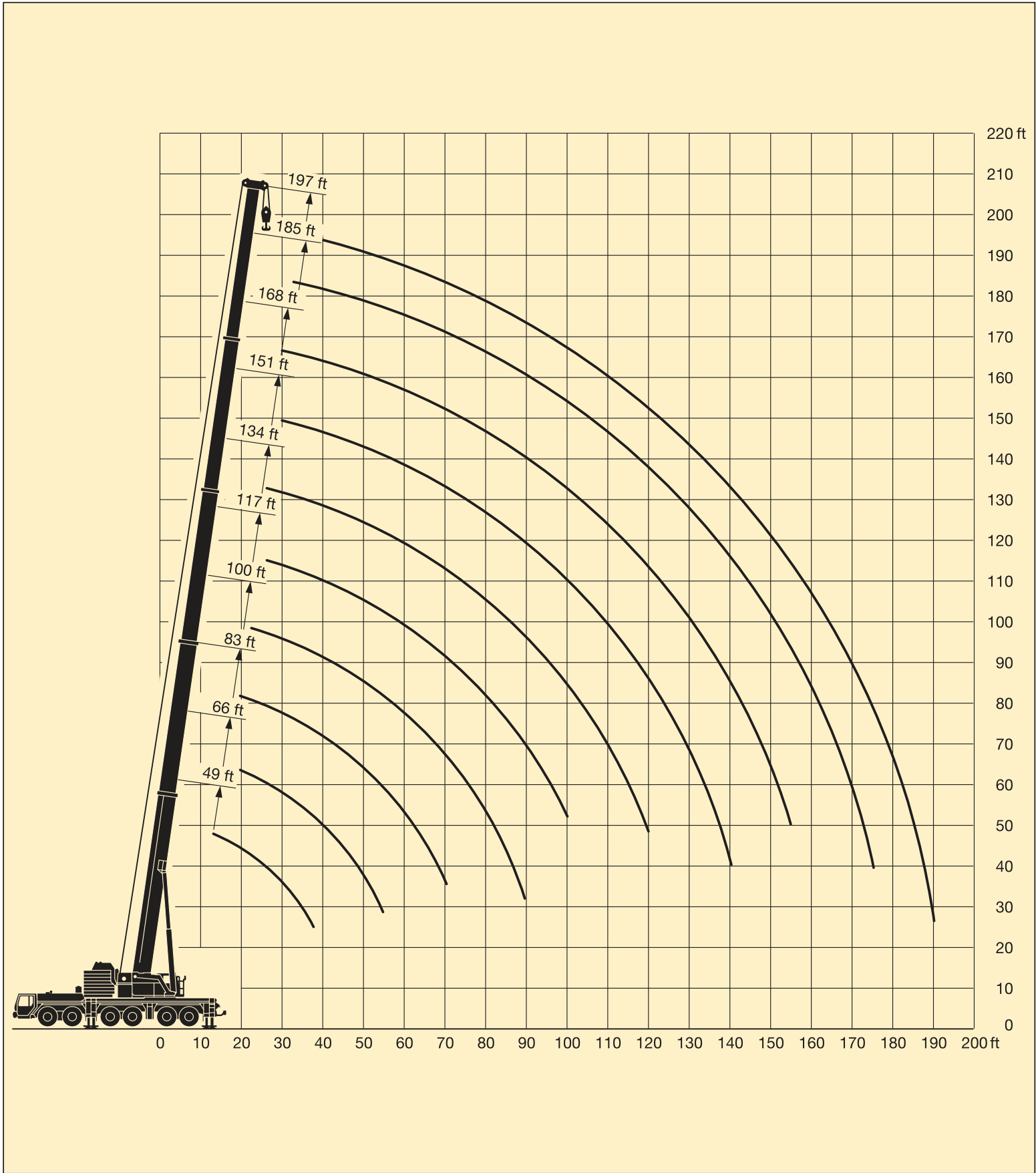


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Lifting heights.

LTM 13001

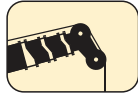
Telescopic boom.



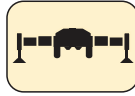
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Lifting capacities on guyed telescopic boom.

LTM 1300/1



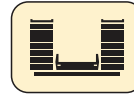
100ft–197ft



29'x27'11"



360°



247500 lbs

85%

 ft	100 ft	117 ft	134 ft	151 ft	168 ft	185 ft	197 ft	 ft	
24	267	223	183					24	
26	254	219	180					26	
28	241	216	178	143				28	
30	228	212	175	142	115			30	
32	215	208	173	140	114			32	
34	204	201	171	138	113	92.5		34	
36	193	191	168	137	111	92		36	
38	183	181	165	135	110	91		38	
40	173	172	162	133	109	90.5	75	40	
45	153	155	154	129	106	88.5	75	45	
50	137	140	140	125	104	86.5	74.5	50	
55	122	125	126	119	101	84.5	73.5	55	
60	110	113	114	114	98	83	72.5	60	
65	99.5	102	103	104	95	81	71	65	
70	90.5	93.5	94.5	95.5	92	79	69.5	70	
75	83	86	86.5	88	86.5	77	68	75	
80	76	79	79.5	81	81	75.5	66.5	80	
85	69.5	72.5	73	74.5	76.5	73.5	65	85	
90	64	67	67.5	69	71	69	63.5	90	
95		62	62.5	64	66	64.5	62.5	95	
100		57.5	58	59.4	61.5	59.9	59.9	100	
105			53.9	55.3	57.3	55.7	55.8	105	
110			50.2	51.6	53.7	52.1	52.1	110	
115			46.8	48.2	50.3	48.7	48.8	115	
120			43.7	45.1	47.1	45.5	45.6	120	
125				42.2	44.2	42.6	42.7	125	
130				39.5	41.6	40	40.1	130	
135				37.1	39.1	37.5	37.6	135	
140				31.9	36.8	35.2	35.4	140	
145					34.6	33.1	33.2	145	
150					32.6	31.1	31.2	150	
155					30.8	29.2	29.3	155	
160						27.4	27.5	160	
165						25.7	25.8	165	
170						24.1	24.2	170	
175							22.8	175	
180							21.4	180	
 %	I	46	92/46/ 0	92/46	92/46/ 0	92/46	92	100	I
	II	46	46/46/ 0	46/92	92/92/92	92/92	92	100	II
	III	46	46/46/92	46/46	46/92/92	92/92	92	100	III
	IV	0	0/46/92	46/46	46/46/92	46/92	92	100	IV

TAB 122365

Remarks referring to load charts.

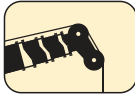
1. When calculating crane stresses and loads, German Industrial Standards (DIN) are applicable, in conformity with German legislation (published 2/85): The lifting capacities (stability margin) DIN/ISO are as laid down in DIN 15019, part 2, and ISO 4305. The crane's structural steel works is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
2. For the DIN/ISO load charts, depending on jib length, crane operation may be permissible at wind speeds up to 5 resp. 7 Beaufort.
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. Subject to modification of lifting capacities.
7. Lifting capacities above 367 kips only with special equipments.



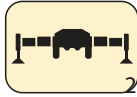
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Lifting capacities on guyed telescopic boom.

LTM 1300/1



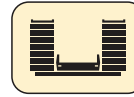
100 ft – 197 ft



29' x 27'11"



360°



192500 lbs

85%

	100 ft	117 ft	134 ft	151 ft	168 ft	185 ft	197 ft	
17	303							17
18	300							18
20	292	232						20
22	280	227						22
24	266	223	183					24
26	250	219	180					26
28	234	216	178	143				28
30	219	211	175	142	115			30
32	206	203	173	140	114			32
34	195	193	171	138	113	92.5		34
36	184	183	168	137	111	92		36
38	173	172	165	135	110	91		38
40	163	166	161	133	109	90.5	75	40
45	142	145	145	129	106	88.5	75	45
50	126	129	130	124	104	86.5	74.5	50
55	112	115	116	116	101	84.5	73.5	55
60	101	104	104	106	97.5	83	72.5	60
65	91	94	94.5	96	93.5	81	71	65
70	82	85.5	86	87.5	87.5	79	69.5	70
75	74.5	77.5	78.5	79.5	82	76.5	68	75
80	67.5	71	71.5	72.5	75	73	66.5	80
85	61.5	64.5	65	66.5	69	67	65	85
90	56.2	59.4	59.9	61.5	63.5	62	61.5	90
95		57.1	55.2	56.6	58.8	57.1	57.1	95
100		55.2	50.9	52.3	54.4	52.7	52.8	100
105			46.9	48.3	50.5	48.8	48.9	105
110			43.5	44.9	47	45.3	45.4	110
115			40.3	41.7	43.8	42.2	42.2	115
120			37.4	40.5	40.9	39.2	39.3	120
125				38.7	38.1	36.5	36.5	125
130				36.2	35.6	34	34.1	130
135				33.9	33.3	31.7	31.8	135
140				30.7	31.2	29.6	29.6	140
145					29.2	27.6	27.7	145
150					27.3	25.7	25.8	150
155					25.6	24	24.1	155
160						22.4	22.5	160
165						20.8	20.9	165
170						19.4	19.5	170
175							18.1	175
180							16.8	180
I	46	92/46/ 0	92/46	92/46/ 0	92/46	92	100	I
II	46	46/46/ 0	46/92	92/92/92	92/92	92	100	II
III	46	46/46/92	46/46	46/92/92	92/92	92	100	III
IV	0	0/46/92	46/46	46/46/92	46/92	92	100	IV

TAB 122353

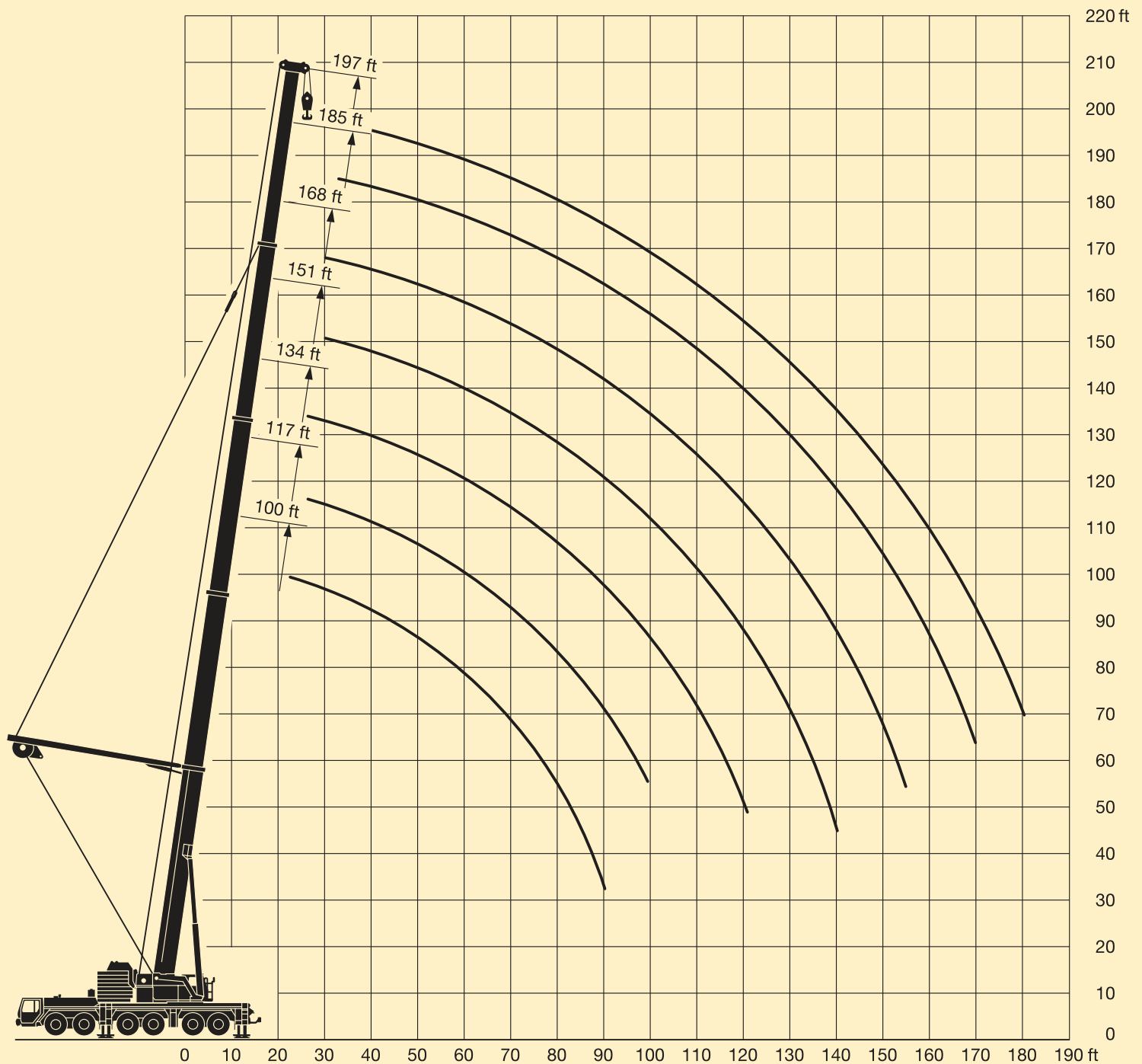


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Lifting heights.

Guyed telescopic boom.

LTM 13001



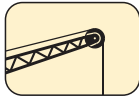
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Lifting capacities on the folding jib.

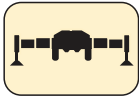
LTM 13001



49 ft – 197 ft



40 ft



29' x 27'11"



360°



192500 lbs



85%

	49 ft			151 ft			168 ft			185 ft			197 ft				
	40 ft			40 ft			40 ft			40 ft			40 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
12	50.9															12	
13	50.9															13	
14	50.9															14	
15	50.9															15	
16	50.9															16	
17	50.9															17	
18	50.9															18	
20	50.9															20	
22	50.9															22	
24	50.9	43.1														24	
26	50.9	41.3														26	
28	50.5	39.8														28	
30	49.7	38.3														30	
32	48.3	36.9														32	
34	46.7	35.7	28.2	50.9												34	
36	44.9	34.6	27.5	50.9												36	
38	43.2	33.5	26.9	50.9												38	
40	41.5	32.4	26.3	50.9			50.9									40	
45	38	30.2	25.1	50.9			50.9									45	
50	34.8	28.3	24.1	50.9	40.5		50.9			47.4			43.6			50	
55	31.6	26.7	23.3	50.9	38.8	28	50.9	38.1		45.5			42.1			55	
60	28.6	25.4	22.7	50.9	37.2	27.3	50.6	36.7	27.1	43.7	35.4		40.6	34.6		60	
65	26.2	24.1	22.3	50.9	35.8	26.7	49	35.4	26.5	41.8	34.3		39.2	33.6		65	
70	24	23.7	22.2	49.6	34.4	26.1	47.4	34.2	26	39.9	33.3	25.7	37.6	32.6	25.4	70	
75	21.8	22.5		48	33.2	25.5	45.8	33.1	25.5	38.1	32.3	25.2	36	31.8	25	75	
80				46	32.2	25	44	32.1	25	36.5	31.4	24.8	34.5	30.9	24.6	80	
85				43.7	31.1	24.6	41.8	31.1	24.6	34.9	30.6	24.4	33.2	30.2	24.2	85	
90				41.9	30.2	24.2	39.8	30.3	24.2	33.5	29.8	24	31.9	29.2	23.9	90	
95				40.2	29.3	23.9	38	29.5	23.9	32.1	28.9	23.7	30.7	28.2	23.6	95	
100				38.5	28.4	23.5	36.3	28.7	23.6	30.8	28	23.5	29.5	27.2	23.3	100	
105				37	27.6	23.2	34.7	28	23.3	29.7	27.2	23.2	28.3	26.3	23	105	
110				35.5	27	23	33.2	27.3	23	28.5	26.4	23	27.3	25.4	22.8	110	
115				34.1	26.4	22.8	31.6	26.7	22.8	27.5	25.6	22.7	26.2	24.6	22.6	115	
120				32.7	25.8	22.6	30	26.2	22.7	26.5	24.8	22.5	25.2	23.9	22.4	120	
125				31.3	25.3	22.4	28.5	25.7	22.5	25.5	24.1	22.3	24.2	23.2	22.2	125	
130				29.7	24.8	22.3	27.1	25.2	22.4	24.5	23.4	22.1	23.3	22.4	21.9	130	
135				28.4	24.3	22.2	25.7	24.8	22.2	23.6	22.7	21.8	22.2	21.8	21.3	135	
140				27.3	23.9	22.2	24.5	24.3	22.1	22.6	22.1	21.4	21.2	21.2	20.8	140	
145				26.2	23.8	22.2	23.5	23.6	21.9	21.8	21.4	21.1	20.2	20.5	20.3	145	
150				25.2	23.7	22.2	22.5	22.5	21.7	20.8	20.7	20.5	19.3	19.7	19.8	150	
155				24.2	23.6	22.2	21.6	21.6	21.4	19.9	20	20	18.4	18.8	19.2	155	
160				23	23	22.2	20.7	20.7	20.9	19	19.3	19.4	17.6	18	18.4	160	
165				21.6	22		19.8	19.8	20	18.2	18.5	18.7	16.8	17.2	17.5	165	
170				20.3	20.8		19	19	19.2	17.3	17.7	17.9	16	16.4	16.7	170	
175				19	19.4		18.2	18.3	18.3	16.5	17	17.1	15.3	15.7	16	175	
180							17.4	17.5		15.8	16.3	16.3	14.6	15	15.2	180	
185							16.6	16.7		15.2	15.6	15.7	13.9	14.3	14.5	185	
190							15.5	15.9		14.6	14.9	15	13.4	13.6	13.9	190	
195							14.3			14	14.2		12.8	12.9	13.2	195	
200										13.5	13.6		12.3	12.3	12.5	200	
205										12.9	13		11.7	11.7		205	
210													11.2	11.2		210	
215													10.7	10.6		215	
220													10.1			220	
	I	0			92/ 0			92/46			92			100			I
II	0			92/92			92/92			92			100			II	
III	0			46/92			92/92			92			100			III	
IV	0			46/92			46/92			92			100			IV	

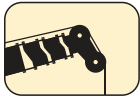
TAB 122357 / 122358 / 122359



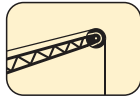
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Lifting capacities on the folding jib.

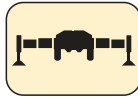
LTM 13001



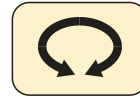
49 ft – 197 ft



69 ft



29' x 27'11"

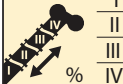


360°



192500 lbs

85%

	49 ft			151 ft			168 ft			185 ft			197 ft				
	69 ft			69 ft			69 ft			69 ft			69 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
17	25.7															17	
18	25.7															18	
20	25.7															20	
22	25.7															22	
24	25.7															24	
26	25.7															26	
28	25.7															28	
30	25.7															30	
32	25.7															32	
34	25.5															34	
36	25															36	
38	24.6															38	
40	24.1	20.8		25.7			25.7									40	
45	22.7	19.6		25.7			25.7									45	
50	21.4	18.5		25.7			25.7			25.2						50	
55	20.1	17.6		25.7			25.7			24.8			23.6			55	
60	19	16.7	14.6	25.7	20.9		25.7			24.3			23.2			60	
65	18	15.9	14.1	25.7	20.2		25.4			23.9			22.8			65	
70	17.1	15	13.4	25.4	19.6		24.8	19.2		23.3			22.4			70	
75	16.1	14.3	12.9	24.7	19		24	18.7		22.6	18.1		21.8			75	
80	15.1	13.6	12.4	23.9	18.5	14.8	23.3	18.2		22	17.6		21.3	17.3		80	
85	14.4	13	12	23.1	18	14.5	22.6	17.8		21.4	17.2		20.8	16.9		85	
90	13.7	12.4	11.7	22.3	17.5	14.3	21.9	17.3	14.2	20.9	16.9		20.3	16.5		90	
95	13	11.8	11.5	21.6	17	14	21.3	16.9	13.9	20.4	16.5	13.7	19.9	16.2	13.6	95	
100	12.4	11.5	11	20.9	16.6	13.7	20.7	16.5	13.7	19.9	16.1	13.5	19.4	15.9	13.4	100	
105	11.8			20.3	16.3	13.4	20.1	16.2	13.4	19.4	15.8	13.3	18.9	15.5	13.2	105	
110	11.3			19.7	15.9	13.1	19.5	15.8	13.2	19	15.5	13	18.5	15.3	12.9	110	
115				19.1	15.4	12.9	19	15.5	12.9	18.5	15.2	12.8	18.1	15	12.7	115	
120				18.6	14.9	12.7	18.5	15.1	12.7	18	14.9	12.6	17.7	14.7	12.5	120	
125				18	14.5	12.4	18	14.8	12.5	17.6	14.6	12.4	17.3	14.5	12.4	125	
130				17.5	14.2	12.3	17.6	14.4	12.3	17.2	14.3	12.3	16.9	14.2	12.2	130	
135				17	13.8	12.1	17.1	14	12.2	16.8	13.9	12.1	16.6	13.9	12.1	135	
140				16.5	13.5	11.9	16.7	13.7	12	16.4	13.6	12	16.2	13.6	11.9	140	
145				16	13.2	11.8	16.3	13.3	11.8	16.1	13.3	11.8	15.8	13.3	11.8	145	
150				15.4	12.9	11.7	15.9	13.1	11.7	15.7	13.1	11.7	15.3	13.1	11.7	150	
155				14.9	12.7	11.6	15.4	12.9	11.6	15.3	12.9	11.6	14.8	12.8	11.6	155	
160				14.5	12.4	11.5	14.9	12.6	11.6	14.9	12.7	11.5	14.4	12.6	11.5	160	
165				14.2	12.1	11.5	14.5	12.4	11.5	14.5	12.5	11.5	13.9	12.4	11.4	165	
170				13.8	11.9	11.4	14.2	12.2	11.5	14.1	12.3	11.4	13.5	12.2	11.3	170	
175				13.5	11.6	11.4	13.8	12	11.5	13.7	12.1	11.4	13.1	12	11.3	175	
180				13.1	11.5	11.4	13.4	11.8	11.4	13.3	12	11.4	12.7	11.9	11.3	180	
185				12.8	11.4	11.4	13.1	11.6	11.4	12.8	11.8	11.4	12.3	11.7	11.3	185	
190				12.5	11.4	11.4	12.8	11.4	11.4	12.5	11.6	11.4	11.7	11.6	11.3	190	
195				12.2	11.4		12.5	11.4	11.4	12.2	11.4	11.4	11.2	11.3	11.3	195	
200				11.9	11.4		12.2	11.4	11.4	11.8	11.4	11.4	10.6	11	11.2	200	
205							12	11.4		11.3	11.3	11.4	10.1	10.7	11	205	
210							11.8	11.4		10.9	11.1	11.4	9.6	10.1	10.7	210	
215							11.3	11.4		10.5	10.7	10.9	9.2	9.8	10.1	215	
220							10.7			10	10.2	10.4	8.9	9.4	9.6	220	
225										9.6	9.7		8.5	9	9.1	225	
230										9.1	9.3		8.2	8.5		230	
235										8.7	8.8		7.8	8.1		235	
240													7.5	7.8		240	
245													7.1	7.4		245	
	I	0			92/ 0			92/46			92			100			I
	II	0			92/92			92/92			92			100			II
	III	0			46/92			92/92			92			100			III
	IV	0			46/92			46/92			92			100			IV

TAB 122357 / 122358 / 122359

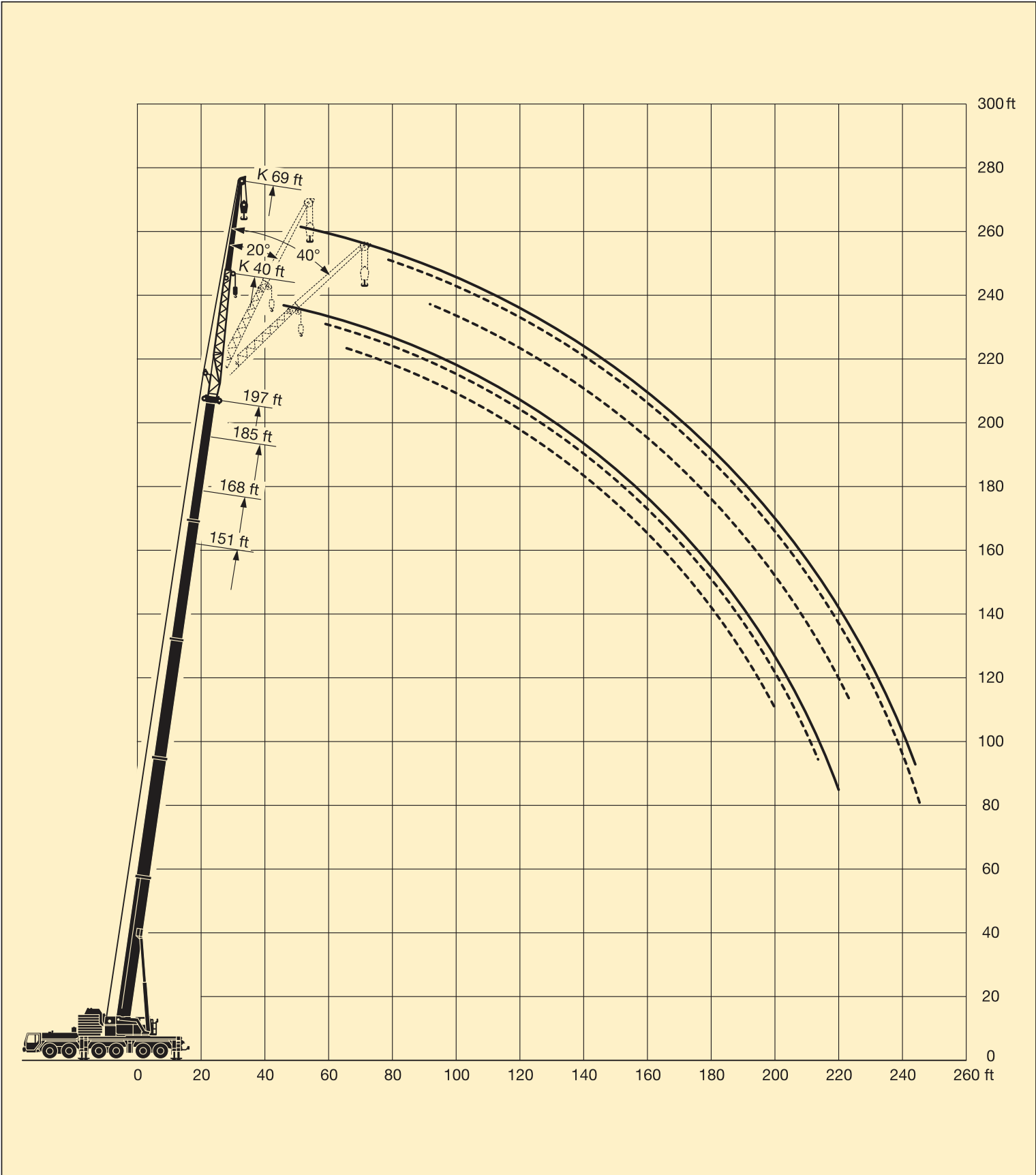


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Lifting heights.

LTM 13001

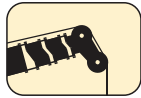
Folding jib.



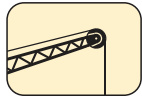
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Lifting capacities on the folding jib with guyed telescopic boom.

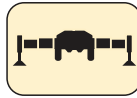
LTM 13001



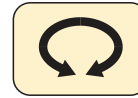
168 ft – 197 ft



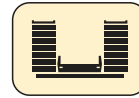
40 ft – 69 ft



29' x 27'11"



360°



247500 lbs

85%

	168 ft			185 ft			197 ft			168 ft			185 ft			197 ft				
	40 ft			40 ft			40 ft			69 ft			69 ft			69 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
40	50.9									25.7									40	
45	50.9									25.7									45	
50	50.9			48.2			42.4			25.7			25.3						50	
55	50.9	40.7		47.4	39.6		41.7			25.7			24.9			23.6			55	
60	50.9	39.1	27.8	46.5	38.2		41	37.2		25.7			24.5			23.2			60	
65	50.9	37.7	27.2	45.5	37		40.3	36.1		25.7			24.2			22.9			65	
70	50.9	36.4	26.6	44.5	35.9	26.5	39.6	35.1	26.3	25.3	19.6		23.7			22.6			70	
75	50.2	35.2	26.1	43.7	34.9	26	38.8	34.2	25.9	24.7	19.1		23.2	18.6		22.2			75	
80	49	34.1	25.6	42.8	33.8	25.6	38.1	33.3	25.4	24.1	18.7		22.7	18.2		21.8	17.7		80	
85	47.8	33	25.2	42.1	32.9	25.2	37.3	32.5	25.1	23.4	18.2		22.1	17.8		21.4	17.4		85	
90	46.4	32.1	24.8	41.3	32	24.8	36.6	31.6	24.7	22.8	17.8	14.3	21.6	17.4		21	17		90	
95	44.8	31.2	24.4	40.6	31.2	24.4	35.9	30.9	24.3	22.2	17.4	14.1	21.1	17.1	13.9	20.6	16.7	13.7	95	
100	43	30.3	24	39.9	30.4	24.1	35.1	30.1	24	21.7	17	13.9	20.7	16.8	13.7	20.1	16.4	13.6	100	
105	41.3	29.5	23.7	39.1	29.6	23.8	34.4	29.4	23.7	21.1	16.6	13.7	20.3	16.4	13.6	19.7	16.1	13.4	105	
110	39.8	28.7	23.3	38.4	28.9	23.5	33.7	28.8	23.4	20.5	16.3	13.5	19.8	16.1	13.4	19.2	15.8	13.2	110	
115	38.3	28	23	37.5	28.3	23.2	33.1	28.2	23.1	19.9	16	13.4	19.4	15.8	13.3	18.8	15.5	13.1	115	
120	36.8	27.4	22.8	36.4	27.7	22.9	32.5	27.6	22.9	19.4	15.6	13.2	18.9	15.5	13.1	18.4	15.2	13	120	
125	35.4	26.8	22.6	35.3	27.1	22.7	31.8	27	22.6	18.9	15.3	13.1	18.5	15.2	13	18	15	12.9	125	
130	34.1	26.2	22.4	34.3	26.6	22.5	31.3	26.5	22.4	18.4	15	12.9	18	14.9	12.8	17.6	14.7	12.7	130	
135	32.8	25.7	22.2	33.3	26.1	22.3	30.7	26	22.3	17.9	14.8	12.8	17.6	14.7	12.7	17.3	14.5	12.6	135	
140	31.7	25.2	22	32.3	25.6	22.2	30.1	25.5	22.1	17.5	14.5	12.6	17.2	14.4	12.6	16.9	14.2	12.5	140	
145	30.7	24.7	22	31.4	25.1	22	29.6	25.1	21.9	17	14.2	12.4	16.9	14.1	12.6	16.6	14	12.4	145	
150	29.5	24.3	22	30.3	24.6	21.8	29.1	24.7	21.8	16.6	14	12.2	16.5	14	12.4	16.2	13.8	12.3	150	
155	28.5	24	21.9	28.6	24.3	21.8	28.1	24.3	21.7	16.2	13.9	12.1	16.1	13.8	12.3	15.9	13.6	12.3	155	
160	27.7	23.6	21.9	26.9	24	21.8	26.6	24	21.6	15.8	13.7	12.1	15.8	13.7	12.2	15.6	13.4	12.2	160	
165	26.7	23.3	21.8	25.2	23.7	21.8	25	23.7	21.6	15.5	13.5	12	15.4	13.5	12.1	15.3	13.3	12.1	165	
170	25.3	23	21.8	23.6	23.4	21.8	23.4	23.4	21.6	15.2	13.3	11.9	15.1	13.3	12	15	13.1	12	170	
175	23.9	22.6	21.8	22.1	22.7	21.8	21.9	22.6	21.6	14.9	13.2	11.8	14.9	13.2	11.9	14.7	13	11.9	175	
180	22.5	22.3		20.7	21.6	21.4	20.5	21.5	21.3	14.6	13	11.8	14.7	13	11.8	14.5	12.9	11.9	180	
185	21.2	21.7		19.4	20.2	20.5	19.2	20.1	20.5	14.3	12.9	11.8	14.4	12.9	11.8	14.3	12.7	11.8	185	
190	19.9	20.3		18.1	18.8	19.1	17.9	18.7	19.1	14.1	12.9	11.8	14.2	12.8	11.8	14.1	12.7	11.8	190	
195				16.9	17.5		16.7	17.4	17.8	13.8	12.8	11.8	14	12.8	11.8	14	12.6	11.7	195	
200				15.8	16.3		15.5	16.2	16.5	13.7	12.7	11.8	13.8	12.8	11.8	13.8	12.6	11.7	200	
205				14.7	15.1		14.4	15		13.5	12.6		13.6	12.7	11.8	13.6	12.5	11.7	205	
210							13.4	13.9		13.4	12.4		13.4	12.7	11.8	13.4	12.4	11.7	210	
215							12.4	12.8		13.2	12.4		13.3	12.6	11.8	13.3	12.4	11.7	215	
220							11.4			13			12.8	12.5	11.8	12.7	12.4	11.7	220	
225													12.1	12.3		11.7	12.3	11.7	225	
230													11.1	11.9		10.8	11.8		230	
235													10.3	10.9		10	10.8		235	
240																9.3	9.9		240	
245																8.8	9.2		245	
	I	92/46			92			100			92/46			92			100			I
	II	92/92			92			100			92/92			92			100			II
	III	92/92			92			100			92/92			92			100			III
	IV	46/92			92			100			46/92			92			100			IV

TAB 122369 / 122370 / 122371

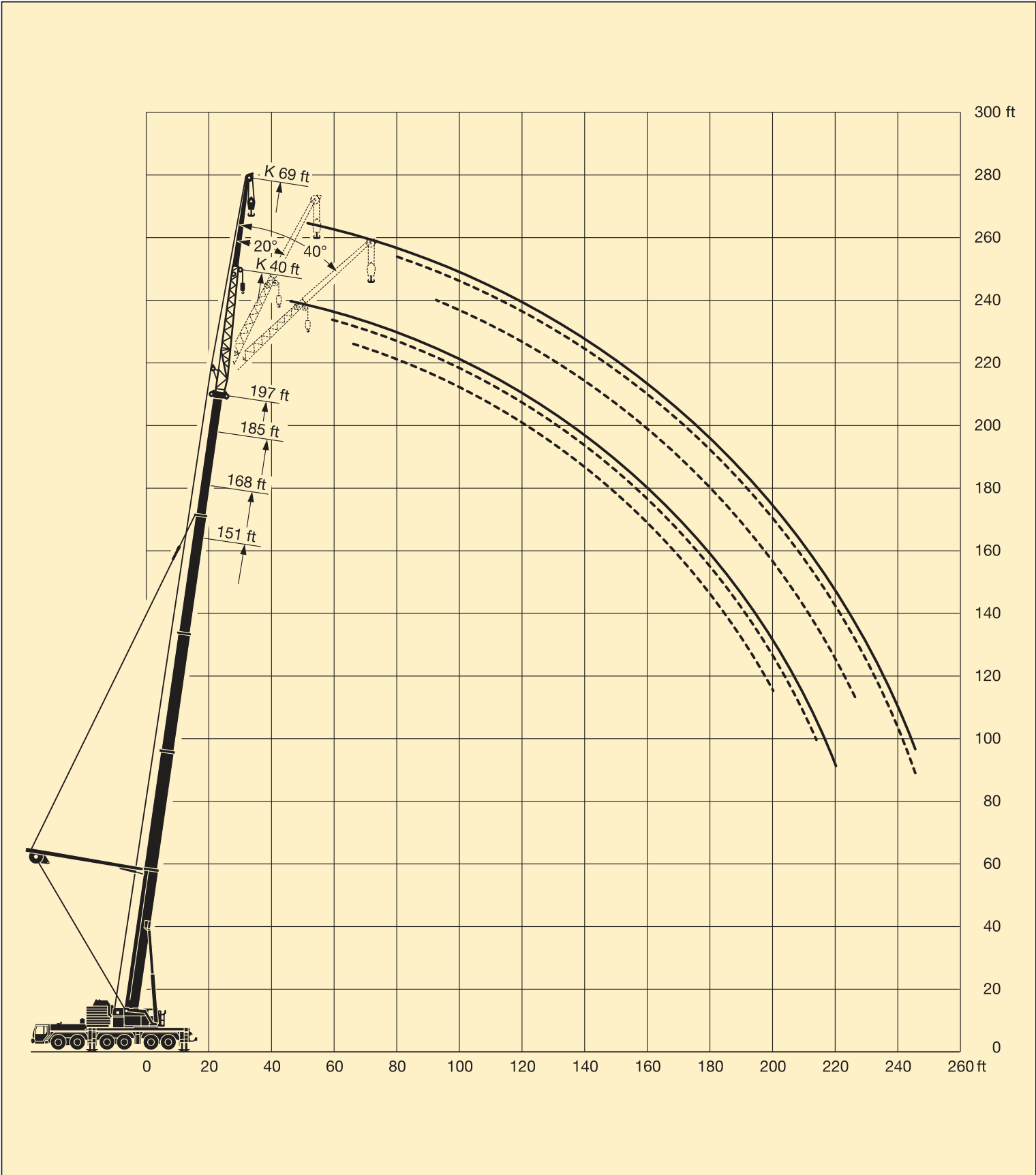


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Lifting heights.

LTM 1300'1

Folding jib on guyed telescopic boom.



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Lifting capacities on the lattice fly jib.

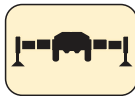
LTM 1300¹



151 ft – 197 ft



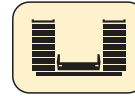
0°
46 ft – 161 ft



29' x 27'11"

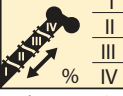


360°



192500 lbs

85%

 ft	151 ft + 8 ft*	168 ft + 8 ft*	185 ft + 8 ft*					197 ft + 8 ft*	 ft
	46 ft	46 ft	46 ft	69 ft	92 ft	115 ft	138 ft	138 ft	
40	61.5								40
45	58.9								45
50	56.1	49.3	38.1						50
55	53.4	47.2	36.5	28.2					55
60	50.8	45	35	27	21.6				60
65	48.3	43.1	33.6	25.9	20.7				65
70	46	41	32	24.9	19.9	15.6			70
75	43.8	39	30.6	23.8	19	14.9	11.4		75
80	41.7	37.1	29.2	22.7	18	14.1	10.7	9.6	80
85	40	35.3	27.9	21.6	17.2	13.3	10.1	9.4	85
90	38.3	33.6	26.8	20.6	16.3	12.6	9.5	8.9	90
95	36.8	32.2	25.6	19.6	15.6	11.9	8.9	8.4	95
100	35.2	30.8	24.6	18.8	14.8	11.3	8.4	8	100
105	33.5	29.4	23.5	18	14.1	10.7	8	7.7	105
110	31.5	28	22.6	17.2	13.5	10.1	7.7	7.3	110
115	29.9	26.7	21.6	16.5	12.8	9.6	7.3	7	115
120	28.4	25.4	20.8	15.8	12.2	9.1	7	6.7	120
125	26.9	24.1	19.9	15.2	11.7	8.6	6.7	6.4	125
130	25.6	22.9	19.1	14.5	11.2	8.3	6.3	6.1	130
135	24.3	21.7	18.4	14	10.7	7.9	6.1	5.9	135
140	23	20.6	17.7	13.4	10.2	7.6	5.8	5.6	140
145	21.7	19.5	17	12.9	9.8	7.3	5.5	5.4	145
150	20.5	18.4	16.4	12.5	9.3	7	5.3	5.1	150
155	19.6	17.4	15.7	12	9	6.7	5	4.9	155
160	18.7	16.4	14.9	11.5	8.7	6.5	4.8	4.7	160
165	17.8	15.5	14.1	11.1	8.4	6.2			165
170	17	14.7	13.3	10.6	8.1	6			170
175	16.2	14	12.5	10.2	7.9	5.8			175
180	15.2	13.3	11.8	9.9	7.6	5.5			180
185	14	12.6	11.1	9.6	7.3	5.3			185
190	12.9	11.9	10.4	9.2	7.1	5.1			190
195		11.3	9.8	8.8	6.9	4.9			195
200		10.5	9.3	8.3	6.7	4.7			200
205			8.9	7.8	6.5	4.5			205
210			8.5	7.3	6.3	4.4			210
215			8.1	6.9	6.1	4.2			215
220			7.7	6.6	5.9	4.1			220
225				6.3	5.7	4			225
230				6	5.3	3.8			230
235				5.6	5.1	3.7			235
240				5.3	4.8	3.5			240
245					4.5	3.4			245
250					4.2	3.3			250
255					3.9	3			255
260					3.7	2.8			260
265					3.4				265
 %	I	92	92	92	92	92	92	100	I
	II	92	92	92	92	92	92	100	II
	III	46	92	92	92	92	92	100	III
	IV	46	46	92	92	92	92	100	IV

* adapter / pièce d'adaptateur

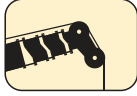
TAB 122372



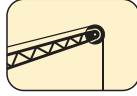
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Lifting capacities on the lattice fly jib.

LTM 1300/1



151 ft – 197 ft



20° / 40°
46 ft – 138 ft



29' x 27'11"

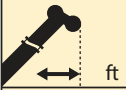


360°



192500 lbs

85%

	151 ft + 8 ft*		168 ft + 8 ft*		185 ft + 8 ft*								
	46 ft		46 ft		46 ft		69 ft		92 ft		115 ft		
	20°	40°	20°	40°	20°	40°	20°	40°	20°	40°	20°	40°	
60	41.5		39.9										60
65	39.8		38.3										65
70	38.2	26.8	36.6		26.8								70
75	36.7	26.3	35	26	25.7								75
80	35.3	25.8	33.4	25.5	24.7	22	18.5						80
85	34	25.3	32	25.1	23.7	21.3	17.7						85
90	32.8	24.9	30.6	24.7	22.8	20.7	17						90
95	31.8	24.4	29.4	24.4	22	20	16.3		12.4				95
100	30.7	24.1	28.3	24	21.3	19.4	15.7	13.8	11.9				100
105	29.8	23.8	27.2	23.7	20.6	18.9	15.1	13.4	11.4		8.3		105
110	28.9	23.6	26.2	23.4	19.9	18.3	14.5	13	10.9		8		110
115	28	23.3	25.2	23.2	19.2	17.8	14	12.6	10.4	8.6	7.7		115
120	27.1	23.1	24.2	23	18.6	17.4	13.5	12.2	10	8.5	7.4		120
125	26.5	22.8	23.3	22.7	18	16.9	13	11.8	9.7	8.4	7.1		125
130	25.8	22.6	22.6	22	17.5	16.5	12.6	11.4	9.3	8.2	6.9		130
135	24.7	22.6	21.8	21.3	17	16.1	12.1	11.1	9	8	6.6	5.2	135
140	23.5	22.6	20.9	20.7	16.5	15.8	11.7	10.8	8.6	7.8	6.4	5.1	140
145	22.3	22.5	20	20.1	16	15.4	11.4	10.5	8.3	7.6	6.1	5	145
150	21.1	21.6	18.9	19.4	15.5	15.1	11	10.2	8.1	7.4	5.9	4.9	150
155	20.1	20.5	17.9	18.4	14.9	14.7	10.6	10	7.8	7.3	5.7	4.8	155
160	19.2	19.5	16.9	17.4	14.5	14.3	10.3	9.7	7.6	7.1	5.5	4.7	160
165	18.3	18.5	15.9	16.5	14	13.9	10	9.5	7.4	6.9	5.3	4.6	165
170	17.4	17.6	15.1	15.6	13.6	13.6	9.7	9.3	7.2	6.7	5.1	4.6	170
175	16.6	16.7	14.4	14.7	13	13.2	9.5	9.1	7	6.6	4.9	4.5	175
180	15.7		13.6	13.9	12.3	12.8	9.3	8.9	6.8	6.4	4.8	4.4	180
185	14.6		12.9	13.1	11.5	12.1	9.1	8.7	6.6	6.3	4.6	4.2	185
190	13.4		12.1	12.3	10.8	11.4	8.8	8.7	6.4	6.2	4.4	4.1	190
195			11.4		10.3	10.7	8.6	8.5	6.3	6	4.3	4	195
200			10.7		9.8	10	8.3	8.4	6.1	5.9	4.1	3.9	200
205					9.2		8.1	8.3	6	5.8	4	3.8	205
210					8.7		7.9	8.1	5.8	5.7	3.9	3.7	210
215					8.2		7.5	7.8	5.7	5.7	3.7	3.6	215
220					7.8		7.1	7.3	5.5	5.6	3.6	3.5	220
225							6.7	6.9	5.4	5.5	3.5	3.4	225
230							6.3		5.4	5.4	3.4	3.3	230
235							6		5.3	5.4	3.3	3.3	235
240							5.6		5.1	5.3	3.2	3.2	240
245									4.9	5.1	3.1	3.1	245
250									4.5		3	3.1	250
255									4.2		3	3	255
260									3.9		2.9	3	260
265									3.6		2.9	3	265
I	92		92		92		92		92		92		I
II	92		92		92		92		92		92		II
III	46		92		92		92		92		92		III
IV	46		46		92		92		92		92		IV

* adapter / pièce d'adaptateur

TAB 122373 / 122374

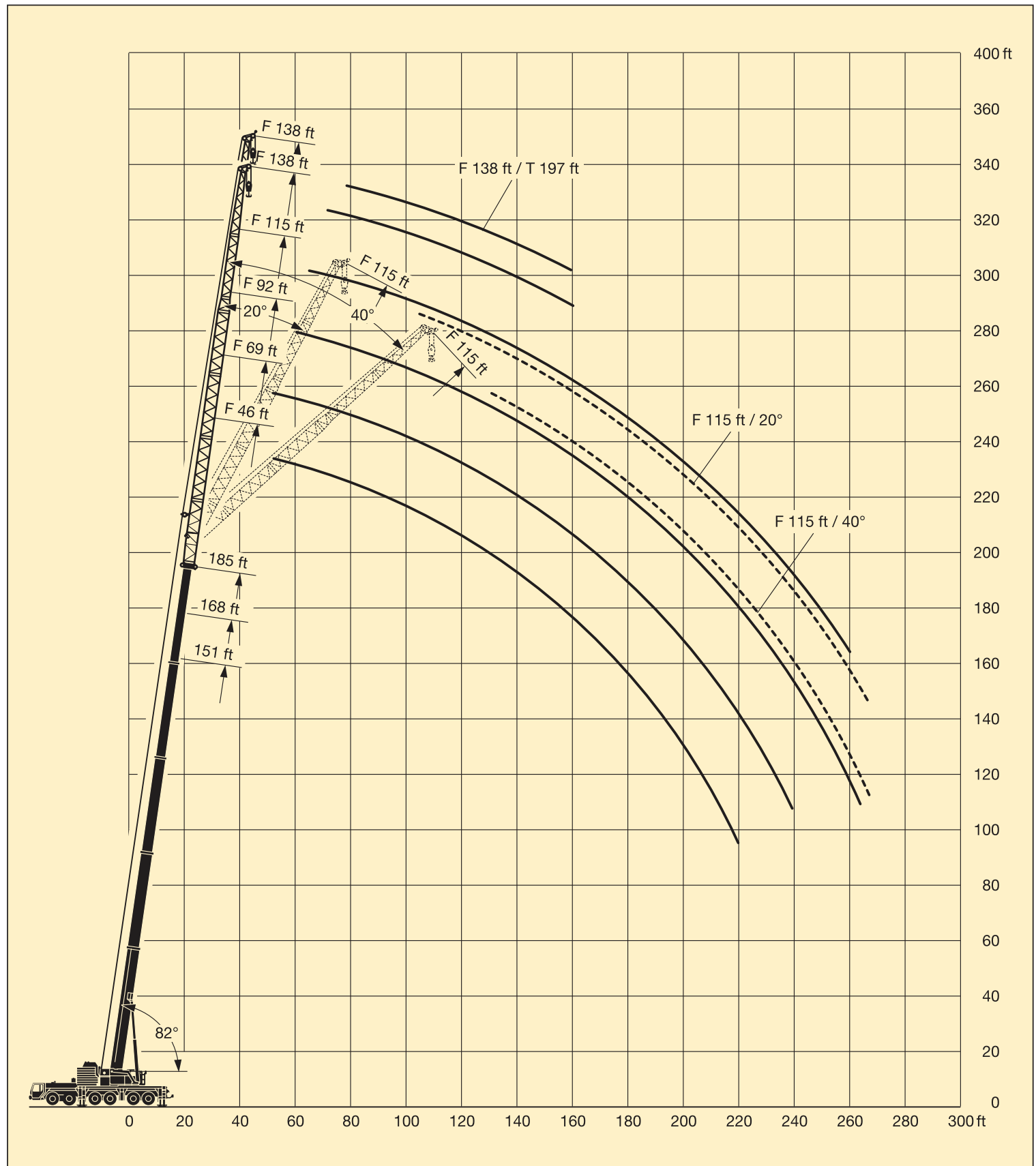


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Lifting heights.

Lattice fly jib.

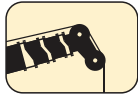
LTM 13001



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Lifting capacities on the lattice fly jib with guyed telescopic boom.

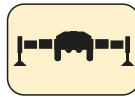
LTM B3001



151 ft – 197 ft



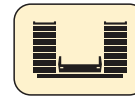
0°
46 ft – 161 ft



29° x 27°11"

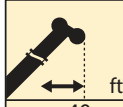


360°



247500 lbs

85%

 ft	151 ft + 8 ft*	168 ft + 8 ft*	185 ft + 8 ft*						197 ft + 8 ft*		 ft
	46 ft	46 ft	46 ft	69 ft	92 ft	115 ft	138 ft	161 ft	138 ft	161 ft	
40	68										40
45	68										45
50	66.5	54.6	40.9								50
55	64.5	54	40.5	32.6							55
60	62	53.2	39.9	32.2	24.9						60
65	59.9	52.3	39.2	31.6	24.8						65
70	58	51.5	38.6	30.8	24.4	19.6					70
75	56.1	50.5	38	30	24	19.2	14.6				75
80	54.3	49.5	37.4	29.3	23.4	18.7	14.5	9.7	12.1		80
85	52.5	48.6	36.7	28.6	22.7	18.1	14.1	9.7	12.1		85
90	50.8	47.5	35.9	27.8	22.1	17.5	13.7	9.6	12	8	90
95	49.2	46.5	35.1	27	21.6	17	13.2	9.3	11.7	8	95
100	47.6	45.5	34.2	26.2	21.1	16.5	12.7	9	11.3	7.9	100
105	46.2	44.6	33.5	25.5	20.6	16	12.2	8.7	10.9	7.7	105
110	44.8	43.6	32.7	24.9	20	15.5	11.8	8.4	10.6	7.4	110
115	43.6	42.6	32	24.2	19.4	15.1	11.3	8.1	10.2	7.2	115
120	41.7	41.2	31.3	23.6	18.9	14.6	10.9	7.8	9.9	6.9	120
125	38.8	38.9	30.6	23	18.4	14.1	10.5	7.6	9.5	6.7	125
130	36.2	36.3	30	22.4	17.9	13.7	10.1	7.3	9.2	6.5	130
135	33.7	33.8	29.3	21.8	17.4	13.3	9.8	7.1	8.9	6.3	135
140	31.4	31.5	28.7	21.3	17	12.9	9.5	6.8	8.6	6	140
145	29.3	29.4	28.1	20.8	16.5	12.5	9.1	6.5	8.3	5.8	145
150	27.3	27.4	27.6	20.3	16.1	12.1	8.8	6.3	8	5.6	150
155	25.4	25.5	26.2	19.8	15.7	11.7	8.6	6	7.8	5.4	155
160	23.6	23.7	24.6	19.3	15.3	11.3	8.3	5.8	7.5	5.2	160
165	22	22.1	22.9	18.9	15	10.9	8	5.6	7.3	5	165
170	20.3	20.5	21.3	18.4	14.6	10.6	7.8	5.3	7.1	4.8	170
175	18.8	18.9	19.8	18	14.2	10.3	7.5	5.1	6.9	4.6	175
180	17.4	17.5	18.4	17.6	13.9	10.1	7.3	4.9	6.7	4.4	180
185	16	16.1	17	17.1	13.6	9.8	7.1	4.8	6.5	4.2	185
190	14.7	14.8	15.6	16.1	13.3	9.6	6.9	4.6	6.3	4.1	190
195		13.6	14.4	14.9	13	9.4	6.7	4.4	6.1		195
200		12.4	13.2	13.7	12.8	9.1	6.6	4.2	5.9		200
205			12	12.5	12.6	8.9	6.4	4.1	5.8		205
210			10.9	11.4	12.3	8.7	6.2	3.9	5.6		210
215			9.9	10.3	11.2	8.5	6	3.8	5.5		215
220			9.2	9.5	10.2	8.3	5.9	3.6	5.3		220
225				8.8	9.4	8.1	5.7	3.5	5.2		225
230				8.2	8.7	7.9	5.5	3.3	5		230
235				7.5	8.1	7.8	5.4	3.2	4.9		235
240				6.9	7.5	7.4	5.3		4.8		240
245					6.9	6.9	5.2		4.6		245
250					6.4	6.4	5.1		4.5		250
255					5.8	5.9	4.9		4.3		255
260					5.3	5.3	4.8		4.2		260
265					4.8	4.8	4.7		4		265
270						4.4	4.5		3.8		270
275						3.9	4		3.5		275
280						3.5	3.6		3.1		280
285						3.1	3.2				285
290							2.7				290
295							2.4				295
 %	I	92	92	92	92	92	92	92	100	100	I
	II	92	92	92	92	92	92	92	100	100	II
	III	46	92	92	92	92	92	92	100	100	III
	IV	46	46	92	92	92	92	92	100	100	IV

* adapter / pièce d'adaptateur

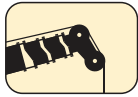
TAB 122375



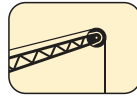
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Lifting capacities on the lattice fly jib with guyed telescopic boom.

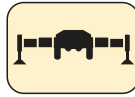
LTM 1300¹



151 ft – 185 ft



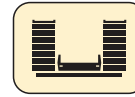
20° / 40°
46 ft – 138 ft



29' x 27'11"



360°



247500 lbs

85%

	151 ft + 8 ft*		168 ft + 8 ft*		185 ft + 8 ft*										
	46 ft		46 ft		46 ft		69 ft		92 ft		115 ft		138 ft		
	20°	40°	20°	40°	20°	40°	20°	40°	20°	40°	20°	40°	20°		
60	46.5		45.1												60
65	45.2		44												65
70	44	27.5	42.9		35.5										70
75	42.7	26.9	42	26.8	34.5										75
80	41.4	26.4	41	26.3	33.6	26.1	24.2								80
85	40.2	25.9	40.1	25.9	32.8	25.6	23.5								85
90	39.2	25.4	39.1	25.5	32	25.2	22.8								90
95	38.2	25	38.2	25	31.2	24.8	22.2		17.1						95
100	37.3	24.6	37.4	24.6	30.5	24.5	21.6	15.1	16.6						100
105	36.4	24.3	36.6	24.3	29.8	24.1	21	14.8	16.2						105
110	35.5	23.9	35.8	24	29.1	23.8	20.4	14.6	15.8						110
115	34.7	23.7	35	23.7	28.5	23.6	19.9	14.3	15.5	9	10.8				115
120	34	23.4	34.3	23.5	27.9	23.3	19.4	14.1	15.1	8.8	10.5				120
125	33.4	23.1	33.6	23.2	27.3	23	19	13.9	14.8	8.7	10.2		7		125
130	32.7	22.8	33.1	23	26.8	22.8	18.5	13.7	14.4	8.5	9.9		6.8		130
135	32.2	22.7	32.6	22.7	26.3	22.6	18.1	13.5	14.1	8.4	9.7	5.3	6.6		135
140	31.6	22.6	32	22.6	25.8	22.5	17.7	13.3	13.7	8.3	9.4	5.2	6.4		140
145	30.9	22.5	31.2	22.5	25.4	22.3	17.4	13.1	13.4	8.2	9.1	5.1	6.3		145
150	28.9	22.5	29.1	22.5	25	22.2	17	13	13.1	8.1	8.8	5	6.1		150
155	26.9	22.4	27.1	22.4	24.5	22.1	16.7	12.9	12.8	7.9	8.6	4.9	5.9		155
160	25	22.3	25.3	22.4	24.2	22	16.3	12.8	12.5	7.8	8.4	4.9	5.8		160
165	23.2	22.2	23.5	22.3	23.8	21.9	16	12.7	12.2	7.7	8.2	4.8	5.6		165
170	21.5	21.8	21.8	22.3	22.7	21.9	15.8	12.6	11.9	7.6	8	4.7	5.4		170
175	19.9	20.1	20.2	20.8	21.2	21.4	15.6	12.5	11.7	7.6	7.8	4.6	5.3		175
180	18.3		18.6	19.2	19.6	20.3	15.3	12.4	11.4	7.5	7.7	4.6	5.2		180
185	16.8		17.2	17.6	18.2	18.8	15.1	12.4	11.2	7.5	7.5	4.5	5		185
190	15.3		15.8	16	16.8	17.3	14.9	12.4	11	7.4	7.3	4.4	4.9		190
195			14.4		15.4	15.9	14.7	12.4	10.8	7.4	7.2	4.4	4.7		195
200			13.1		14.2	14.5	14.5	12.4	10.7	7.3	7.1	4.4	4.6		200
205					12.9		14	12.4	10.5	7.3	6.9	4.3	4.5		205
210					11.7		12.9	12.4	10.4	7.3	6.8	4.3	4.4		210
215					10.5		11.8	12.1	10.2	7.3	6.7	4.3	4.3		215
220					9.5		10.6	11.2	10.1	7.3	6.6	4.2	4.2		220
225							9.7	10	9.9	7.3	6.5	4.2	4.1		225
230							8.9		9.7	7.3	6.4	4.2	4		230
235							8.2		9.3	7.3	6.3	4.2	3.9		235
240							7.5		8.6	7.3	6.2	4.2	3.8		240
245									7.9	7.3	6.1	4.2	3.8		245
250									7.3		6	4.2	3.7		250
255									6.6		5.9	4.2	3.6		255
260									6		5.8	4.2	3.5		260
265									5.4		5.7	4.2	3.5		265
270											5.4	4.2	3.4		270
275											4.9	4.2	3.3		275
280											4.3		3.2		280
285											3.7		3.1		285
290													3		290
295													2.9		295
300													2.8		300
	I	92	92		92		92		92		92		92	I	
	II	92	92		92		92		92		92		92	II	
	III	46	92		92		92		92		92		92	III	
	IV	46	46		92		92		92		92		92	IV	

* adapter / pièce d'adaptateur

TAB 122376 / 122377

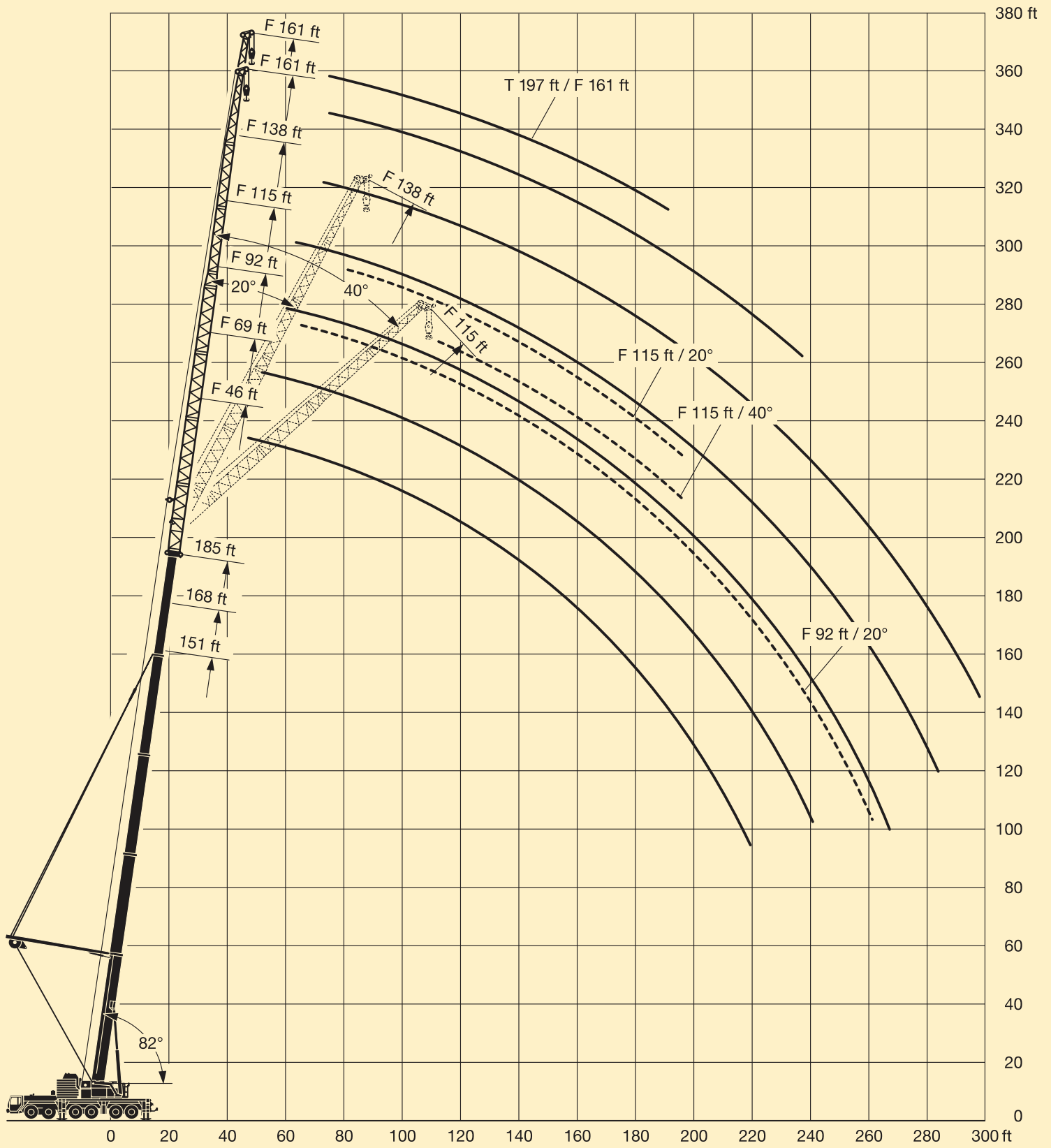


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Lifting heights.

Lattice fly jib on guyed telescopic boom.

LTM 1300'1



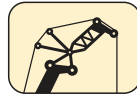
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Lifting capacities on the luffing lattice jib.

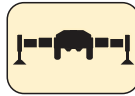
LTM 13001



82°
49 ft – 185 ft



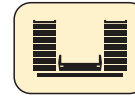
57 ft – 230 ft



29' x 27'11"



360°



192500 lbs

85%

ft	49 ft + 13 ft*									83 ft + 13 ft*						ft
	57ft	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft	
30	170															30
32	165															32
34	160	150								133						34
36	156	146								133						36
38	152	142								133						38
40	148	139	118							133	112					40
45	140	131	114							133	111					45
50	135	125	110	90.5						131	111	88.5				50
55	124	119	106	88.5	71.5					125	111	87.5	68			55
60		114	102	86.5	70.5					115	110	86.5	68	53.3		60
65		108	98.5	84.5	69.5					105	105	85	68	53.3		65
70		91	94	82	68	54.8					97.5	83.5	67	53.3	41	70
75			88.5	80	67	54.3	42					82	66	53.2	41	75
80			82	77.5	65.5	53.4	42	31.5				80.5	65	52.8	41	80
85			74.5	74	64.5	52.4	42	31.5				78	64	52	41	85
90			63.5	70	63	51.2	41.7	31.5	23.3			73.5	63	51.2	41	90
95				66	61.5	50	41	31.5	22.8			66.5	62	50.3	40.9	95
100				62	59.4	48.9	40.2	31.4	22.3				61	49.4	40.5	100
105				57.5	56.3	47.7	39.2	31.1	21.8				60	48.4	39.7	105
110				49.9	53.3	46.7	38.3	30.6	21.4				57.5	47.5	38.9	110
115					50.6	45.7	37.5	30.2	20.9				52.8	46.7	38.1	115
120					48.3	44.6	36.6	29.7	20.5					45.9	37.4	120
125					45.9	43.5	35.8	29.1	20.1					45.1	36.7	125
130					41.6	41.4	35.1	28.5	19.7					44.3	36	130
135					36.9	39.5	34.3	27.8	19.3					42.5	35.4	135
140						37.9	33.6	27.2	19						34.8	140
145						36.3	32.9	26.6	18.6						34.3	145
150						34.3	32.3	26	18.4						33.8	150
155						30.6	31.2	25.6	18.1						33.4	155
160							30.1	25.3	17.9						31.4	160
165							29.1	25.2	17.7							165
170							28	25	17.6							170
175							25.6	24.8	17.5							175
180								24.4	17.4							180
185								23.6	17.1							185
190								22.9	16.6							190
195								21.4	16							195
200								19.2	15.5							200
205									15							205
210									14.5							210
215									14.1							215
220									13.6							220
I	0									46						I
II	0									46						II
III	0									0						III
IV	0									0						IV

* adapter / pièce d'adaptateur

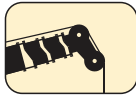
TAB 122378.1/2



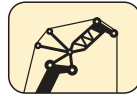
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Lifting capacities on the luffing lattice jib.

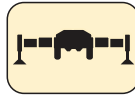
LTM 1300¹



82°
49 ft – 185 ft



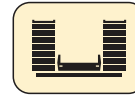
57 ft – 230 ft



29' x 27'11"

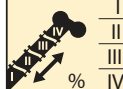


360°



192500 lbs

85%

 ft	83 ft + 13 ft*			117 ft + 13 ft*									151 ft + 13 ft*			 ft	
	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	57ft	69ft	92ft		
40				91.5												40	
45				91.5												45	
50				91.5	78.5											50	
55				90.5	78.5	61.5							55.2	47.2		55	
60				88.5	78.5	61.5	48.2						55.2	47.2	35.7	60	
65				85.5	78.5	61.5	48.2						55.2	47.2	35.7	65	
70					77	61.5	48.2	37.5					55.2	47.2	35.7	70	
75	31				75	61.5	48.2	37.5	28.3					47.2	35.7	75	
80	31					60.5	48.2	37.5	28.3					47.2	35.7	80	
85	31					60	48.2	37.5	28.3					47.2	35.7	85	
90	31	24.1				59.4	47.7	37.5	28.3	22					35.7	90	
95	31	24.1	17.6			59	47.2	37.5	28.3	22	16.1				35.7	95	
100	31	24.1	17.6				46.7	37.5	28.3	22	16.1	11.3			35.7	100	
105	31	24.1	17.6				46.3	37.5	28.3	22	16.1	11.3				105	
110	31	24.1	17.6				45.8	37.2	28.3	22	16.1	11.3				110	
115	30.8	24.1	17.6				45.4	36.7	28.3	22	16.1	11.3				115	
120	30.4	24.1	17.6				45	36.3	28.3	22	16.1	11.3				120	
125	29.8	24.1	17.4					35.8	28.3	22	16.1	11.3				125	
130	29.2	23.7	17.1					35.3	28.2	22	16.1	11.3				130	
135	28.6	23.3	16.8					34.9	27.9	22	16.1	11.3				135	
140	28.1	22.8	16.6					34.6	27.5	21.9	16.1	11.3				140	
145	27.5	22.4	16.3						27.1	21.8	16.1	11.3				145	
150	27	22	16.1						26.7	21.4	16.1	11.3				150	
155	26.6	21.7	15.8						26.4	21	16.1	11.3				155	
160	26.3	21.4	15.7						26.2	20.8	16.1	11.3				160	
165	26.2	21.1	15.6						26.2	20.6	16.1	11.3				165	
170	26	20.9	15.5						26.2	20.4	16.1	11.3				170	
175	25.8	20.7	15.4							20.4	16	11.3				175	
180	25.6	20.6	15.3							20.4	15.9	11.3				180	
185		20.5	15.3							20.4	15.8	11.3				185	
190		20.4	15.2							20.4	15.8	11.3				190	
195		20.4	15.2								15.8	11.3				195	
200		20.4	15								15.8	11.3				200	
205		19.6	14.7								15.8	11.3				205	
210			14.2									11.3				210	
215			13.8									11.3				215	
220			13.5									11.3				220	
225			13.2									11.3				225	
230												11.3				230	
235												11.3				235	
 %	I	46			92									92			I
	II	46			46									92			II
	III	0			46									46			III
	IV	0			0									46			IV

* adapter / pièce d'adaptateur

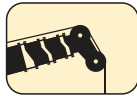
TAB 122378.3/4



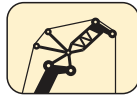
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Lifting capacities on the luffing lattice jib.

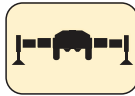
LTM 1300¹



82°
49 ft – 185 ft



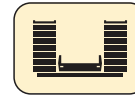
57 ft – 230 ft



29' x 27'11"

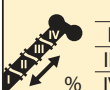


360°



192500 lbs

85%

	151 ft + 13 ft*						185 ft + 13 ft*								
	115ft	138ft	161ft	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft	184ft		
60							33.2	28.5						60	
65							33.2	28.5						65	
70	26.7						33.2	28.5	20.7					70	
75	26.7	20					33	28.5	20.7	15				75	
80	26.7	20	14.6					28.5	20.7	15				80	
85	26.7	20	14.6					28.5	20.7	15				85	
90	26.7	20	14.6					28.3	20.7	15	10.7			90	
95	26.7	20	14.6	10.1					20.7	15	10.7	7.2		95	
100	26.7	20	14.6	10.1	6.8				20.7	15	10.7	7.2	4.3	100	
105	26.7	20	14.6	10.1	6.8	4			20.7	15	10.7	7.2	4.3	105	
110	26.7	20	14.6	10.1	6.8	4			20.7	15	10.7	7.2	4.3	110	
115	26.7	20	14.6	10.1	6.8	4				15	10.7	7.2	4.3	115	
120	26.7	20	14.6	10.1	6.8	4				15	10.7	7.2	4.3	120	
125	26.7	20	14.6	10.1	6.8	4				15	10.7	7.2	4.3	125	
130	26.7	20	14.6	10.1	6.8	4				15	10.7	7.2	4.3	130	
135		20	14.6	10.1	6.8	4					10.7	7.2	4.3	135	
140		20	14.6	10.1	6.8	4					10.7	7.2	4.3	140	
145		20	14.6	10.1	6.8	4					10.7	7.2	4.3	145	
150		20	14.6	10.1	6.8	4					10.7	7.2	4.3	150	
155			14.6	10.1	6.8	4					10.7	7.2	4.3	155	
160			14.6	10.1	6.8	4						7.2	4.3	160	
165			14.6	10.1	6.8	4						7.2	4.3	165	
170			14.6	10.1	6.8	4						7.2	4.3	170	
175				10.1	6.8	4						7.2	4.3	175	
180				10.1	6.8	4							4.3	180	
185				10.1	6.8	4							4.3	185	
190				10.1	6.8	4							4.3	190	
195				10.1	6.8	4							4.3	195	
200					6.8	4								200	
205					6.8	4								205	
210					6.8	4								210	
215					6.8	4								215	
220						4								220	
225						4								225	
230						4								230	
235						4								235	
	I	92						92							I
	II	92						92							II
	III	46						92							III
	IV	46						92							IV

* adapter / pièce d'adaptateur

TAB 122378.5

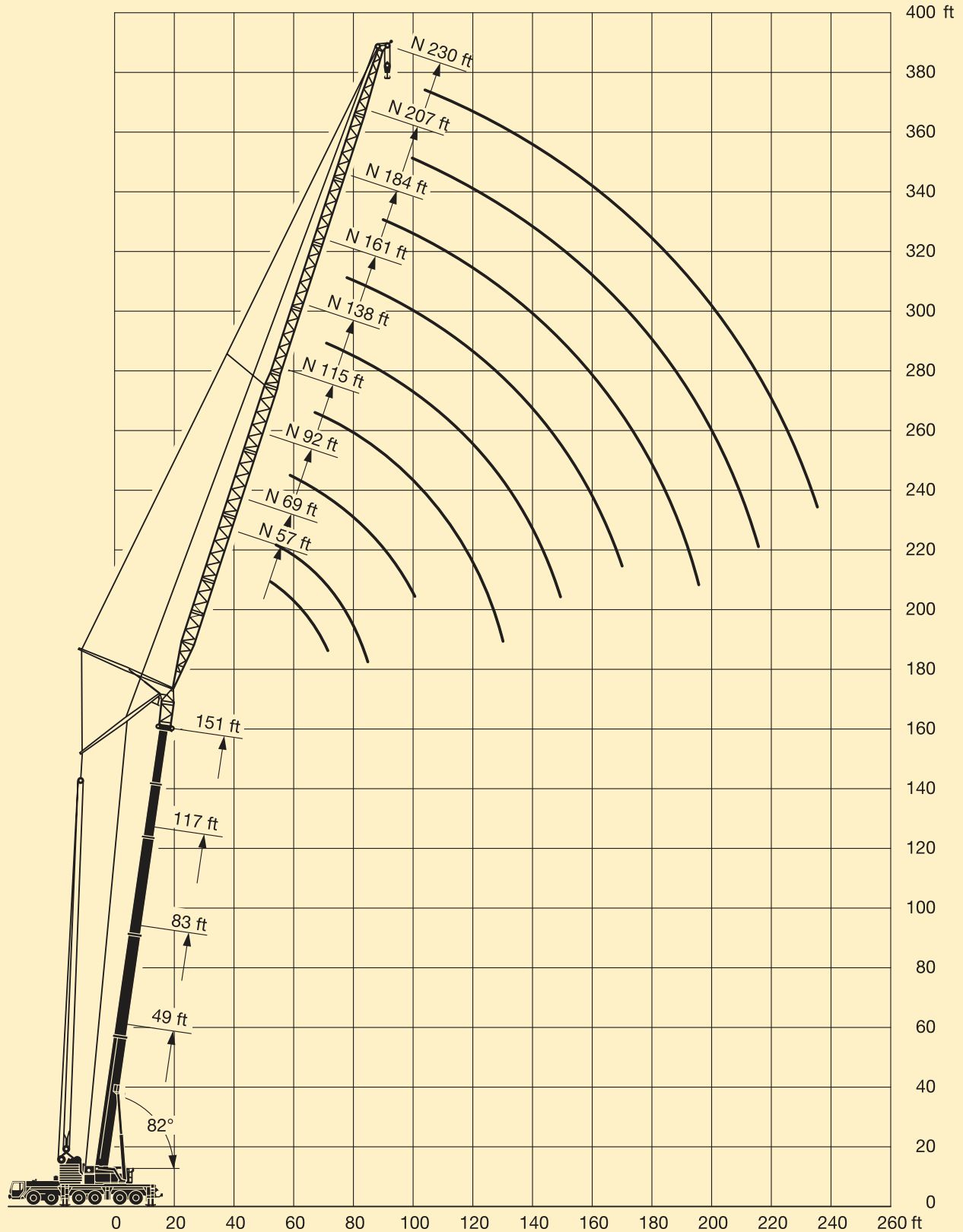


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Lifting heights.

Luffing lattice jib.

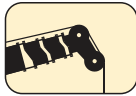
LTM 13001



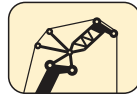
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Lifting capacities on the luffing lattice jib.

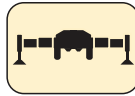
LTM 1300'1



74°
49 ft – 185 ft



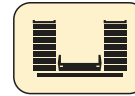
57 ft – 230 ft



29' x 27'11"



360°



192500 lbs

85%

	49 ft + 13 ft*									83 ft + 13 ft*							
	57ft	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft		
50	128															50	
55	121	116														55	
60	114	109	100							107	106					60	
65	105	104	95.5							98.5	98					65	
70		97	92							91.5	91					70	
75		90.5	88	78.5						85	84.5	82				75	
80			83.5	76	64.5						78.5	77.5				80	
85			78.5	73.5	63						73.5	72.5				85	
90			74	71	62						69	68	65.5			90	
95			69.5	68	60.5	50.4						63.5	62.5	51.8		95	
100			63.5	64.5	59.3	49.6	40.5					60	59	51.8		100	
105				61	57.9	48.7	40.5					56.7	55.6	51.8	39.8	105	
110				57.9	56.5	47.9	39.9					53.7	52.7	50.8	39.8	110	
115				54.9	54.1	47.2	39.3	29.9					49.9	48.7	39.8	115	
120				51.3	51.4	46.5	38.7	29.7					47.5	46.2	39.8	120	
125					48.9	46	38.2	29.3	20.2				45.1	43.9	39.8	125	
130					46.6	45.2	37.7	29	19.8				43	41.8	39.8	130	
135					44.5	43.5	37.2	28.6	19.4					39.9	38.8	135	
140					42.1	41.6	36.8	28.3	19.1					38.1	37.3	140	
145					38.8	39.7	36.4	27.9	18.8					36.4	35.6	145	
150					33.1	38.1	35.9	27.6	18.5					34.9	34.1	150	
155						36.4	35.1	27.4	18.3					33.5	32.6	155	
160						34.9	33.9	27.3	18.1						31.3	160	
165						33.1	32.5	27.1	17.9						30	165	
170						29	31.2	26.9	17.8						28.8	170	
175							30	26.8	17.6						27.7	175	
180							28.9	26.6	17.4							180	
185							27.4	26.3	17.2							185	
190							24.8	25.7	17							190	
195							21.5	24.7	16.9							195	
200								23.8	16.5							200	
205								22.7	15.9							205	
210								21.2	15.3							210	
215								18.6	14.8							215	
220									14.3							220	
225									13.8							225	
230									13.5							230	
235									13.3							235	
	I	0									46						I
	II	0									46						II
	III	0									0						III
	IV	0									0						IV

* adapter / pièce d'adaptateur

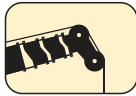
TAB 122379.1/2



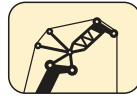
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Lifting capacities on the luffing lattice jib.

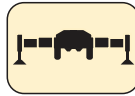
LTM 1300¹



74°
49 ft – 185 ft



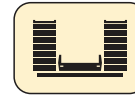
57 ft – 230 ft



29' x 27'11"

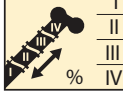


360°



192500 lbs

85%

 ft	83 ft + 13 ft*			117 ft + 13 ft*									151 ft + 13 ft*			 ft
	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	57ft	69ft	92ft	
75				72	69.5											75
80				68.5	66.5											80
85				65.5	63.5											85
90					61	56.3							44.7			90
95					58.4	54.4	46.6						42.9	41.3		95
100						52.5	46.5							39.7	35.3	100
105						50.6	46.1	35.9							34.7	105
110						48.4	44.8	35.9							33.7	110
115	29.7					46.1	43.6	35.9							32.6	115
120	29.7						42.2	35.9	27.1						31.5	120
125	29.7	22.8					40.6	35.9	27.1	20.7					30.5	125
130	29.7	22.8					38.7	35.9	27.1	20.7					29.8	130
135	29.7	22.8	16.5				36.9	35.2	27.1	20.7						135
140	29.7	22.8	16.5				35.2	33.9	27.1	20.7	15					140
145	29.7	22.8	16.4					32.4	27.1	20.7	15	10.4				145
150	29.7	22.8	16.1					30.9	27.1	20.7	15	10.4				150
155	29.7	22.8	15.9					29.6	27.1	20.7	15	10.4				155
160	29.3	22.8	15.8					28.4	26.8	20.7	15	10.4				160
165	28.5	22.8	15.7						26	20.7	15	10.4				165
170	27.3	22.8	15.6						24.9	20.7	15	10.4				170
175	26.2	22.8	15.5						23.9	20.7	15	10.4				175
180	25.2	22.8	15.4						22.9	20.7	15	10.4				180
185	24.1	22.7	15.3						22	20.5	15	10.4				185
190	23.2	22.3	15.2						21.2	19.8	15	10.4				190
195	22.3	21.5	15.1							19	15	10.4				195
200	21.5	20.6	15							18.2	15	10.4				200
205		19.8	14.9							17.5	15	10.4				205
210		19	14.8								15	10.4				210
215		18.3	14.6								14.6	10.4				215
220		17.6	14.4								14.1	10.4				220
225			14.1								13.4	10.4				225
230			13.7								12.9	10.4				230
235			13.5								12.3	10.4				235
240			13.3									10.1				240
245			13									9.7				245
250												9.4				250
255												9.1				255
 %	I	46					92						92			I
	II	46					46						92			II
	III	0					46						46			III
	IV	0					0						46			IV

* adapter / pièce d'adaptateur

TAB 122379.3/4



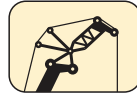
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Lifting capacities on the luffing lattice jib.

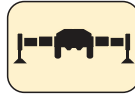
LTM 13001



74°
49 ft – 185 ft



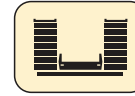
57 ft – 230 ft



29' x 27'11"



360°



192500 lbs

85%

	151 ft + 13 ft*						185 ft + 13 ft*								
	115ft	138ft	161ft	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft	184ft		
100							26.2							100	
105								23.2						105	
110								22.3						110	
115	26.7							21.5	18.6					115	
120	26.7	19.9							17.9					120	
125	26.7	19.9							17.4	14.3				125	
130	26.4	19.9							16.8	13.9				130	
135	25.8	19.9	14.4						16.2	13.4				135	
140	25.1	19.9	14.4	9.8						13	10.4			140	
145	24.4	19.9	14.4	9.8						12.5	10	7.2		145	
150	23.7	19.9	14.4	9.8						12.1	9.7	7.2		150	
155		19.9	14.4	9.8	6.5					11.7	9.3	7.2		155	
160		19.8	14.4	9.8	6.5					11.3	9	7.1	4.3	160	
165		19.6	14.4	9.8	6.5	3.8					8.7	7	4.3	165	
170		19.1	14.4	9.8	6.5	3.8					8.5	6.8	4.3	170	
175		18.8	14.4	9.8	6.5	3.8					8.2	6.6	4.3	175	
180			14.4	9.8	6.5	3.8					8	6.4	4.3	180	
185			14.4	9.8	6.5	3.8						6.2	4.3	185	
190			14.4	9.8	6.5	3.8						6	4.3	190	
195			14.4	9.8	6.5	3.8						5.8	4.1	195	
200				9.8	6.5	3.8						5.7	4	200	
205				9.8	6.5	3.8						5.5	3.8	205	
210				9.8	6.5	3.8							3.7	210	
215				9.8	6.5	3.8							3.5	215	
220				9.8	6.5	3.8							3.4	220	
225					6.5	3.8							3.3	225	
230					6.5	3.8								230	
235					6.5	3.8								235	
240					6.5	3.8								240	
245						3.8								245	
250						3.8								250	
255						3.8								255	
260						3.8								260	
265						3.8								265	
	I	92						92							I
	II	92						92							II
	III	46						92							III
	IV	46						92							IV

* adapter / pièce d'adaptateur

TAB 122379.5

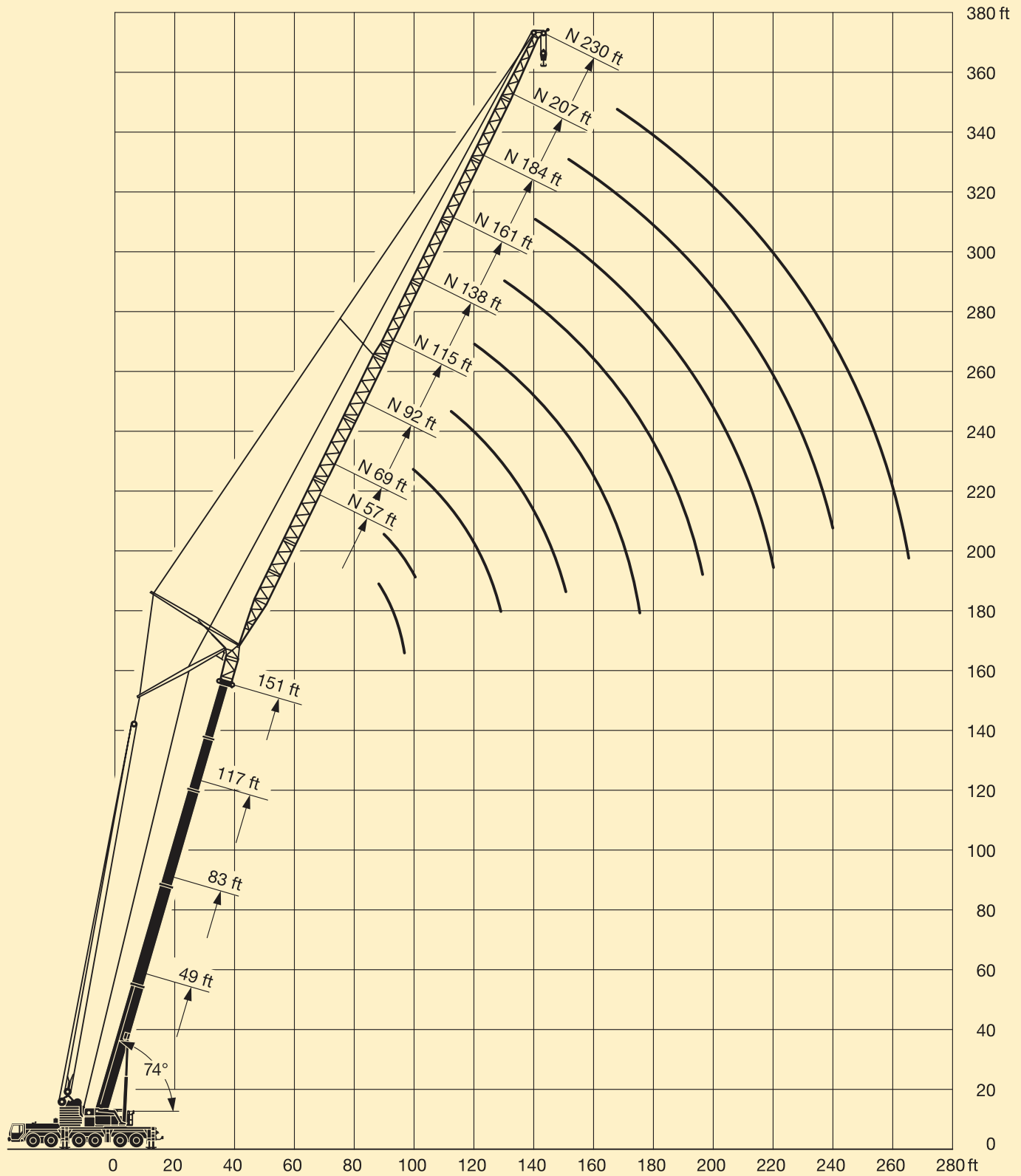


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Lifting heights.

Luffing lattice jib.

LTM 13001



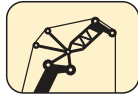
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Lifting capacities on the luffing lattice jib.

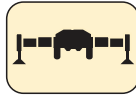
LTM 13001



66°
49 ft – 185 ft



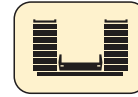
57 ft – 230 ft



29' x 27'11"



360°



192500 lbs

85%

ft	49 ft + 13 ft*									83 ft + 13 ft*						ft
	57ft	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft	
60	110															60
65	101															65
70	94	93.5														70
75	87.5	87														75
80		81.5	80.5							73.5						80
85		76.5	75.5							68.5						85
90			71							64.5	63.5					90
95			66.5	65.5							59.9					95
100			62.5	61.5								55.1				100
105			59.2	58.2	57.1							51.9				105
110			56.2	55.2	54.2							49.2				110
115				52.3	51.4							46.6	45.5			115
120				49.7	48.8	45.6						44.3	43.2			120
125				47.3	46.4	44.8							41.1	39.7		125
130				45.2	44.3	43.1							39.1	37.8		130
135					42.3	41.2	36.3						37.3	36		135
140					40.4	39.3	35.8						35.6	34.4	33.5	140
145					38.6	37.6	35.3	27.5						32.8	31.9	145
150					37	35.9	34.6	27.2						31.3	30.5	150
155					35.5	34.4	33.3	27.1						30	29.1	155
160						33	31.9	27	17.9					28.8	27.9	160
165						31.7	30.6	27	17.7					27.6	26.7	165
170						30.5	29.3	26.9	17.6					26.5	25.6	170
175						29.3	28.1	26.7	17.6						24.5	175
180							27	25.9	17.5						23.6	180
185							26	24.9	17.4						22.6	185
190							25	23.9	17.4						21.8	190
195							24.1	23	17.3							195
200							23.2	22.1	17.1							200
205								21.3	16.8							205
210								20.4	16.3							210
215								19.7	15.7							215
220								19	15.2							220
225									14.6							225
230									14.1							230
235									13.7							235
240									13.4							240
245									13.1							245
I	0									46						I
II	0									46						II
III	0									0						III
IV	0									0						IV

* adapter / pièce d'adaptateur

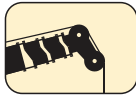
TAB 122380.1/2



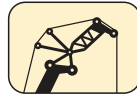
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Lifting capacities on the luffing lattice jib.

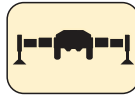
LTM 1300'1



66°
49 ft – 185 ft



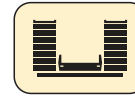
57 ft – 230 ft



29' x 27'11"

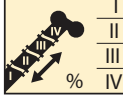


360°



192500 lbs

85%

 ft	83 ft + 13 ft*			117 ft + 13 ft*									151 ft + 13 ft*									185 ft + 13 ft*				 ft
	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	57ft	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	69ft	92ft	115ft	138ft	
95				53.1																						95
100				50	49																					100
105					46.3																					105
110					43.8																					110
115					41.5	40.1							31.8													115
120						38								29.6												120
125						36	34.9							28.3												125
130						34.3	33.1							27.2												130
135						32.7	31.5								24.1											135
140							30	28.6							23.2							15				140
145							28.7	27.2							22.4	20.5										145
150							27.4	26							21.6	19.7										150
155	27.5						26.2	24.8	23.4							18.9							11			155
160	26.3						25.1	23.6	22.3							18.2	16.6						10.5			160
165	25.1	22						22.6	21.2	19.7						17.5	15.9							8.2		165
170	24	22						21.6	20.2	18.8						16.9	15.2							7.8		170
175	23	21.8						20.7	19.3	17.9						16.6	14.6	12.9						7.5		175
180	22	21.1	15.2					19.8	18.4	17	14.6						14.1	12.3						7.2	5.9	180
185	21	20.1	15.2						17.6	16.2	14.5						13.6	11.8	9.6					7	5.6	185
190	20.2	19.3	15.1						16.8	15.4	13.8						13.1	11.2	9.3					6.7	5.4	190
195	19.3	18.4	15.1						16.1	14.6	13	10.4					12.8	10.8	8.9						5.2	195
200	18.5	17.6	15.1						15.4	13.9	12.2	10.2						10.3	8.5	6.5					4.9	200
205	17.8	16.8	15						14.8	13.2	11.5	9.8						9.9	8.1	6.5					4.7	205
210	17.1	16.1	14.7							12.5	10.8	9.4						9.5	7.8	6.5						210
215	16.5	15.4	14							11.9	10.2	8.9						9.3	7.5	6.3						215
220		14.8	13.3							11.3	9.7	8.5						9.1	7.3	6	3.8					220
225		14.1	12.7							10.7	9.4	8.2							7	5.8	3.8					225
230		13.5	12.1								9	7.8							6.8	5.5	3.8					230
235		13	11.5								8.7	7.5							6.6	5.3	3.8					235
240			10.9								8.4	7.2							6.6	5.1	3.8					240
245			10.4								8.1	6.9								4.9	3.6					245
250			9.9								7.8	6.6								4.7	3.5					250
255			9.6								7.5	6.3								4.6	3.3					255
260			9.3									6								4.5	3.1					260
265												5.8								4.3	2.9					265
270												5.6									2.8					270
275												5.4									2.7					275
280																					2.5					280
 %	I	46						92								92							92			I
	II	46						46								92							92			II
	III	0						46								46							92			III
	IV	0						0								46							92			IV

* adapter / pièce d'adaptateur

TAB 122380.3/4/5

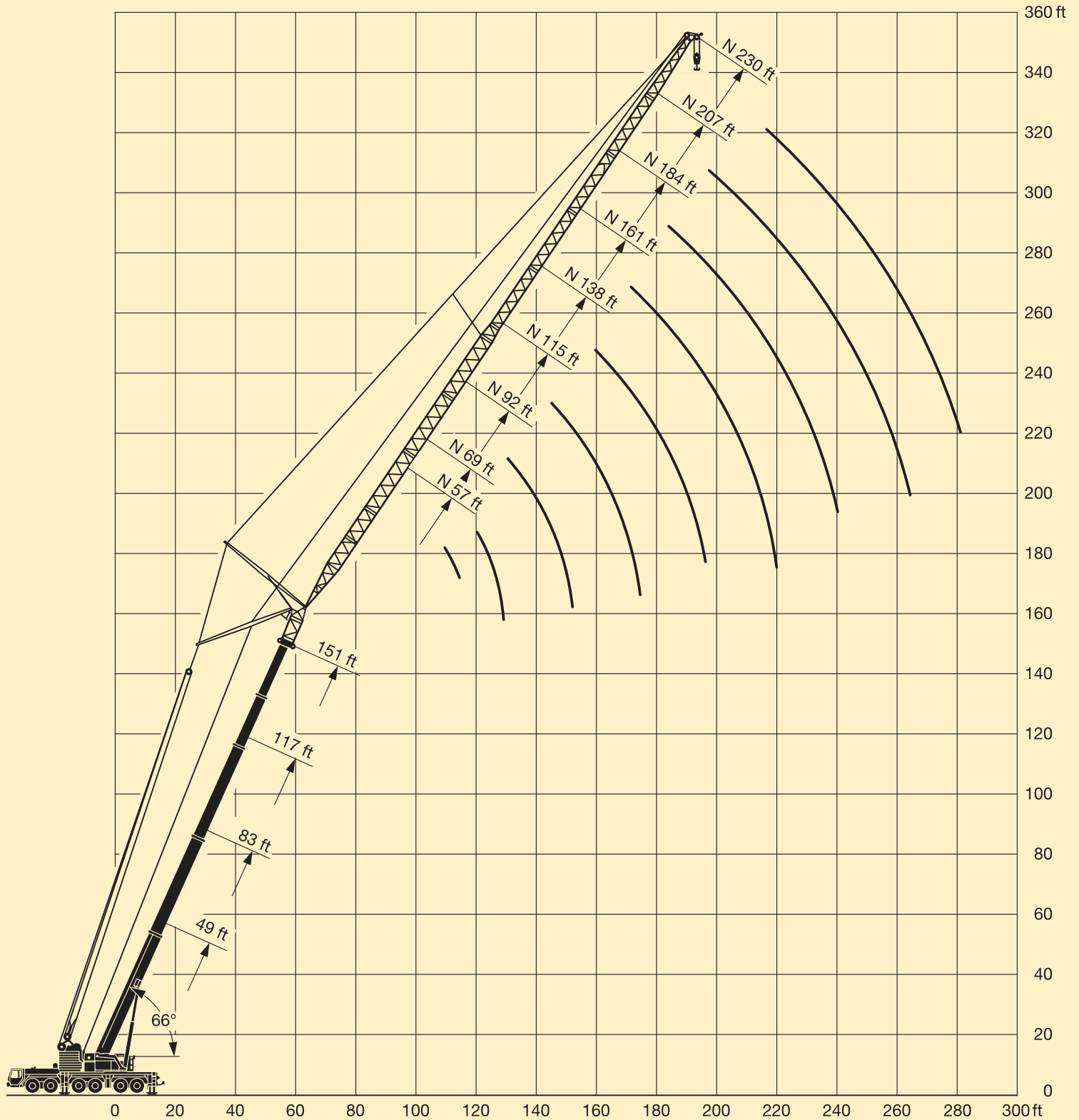


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Lifting heights.

Luffing lattice jib.

LTM 13001



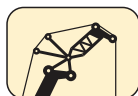
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Lifting capacities on the luffing lattice fly jib with guyed telescopic boom.

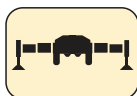
LTM 13001



66°
117 ft – 185 ft



69 ft – 230 ft



29' x 27'11"



360°



247500 lbs

85%

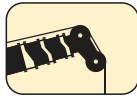
ft	117 ft + 13 ft*								151 ft + 13 ft*			ft
	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	69ft	92ft	115ft	
100	57.1											100
105	54											105
110	51.3											110
115	48.8	47.1							39.2			115
120		44.8							39.2			120
125		42.6	41.5						39.1	30.8		125
130		40.7	39.5						37.7	30.7		130
135		38.9	37.7							30.6		135
140			36.1	34						30.6	24.1	140
145			34.5	33.1						30.5	24	145
150			33.1	31.7						29.9	23.9	150
155			31.7	30.3	25.8						23.9	155
160			30.5	29.1	25.8						23.9	160
165				27.9	25.8	19.8					23.9	165
170				26.8	25.4	19.8					23.9	170
175				25.8	24.5	19.8					23.3	175
180				24.8	23.5	19.8	14.6					180
185					22.6	19.8	14.6					185
190					21.7	19.8	14.6					190
195					20.9	19.3	14.6	10.2				195
200					20.1	18.7	14.6	10.2				200
205					19.3	17.9	14.6	10.2				205
210						17.2	14.6	10.2				210
215						16.5	14.6	10.2				215
220						15.8	14.3	10.2				220
225						15.2	13.7	10.2				225
230							13.1	10.2				230
235							12.5	10.2				235
240							12	10				240
245							11.4	9.8				245
250							10.9	9.4				250
255							10.5	9.1				255
260								8.8				260
265								8.5				265
270								8.2				270
275								8				275
I	92								92			I
II	46								92			II
III	46								46			III
IV	0								46			IV

* adapter / pièce d'adaptateur

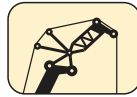
TAB 122383.1

Lifting capacities on the luffing lattice fly jib with guyed telescopic boom.

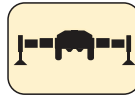
LTM 13001



66°
117 ft – 185 ft



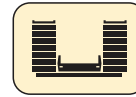
69 ft – 230 ft



29' x 27'11"



360°



247500 lbs

85%

ft	151 ft + 13 ft*					185 ft + 13 ft*						ft
	138ft	161ft	184ft	207ft	230ft	69ft	92ft	115ft	138ft	161ft	184ft	
135						21.2						135
140						21.1						140
145							16.3					145
150							16.2					150
155	18.5						16.1					155
160	18.5						16	11.9				160
165	18.5							11.9				165
170	18.5							11.9				170
175	18.5	13.7						11.9	8.5			175
180	18.5	13.7						11.9	8.5			180
185	18.5	13.7	9.4					11.9	8.5			185
190	18.5	13.7	9.4					11.9	8.5			190
195	18.3	13.7	9.4						8.5	6.1		195
200		13.7	9.4	6.2					8.5	6.1		200
205		13.7	9.4	6.2					8.5	6.1	3.7	205
210		13.7	9.4	6.2	3.5					6.1	3.7	210
215		13.7	9.4	6.2	3.5					6.1	3.7	215
220		13.6	9.4	6.2	3.5					6.1	3.7	220
225			9.4	6.2	3.5					6.1	3.7	225
230			9.4	6.2	3.5					6.1	3.7	230
235			9.4	6.2	3.5					6.1	3.7	235
240			9.4	6.2	3.5						3.7	240
245				6.2	3.5						3.7	245
250				6.2	3.5						3.7	250
255				6.2	3.5						3.7	255
260				6.2	3.5							260
265				6.2	3.5							265
270					3.5							270
275					3.5							275
280					3.5							280
285					3.5							285
I	92					92						I
II	92					92						II
III	46					92						III
IV	46					92						IV

* adapter / pièce d'adaptateur

TAB 122383.2

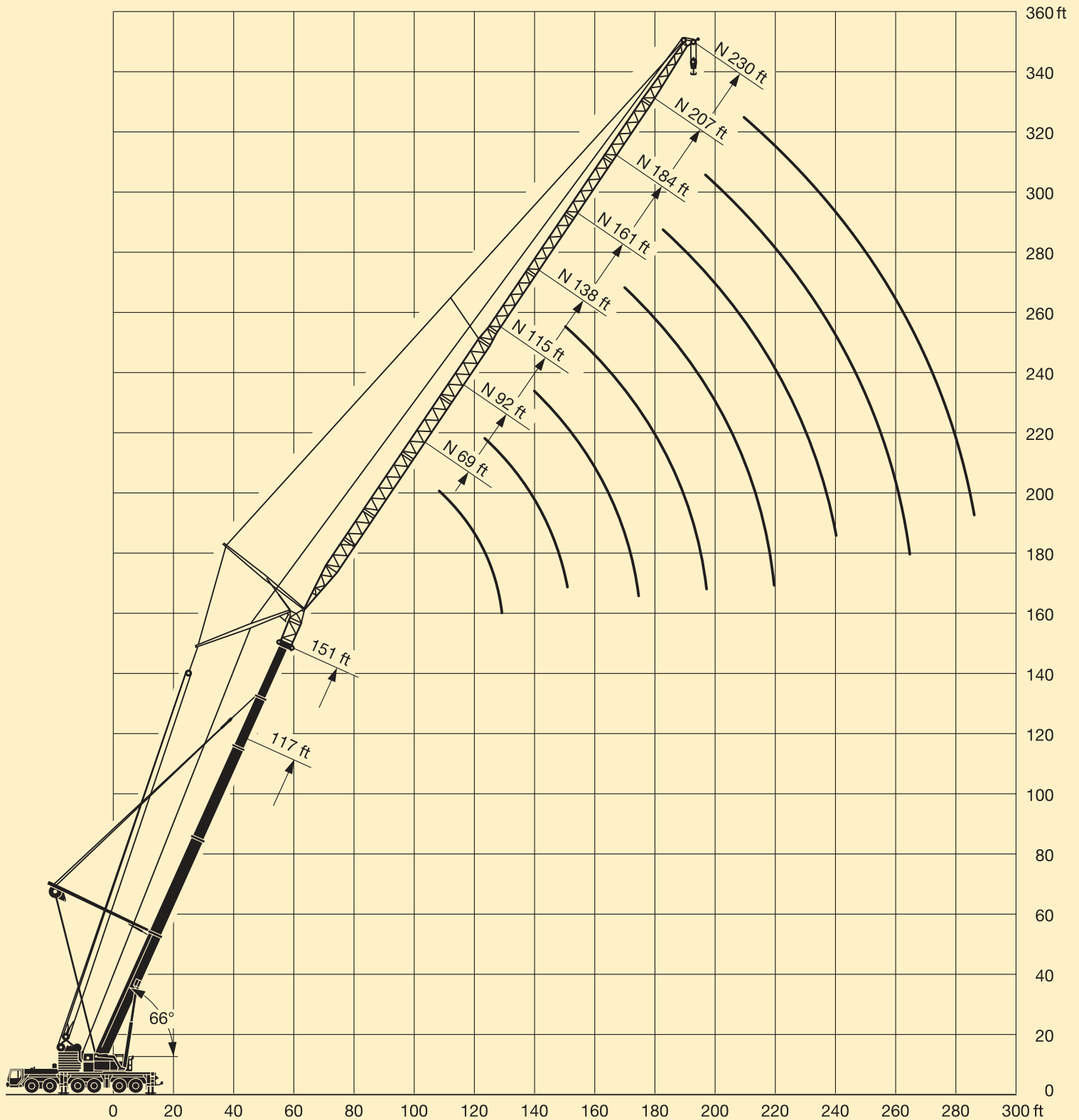


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Lifting heights.

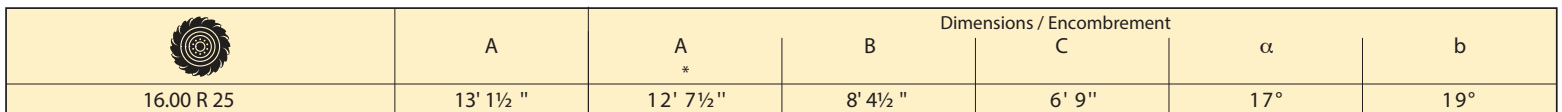
Luffing lattice jib with guyed telescopic boom.

LTM 1300¹



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LTM 1300/1



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Weights.

LTM 13001



Axle Essieu	1	2	3	4	5	6	Total weight Poids total
lbs	26500	26500	26500	26500	26500	26500	159000



Load (kips) Forces de levage (kips)	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
473	12	24	5280
387	9	18	3960
314	7	14	3740
238	5	10	3190
156	3	6	2200
70	1	3	1850
23	–	1	1100

Working speeds.



	1	2	3	4	5	R	 %
 mph	9.3	15	23	34	47	8.7	–
 mph	5	8.7	13.7	20	27.5	4.7	39 %
	16.00 R 25						



Drive Mécanismes	infinitely variable en continu	Rope diameter / Rope length Diamètre du câble / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 460 ft/min single line ft/min au brin simple	$1\frac{1}{2}$ " / 1476'	23600 lbs
	0 – 460 ft/min single line ft/min au brin simple	$1\frac{1}{2}$ " / 1476'	23600 lbs
	0 – 460 ft/min single line ft/min au brin simple	$1\frac{1}{2}$ " / 2100'	23600 lbs
	0 – 1.5 rpm		
	approx. 70 seconds to reach 82° boom angle env. 70 s jusqu'à 82°		
	approx. 500 seconds for boom extension from 49 ft – 197 ft env. 500 s pour passer de 49 ft – 197 ft		



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Crane carrier.

LTM 13001

Frame:	Liebherr designed and manufactured, box-type, torsion resistant design of high-tensile fine grained structural steel.
Outriggers:	Four hydraulically extendable sliding beams with hydraulic jacks and supporting pads. The front outrigger casing is mounted between axles 2 and 3 and the rear casing is located at the rear of the carrier. Supporting basis: 29' longitudinally x 27'11" transversally.
Engine:	8-cylinder Diesel engine, make Liebherr, type D 9408 TI-E, watercooled, output acc. to DIN 440 kW (598 HP) at 1900 rpm acc. to ECE-R 24.03 and 2001 (Euro 3) 327169 torque 1915 lbs/ft at 1400 rpm. Fuel tank: 158 gallons.
Transmission:	Automatic transmission, make Allison, type CLBT 755, with torque converter and hydrodynamic brake, 5 forward speeds, 1 reverse. Transfer case with transfer differential and off-road ratio.
Axles:	Heavy-duty vehicle axles. All axles suspended. Axles 1 to 3 and 5 and 6 steered. Axles 1, 5 and 6 are planetary axles, intermediate differential at axle 5, all driven axles with transverse differential.
Cardan shaft:	All cardan shafts with 70° diagonal toothing.
Suspension:	All axles with hydropneumatic suspension and automatic levelling system. Load equalization between the axle pairs 1 + 2, 3 + 4 and 5 + 6. The suspension can be locked hydraulically.
Tyre equipment:	12 tyres, all axles equipped with single tyres. Size of tyres: 16.00 R 25.
Steering:	ZF semi-integral power steering, dual circuit system with hydraulic servo-system and additional backing pump driven by an axle.
Brakes:	Service brake: All-wheel servo-air brake, dual circuit system. Additional brakes: Retarder, TELMA-type eddy current brake (optional). Hand brake: Spring-loaded, acting on all wheels of axles 2 to 6.
Driving cab:	Spacious sheet steel cab mounted on rubber shock absorbers, safety glass windows, operating and control elements.
Electrical system:	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each, lighting according to traffic regulations.

Crane superstructure.

Frame:	Liebherr-made torsion resistant, welded construction of high-tensile structural steel, linked to carrier by a three-row roller slewing rim for 360° continuous rotation.
Crane engine:	4-cylinder Diesel engine, make Liebherr, type D 924 TI-E, watercooled, output acc. to DIN 180 kW (245 HP) at 1800 rpm, max. torque 770 lbs/ft at 1100 rpm. Fuel tank capacity: 79 gallons.
Crane drive:	Diesel-hydraulic, with 3 axial piston variable displacement pumps, with servo-control and capacity control.
Crane control:	Two self-centering control levers (joy-sticks). Pedal switches for telescoping. Infinitely variable crane motions through displacement control of the hydraulic pumps. Additional working speed control by variation of the Diesel engine speed.
Hoist gear:	Axial piston variable displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear:	2 differential hydraulic rams with nonreturn valve.
Slewing gear:	Hydraulic motor, planetary gear, slewing pinion and spring-loaded static brake.
Crane cab:	Aluminium design with safety glass, operating and control elements. Cab tiltable backwards. The cab will be pivoted to the rear for road transport.
Safety devices:	LICCON safe load indicator, test system, hoist limit switches, safety valves against rupture of pipes and hoses.
Counterweight:	192500 lbs counterweight comprising 1 basic slab of 27500 lbs and 6 slabs of 27500 lbs each.
Telescopic boom:	1 base section and 4 telescopic sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system TELEMATIK. Boom length 49 ft to 197 ft.
Electric system:	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Complementary equipment.

Guying system for telescopic boom:	Consisting of guying frame with rope winch, tiltable in transport condition.
Additional ballast:	2 additional counterweight slabs of 27500 lbs each for a total counterweight of 247500 lbs, required for the operation with guyed telescopic boom.
Folding jibs:	Single folding jib, 40 ft long, for mounting on telescopic boom at 0°, 20° or 40°. Double folding jib, 40 ft to 69 ft long, for mounting on telescopic boom at 0°, 20° or 40°.
Lattice jibs:	Fixed lattice jib 46 ft to 161 ft long, luffing lattice jib 57 ft to 230 ft long.
2nd hoist gear:	For 2-hook operation or luffing of lattice jib.
Drive 12 x 8:	Axle 2 additionally driven.

Further equipment available on request.



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