

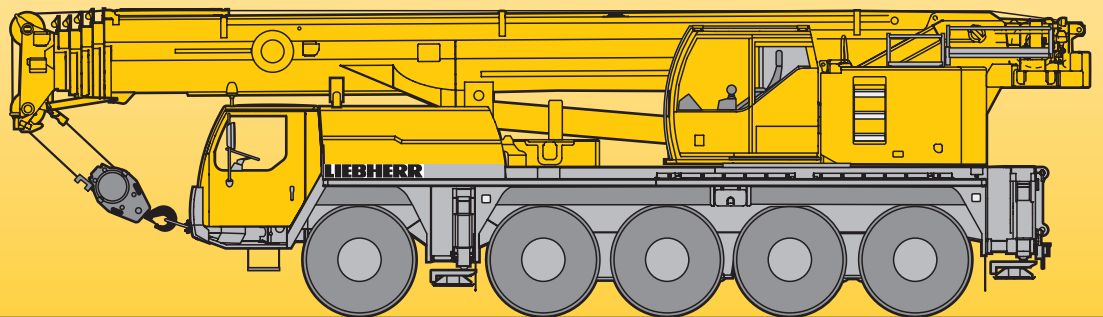
Mobile Crane

LTM 1095-5.1

Technical Data



53-20 44th Street
Maspeth, Queens, NY 11378
(718) 784-1776



LIEBHERR

Lifting capacities on telescopic boom

41 – 190 ft 23.9 x 23 ft 360° 50700 lbs 85%														
 ft	41 ft		54 ft	68 ft	82 ft	96 ft	110 ft	123 ft	137 ft	151 ft	165 ft	178 ft	190 ft	 ft
	*													
9	230	181	140											9
10	224	179	140	129										10
12	158	158	139	129	107									12
14	149	147	134	125	107	84								14
16	141	134	126	118	107	84	73							16
18	130	122	119	111	103	84	72	49.4						18
20	118	110	111	105	98.5	84	71	49.4	44.1					20
23	99.5	96	97.5	97	90.5	84	69	49.4	44.1					23
26	85.5	83	85	84	83	80	66.5	49.4	42.5	33.2				26
29	75	73	74.5	74	74.5	70.5	63	48	40.6	32.7	25			29
32	66	65	66.5	65.5	66.5	62.5	59.8	45.5	38.5	31.6	24.7	19.4		32
35			59.3	59.5	59.1	55.9	54.9	42.9	36.4	30.5	24.1	19.4	15	35
38			53.4	54	53.1	51.8	49.8	40.5	34.5	29.3	23.4	19.2	15	38
44			44.2	44.8	44	44.1	41.6	36.1	31	26.8	22	18.4	14.4	44
50				38.1	38.1	37.4	35.2	32.2	28	24.4	20.5	17.5	13.6	50
56				32.9	33.2	32.2	30.2	28.6	25.4	22.2	19.1	16.4	13	56
62					28.6	28	26.1	25.7	23.1	20.3	17.7	15.3	12.4	62
68					24.9	24.4	22.9	23.2	20.6	18.7	16.5	14.3	11.8	68
74						21.3	20.7	20.6	18.2	17.2	15.4	13.4	11.2	74
80						18.7	19.2	18.3	16.6	15.7	14.2	12.6	10.6	80
86							17.2	16.3	15.2	13.9	13.2	11.9	10	86
92							15.3	14.3	14.1	12.4	12.2	11.1	9.5	92
98							13.8	12.8	13.1	11.5	11.2	10.4	8.9	98
104								11.4	11.7	10.7	9.9	9.8	8.4	104
110								10.6	10.5	9.8	9.1	9.1	7.9	110
116									9.4	9.2	8.5	8.2	7.5	116
122									8.6	8.5	8	7.4	7.1	122
128										7.7	7.4	6.6	6.5	128
134										7.1	6.7	5.9	5.8	134
140											6.1	5.3	5.2	140
146											5.5	4.7	4.6	146
152												4.1	4.1	152
158												3.6	3.6	158
164												3.1	3.1	164
170													2.6	170
176													2.2	176

* over rear

TAB 1580301 / 1580391

* over rear

TAB 1580301 / 1580391

Remarks referring to load charts

1. The tabulated lifting capacities do not exceed 85% of the tipping load.
2. The crane's structural steelwork 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.
3. The 85% overturning limit values take into account wind force 5 = wind speed 20 mph.
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centreline.
7. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
8. Lifting capacities are subject to modifications.
9. Lifting capacities above 139 kips / 190 kips only with additional pulley block / special equipment.

Lifting capacities on telescopic boom

41 – 190 ft 23.9 x 23 ft 360° 33100 lbs 85%													
ft	41 ft	54 ft	68 ft	82 ft	96 ft	110 ft	123 ft	137 ft	151 ft	165 ft	178 ft	190 ft	ft
9	183	140											9
10	181	140	129										10
12	158	139	129	107									12
14	145	134	125	107	84								14
16	130	126	118	107	84	73							16
18	117	116	111	103	84	72	49.4						18
20	105	106	104	97.5	83.5	71	49.4	44.1					20
23	88.5	90.5	86.5	83.5	77.5	69	49.4	44.1					23
26	76.5	78	75.5	71.5	66.5	64.5	49.4	42.5	33.2				26
29	66.5	68	65.5	62	60.5	57	48	40.6	32.7	25			29
32	58.5	59.6	57.2	54.8	53.8	50.4	45.5	38.5	31.6	24.7	19.4		32
35		52.7	50.7	49.9	47.9	44.8	41.8	36.4	30.5	24.1	19.4	15	35
38		47.1	46.2	45.1	42.9	40.1	38.3	34.5	29.3	23.4	19.2	15	38
44		37.9	38.4	37	35.2	33.2	32.7	29.5	26.8	22	18.4	14.4	44
50			31.8	30.9	29.4	28.5	27.8	25.5	23.9	20.5	17.5	13.6	50
56			26.5	26.2	24.9	25	23.6	22.1	20.6	19.1	16.4	13	56
62				22.4	21.4	21.9	20.3	19.6	18	17.3	15.3	12.4	62
68				19.1	18.5	19	17.7	17.7	16.3	15.3	14.3	11.8	68
74					16	16.5	15.9	15.5	14.5	13.5	13.3	11.2	74
80					13.8	14.3	14.6	13.7	13.1	12.6	11.8	10.6	80
86						12.6	13	12.1	12	11.4	10.3	10	86
92						11.3	11.4	10.9	10.5	10	9.1	8.9	92
98						10.4	10.1	10	9.3	8.8	7.9	7.8	98
104							9	8.9	8.2	7.7	6.9	6.8	104
110							8.2	8	7.3	6.8	6	5.9	110
116								7.2	6.5	6	5.3	5.1	116
122								6.5	5.8	5.3	4.6	4.4	122
128									5.2	4.7	3.9	3.8	128
134									4.5	4.1	3.3	3.2	134
140										3.5	2.8	2.7	140
146										3			146

TAB 1580394

Lifting capacities on telescopic boom

41 – 190 ft 23.9 x 23 ft 360° 30000 lbs 85%													
ft	41 ft	54 ft	68 ft	82 ft	96 ft	110 ft	123 ft	137 ft	151 ft	165 ft	178 ft	190 ft	ft
9	183	140											9
10	181	140	129										10
12	158	139	129	107									12
14	144	134	125	107	84								14
16	129	126	118	107	84	73							16
18	116	116	110	102	84	72	49.4						18
20	103	105	102	94.5	83.5	71	49.4	44.1					20
23	87	89	83.5	80.5	75	69	49.4	44.1					23
26	75	76.5	72.5	68.5	66.5	62.5	49.4	42.5	33.2				26
29	65	65.5	63	59.4	58.5	54.8	48	40.6	32.7	25			29
32	57.2	57.2	55	53.8	51.6	48.2	44.6	38.5	31.6	24.7	19.4		32
35		50.4	49.6	48.2	45.7	42.7	40.5	36.4	30.5	24.1	19.4	15	35
38		45.3	44.7	43	40.9	38.1	36.6	33.9	29.3	23.4	19.2	15	38
44		36.2	36.6	35.2	33.5	31.6	31.1	28.5	26.7	22	18.4	14.4	44
50			30.2	29.4	27.9	27.5	26.3	24.3	23	20.5	17.5	13.6	50
56			25.2	24.9	23.6	24	22.3	21.5	19.8	18.8	16.4	13	56
62				21.2	20.3	20.7	19.3	19.1	17.6	16.6	15.3	12.4	62
68				18.2	17.5	18	17.2	16.7	15.7	14.6	14.2	11.8	68
74					15	15.6	15.6	14.6	14	13.4	12.7	11.2	74
80					13	13.5	13.9	12.9	12.7	12.1	11	10.5	80
86						12.2	12.2	11.6	11.2	10.6	9.6	9.4	86
92						11.2	10.6	10.6	9.8	9.2	8.3	8.2	92
98						10	9.4	9.3	8.6	8.1	7.2	7.1	98
104							8.5	8.3	7.6	7.1	6.3	6.2	104
110							7.6	7.4	6.7	6.3	5.4	5.3	110
116								6.6	6	5.5	4.7	4.6	116
122								5.9	5.3	4.8	4	3.9	122
128									4.7	4.2	3.4	3.3	128
134									4	3.6	2.8	2.7	134
140										3			140
146										2.5			146

TAB 1580395

Lifting capacities on telescopic boom

41 – 190 ft 23.9 x 16.4 ft 360° 50700 lbs 85%													
ft	41 ft	54 ft	68 ft	82 ft	96 ft	110 ft	123 ft	137 ft	151 ft	165 ft	178 ft	190 ft	ft
9	153	139											9
10	152	139	129										10
12	134	134	128	107									12
14	120	121	120	106	84								14
16	109	109	107	98.5	83.5	66.5							16
18	98	99	93.5	87.5	78	65.5	49.3						18
20	87.5	89.5	81.5	77.5	72	64	49.3	40.1					20
23	73.5	74.5	70	65.5	63.5	59	48.5	40.1					23
26	62.5	63.5	60	57.4	55.4	51.4	46.3	38.7	30.2				26
29	52.5	54.4	52.6	51.4	48.7	45.4	42.2	36.9	29.7	22.7			29
32	44.6	47.2	47.5	45.8	43.3	40.4	38.5	35	28.8	22.4	17.6		32
35		41.1	42.3	41	38.9	36.2	34.8	32.3	27.7	21.9	17.6	13.7	35
38		36.1	37.4	37	35.1	32.9	32	29.3	26.7	21.3	17.5	13.7	38
44		28.8	30	30.2	29.2	28.3	27.3	25.2	23.5	20	16.7	13.1	44
50			24.5	24.8	24.4	24.6	23.1	21.6	20	18.7	15.9	12.4	50
56			20.5	20.7	20.6	21.2	19.8	19.1	17.7	16.8	14.9	11.8	56
62				17.8	17.5	18.2	17.3	17.1	15.8	14.8	13.9	11.3	62
68				15.8	15	15.6	15.6	14.9	14	13.2	12.7	10.7	68
74					12.9	13.6	14	13.1	12.7	12.2	11.2	10.2	74
80					11.2	12	12.3	11.6	11.4	10.8	9.7	9.5	80
86						11.1	10.8	10.5	10	9.5	8.5	8.3	86
92						9.9	9.5	9.4	8.8	8.3	7.4	7.2	92
98						8.8	8.4	8.4	7.8	7.3	6.4	6.2	98
104							7.5	7.4	6.9	6.4	5.5	5.4	104
110							6.7	6.6	6.1	5.6	4.8	4.6	110
116								5.8	5.3	4.9	4.1	3.9	116
122								5.1	4.6	4.2	3.4	3.3	122
128									4	3.6	2.9	2.8	128
134									3.4	3			134
140										2.5			140
146										2.1			146

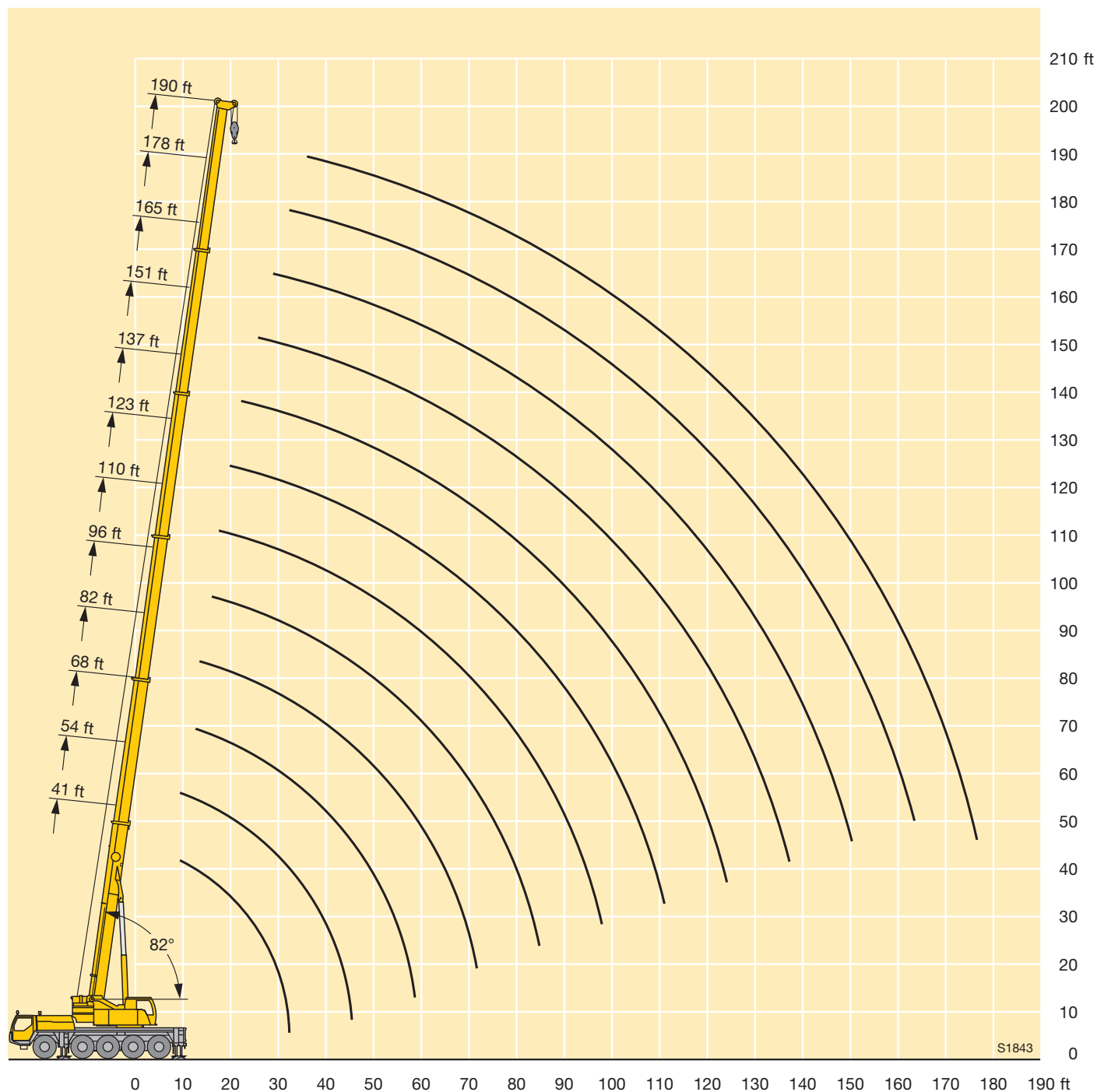
TAB 1580221

Lifting capacities on telescopic boom

41 – 190 ft 23.9 x 16.4 ft 360° 30000 lbs 85%													
ft	41 ft	54 ft	68 ft	82 ft	96 ft	110 ft	123 ft	137 ft	151 ft	165 ft	178 ft	190 ft	ft
9	150	139											9
10	148	139	121										10
12	131	130	116	96									12
14	117	109	98.5	89.5	75.5								14
16	98.5	91.5	84	77.5	71.5	64							16
18	84	78.5	73.5	68.5	64	58.3	48.2						18
20	71	67.5	65	60.5	56.3	51.6	47.6	38.3					20
23	57.6	56.5	54.2	51.1	47.7	44.3	41.5	38.2					23
26	46.8	47.9	46.4	44	41.2	38.4	37.3	34.3	30.2				26
29	38.6	41.3	40.3	38.4	36.1	35.3	33	30.5	28	22.7			29
32	32.5	35.2	35.4	33.8	32	31.6	29.3	27.3	25.3	22.4	17.6		32
35		30.3	31.3	30	28.6	28.3	26.4	25.3	23.5	21.6	17.6	13.7	35
38		26.4	27.7	26.9	25.6	25.5	24.2	23.2	21.6	19.9	17.5	13.7	38
44		20.7	22	22.6	20.9	21.2	20.6	19.2	18.5	17.4	15.9	13.1	44
50			17.7	18.8	17.5	18.3	17.5	16.7	15.8	14.9	13.6	12.4	50
56			14.5	15.6	15.3	15.9	14.9	14.5	13.4	12.5	11.3	11	56
62				13.1	13.3	13.5	12.8	12.4	11.4	10.6	9.5	9.2	62
68				11.1	11.3	11.4	11	10.7	9.7	9	7.9	7.7	68
74					9.6	9.7	9.4	9.2	8.3	7.6	6.6	6.4	74
80					8.2	8.4	8.1	7.9	7.1	6.4	5.4	5.3	80
86						7.3	7	6.8	6.1	5.4	4.4	4.3	86
92						6.2	6	5.9	5.1	4.5			92
98						5.4	5.1	5	4.3	3.7			98
104							4.3	4.2	3.6	3			104
110							3.6	3.5	3				110
116								2.9					116
122								2.4					122

TAB 1580225

Lifting heights



Lifting capacities on the hydraulically variable folding jib

41 – 190 ft 34 ft 23.9 x 23 ft 360° 50700 lbs 85%																
 ft	41 ft			96 ft			110 ft			123 ft			137 ft			 ft
	34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	25.1			25.1												12
14	25.1	22.1		25.1												14
17	25.1	21.9		25.1			25.1									17
20	25	21.3	16.4	25.1			25.1			24.3						20
23	23.9	20.2	16.4	25.1			25.1			24.3						23
26	22.4	19.3	16.2	25.1			25.1			24.3			20.6			26
29	20.8	18.4	15.7	25.1	22.1		25.1			24.3			20.6			29
32	19.4	17.6	15.3	25.1	21.5		25.1	21.1		24.3			20.6			32
35	18.1	16.7	14.9	25.1	20.9	16.4	25.1	20.8		24	19.9		20.6			35
38	16.9	15.8	14.6	25.1	20.3	16.2	25.1	20.3	16	23.6	19.7		20.5	18.2		38
44	15	14.1	13.6	24.2	19.3	15.7	24.2	19.4	15.7	22.7	18.9	15.3	20.2	17.9	14.8	44
50	13.4	12.8	12.5	22.6	18.3	15.2	22.9	18.5	15.2	21.7	18.2	15	19.7	17.3	14.6	50
56	12.1	11.7	11.6	20.8	17.4	14.8	21.5	17.6	14.8	20.8	17.4	14.7	18.9	16.8	14.4	56
62	10.9	10.8		19.1	16.4	14.5	20.1	16.8	14.5	19.8	16.7	14.4	17.8	16.3	14.1	62
68				17.6	15.4	14	18.7	16	14.2	18.8	16	14.1	16.5	15.6	13.9	68
74				16.4	14.4	13.4	17.4	15.1	13.8	17.6	15.3	13.8	15.1	14.8	13.6	74
80				15.2	13.6	12.8	16.2	14.3	13.3	15.9	14.5	13.4	13.9	13.8	13.2	80
86				14.3	12.9	12.3	15.2	13.6	12.8	14.2	13.8	12.9	12.9	12.8	12.6	86
92				13.3	12.2	11.8	13.9	12.9	12.3	13.1	13.2	12.4	11.8	11.9	12	92
98				12.6	11.7	11.4	12.5	12.4	11.9	11.7	12.3	12.1	10.5	11	11.2	98
104				11.9	11.2	11.2	11.1	11.5	11.5	10.5	11.1	11.4	9.3	10	10.3	104
110				10.8	10.8		9.9	10.3	10.4	9.3	9.8	10.1	8.3	8.8	9.3	110
116				9.8	10		8.9	9.2	8.8	8.3	8.7	9	7.7	7.9	8.2	116
122							8.1	8.3		7.4	7.8	8	7.2	7.3	7.4	122
128							7.2	7.4		6.6	6.9	7.1	6.5	6.8	6.9	128
134										5.8	6.1		5.7	6.1	6.2	134
140										5	5.3		4.9	5.3	5.4	140
146													4.3	4.6		146
152													3.7	3.9		152

TAB 1580321 / 1580331 / 1580341

TAB 1580321 / 1580331 / 1580341

Lifting capacities on the hydraulically variable folding jib

41 – 190 ft 34 ft 23.9 x 23 ft 360° 50700 lbs 85%													
 ft	151 ft			165 ft			178 ft			190 ft			 ft
	34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
29	17												29
32	17			12.4									32
35	17			12.4			9.7						35
38	17			12.4			9.7			7.8			38
44	17	16.3		12.4	12.4		9.7			7.8			44
50	16.6	15.8	13.8	12.3	12		9.6	9.5		7.8	7.8		50
56	15.8	15.1	13.7	12	11.5	10.9	9.4	9.3	8.7	7.8	7.8		56
62	14.8	14.2	13.4	11.5	10.9	10.6	9.1	8.9	8.6	7.8	7.7	7.5	62
68	13.8	13.3	12.9	10.9	10.4	10	8.7	8.5	8.4	7.7	7.5	7.5	68
74	12.9	12.4	12.2	10.3	9.8	9.5	8.4	8.1	8.1	7.5	7.3	7.3	74
80	12	11.6	11.4	9.6	9.3	9.1	8	7.8	7.7	7.2	7	7	80
86	11.2	10.9	10.7	9.1	8.8	8.6	7.6	7.4	7.4	6.9	6.7	6.7	86
92	10.3	10.2	10.1	8.5	8.3	8.3	7.3	7.1	7.1	6.5	6.5	6.5	92
98	9.5	9.5	9.5	8	7.9	7.9	6.9	6.8	6.8	6.2	6.2	6.2	98
104	8.8	8.8	8.9	7.6	7.5	7.6	6.6	6.5	6.5	5.9	5.9	5.9	104
110	7.9	8.2	8.3	7.2	7.1	7.2	6.3	6.2	6.2	5.7	5.7	5.7	110
116	7	7.6	7.8	6.8	6.8	6.8	6	5.9	6	5.4	5.4	5.5	116
122	6.4	6.7	7.1	6.3	6.4	6.5	5.7	5.7	5.7	5.1	5.2	5.2	122
128	6	6.1	6.3	5.6	6	6.2	5.4	5.4	5.5	4.9	4.9	5	128
134	5.6	5.7	5.7	5.1	5.4	5.7	5.1	5.2	5.3	4.6	4.7	4.8	134
140	5.1	5.3	5.4	4.8	4.9	5.1	4.5	4.9	5	4.3	4.4	4.5	140
146	4.4	4.8	5	4.5	4.6	4.6	4	4.4	4.6	3.7	4.1	4.3	146
152	3.9	4.2	4.3	4.2	4.3	4.4	3.4	3.8	4	3.2	3.6	3.9	152
158	3.7	3.8		3.7	4	4.1	2.9	3.3	3.5	2.7	3.1	3.3	158
164	3.5	3.6		3.2	3.4	3.5	2.4	2.8	2.9	2.3	2.6	2.8	164
170	3.2	3.3		2.7	2.9		1.9	2.3	2.4	1.9	2.2	2.3	170
176				2.3	2.4				1.9			1.9	176
182				1.9	2								182

TAB 1580321 / 1580331 / 1580341

TAB 1580321 / 1580331 / 1580341

Lifting capacities on the hydraulically variable folding jib

     																	
 ft	41 ft			96 ft			110 ft			123 ft			137 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°		
12	9															12	
14	9															14	
17	9															17	
20	9			9												20	
23	9			9												23	
26	8.7			9			8.5									26	
29	8.5	7.3		9			8.5			7.8						29	
32	8.2	7.3		9			8.5			7.8			7.3			32	
35	8	7.3		9			8.5			7.8			7.3			35	
38	7.7	7.2		9			8.5			7.8			7.3			38	
44	7	6.9		8.5	7.3		8.5			7.8			7.3			44	
50	6.3	6.5	5.8	8.3	7.3		8.3	7		7.8	6.8		7.3			50	
56	5.7	6	5.7	8.1	7.1		8	7		7.7	6.8		7.3	6.6		56	
62	5.1	5.5	5.5	7.7	6.9	5.8	7.7	6.8	5.8	7.5	6.7		7.3	6.5		62	
68	4.6	4.9	5.2	7.3	6.6	5.8	7.4	6.6	5.8	7.2	6.5	5.6	7.1	6.4	5.6	68	
74	4.2	4.5	4.8	6.8	6.4	5.7	7	6.3	5.7	6.9	6.3	5.6	6.9	6.2	5.6	74	
80	3.9	4.1	4.3	6.3	6.1	5.6	6.6	6.1	5.6	6.5	6.1	5.5	6.6	6.1	5.5	80	
86	3.6	3.7		5.9	5.8	5.5	6.2	5.9	5.5	6.2	5.9	5.5	6.3	6	5.4	86	
92				5.6	5.4	5.4	5.8	5.6	5.4	5.8	5.6	5.4	6	5.7	5.3	92	
98				5.2	5.1	5.1	5.5	5.3	5.3	5.4	5.4	5.2	5.6	5.4	5.3	98	
104				4.9	4.8	4.8	5.2	5.1	5	5.1	5.1	5	5.3	5.2	5.1	104	
110				4.6	4.5	4.6	4.9	4.8	4.8	4.8	4.8	4.8	5	5	4.9	110	
116				4.3	4.3	4.3	4.7	4.6	4.6	4.5	4.6	4.6	4.8	4.7	4.7	116	
122				4	4	4.1	4.4	4.4	4.4	4.2	4.3	4.4	4.5	4.5	4.5	122	
128				3.8	3.8	3.9	4.2	4.2	4.2	4	4.1	4.2	4.3	4.3	4.4	128	
134				3.6	3.6		4	4	4	3.8	3.8	3.9	4	4.1	4.2	134	
140				3.4	3.5		3.8	3.8	3.9	3.5	3.6	3.7	3.8	3.9	4	140	
146							3.6	3.6		3.3	3.4	3.5	3.6	3.7	3.8	146	
152							3.5	3.5		3.1	3.2	3.3	3.5	3.5	3.6	152	
158										3	3		3.3	3.3	3.4	158	
164										2.8	2.9		3.1	3.2	3.2	164	
170										2.7	2.7		3	3	3.1	170	
176										2.5			2.9	2.9		176	
182													2.7	2.8		182	
188													2.6			188	

TAB 1580321 / 1580331 / 1580341

Lifting capacities on the hydraulically variable folding jib

41 – 190 ft 62 ft 23.9 x 23 ft 360° 50700 lbs 85%													
 ft	151 ft			165 ft			178 ft			190 ft			 ft
	62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
35	7.3												35
38	7.3			6.8									38
44	7.3			6.8			5.6						44
50	7.3			6.8			5.6			4.6			50
56	7.3	6.6		6.8			5.6			4.6			56
62	7.3	6.6		6.8	6.3		5.6			4.6			62
68	7.3	6.5		6.8	6.3		5.6	5.6		4.6	4.6		68
74	7.2	6.4	5.5	6.7	6.2	5.3	5.6	5.6		4.6	4.6		74
80	7	6.2	5.5	6.6	6	5.3	5.6	5.6	5.1	4.5	4.6		80
86	6.9	6.1	5.4	6.6	5.9	5.3	5.6	5.5	5.1	4.5	4.6	4.6	86
92	6.7	6	5.4	6.5	5.8	5.3	5.6	5.4	5.1	4.4	4.6	4.6	92
98	6.5	5.8	5.3	6.4	5.7	5.2	5.4	5.3	5	4.3	4.6	4.6	98
104	6.3	5.7	5.3	6.2	5.6	5.2	5.2	5.1	5	4.3	4.6	4.6	104
110	6	5.6	5.2	6	5.5	5.1	5	4.9	4.8	4.2	4.5	4.5	110
116	5.7	5.5	5.2	5.7	5.4	5.1	4.9	4.8	4.7	4.2	4.4	4.3	116
122	5.5	5.3	5.1	5.5	5.3	5.1	4.7	4.6	4.6	4.1	4.2	4.2	122
128	5.2	5.1	5	5.2	5.2	5.1	4.5	4.4	4.4	4	4.1	4.1	128
134	4.9	5	4.9	5	5	5	4.3	4.3	4.3	3.9	3.9	4	134
140	4.7	4.7	4.8	4.7	4.8	4.8	4.1	4.1	4.1	3.7	3.8	3.8	140
146	4.4	4.5	4.6	4.2	4.6	4.7	3.9	3.9	4	3.5	3.6	3.7	146
152	4.2	4.3	4.4	3.7	4.3	4.5	3.7	3.8	3.9	3.3	3.4	3.6	152
158	4	4.1	4.2	3.5	3.8	4.3	3.3	3.6	3.7	3	3.3	3.4	158
164	3.5	3.9	4	3.4	3.4	3.8	2.8	3.5	3.6	2.6	3.2	3.2	164
170	3.1	3.6	3.8	3.2	3.3	3.4	2.4	3	3.4	2.2	2.8	3.1	170
176	2.7	3.1	3.2	2.8	3.1	3.2	2	2.6	2.9		2.4	2.8	176
182	2.6	2.7	2.8	2.4	2.8	3		2.2	2.5		2	2.4	182
188	2.4	2.5		2	2.4	2.6		1.8	2			1.9	188
194	2.2	2.3		1.6	2	2.1							194
200	1.9												200

TAB 1580321 / 1580331 / 1580341

Lifting capacities on the hydraulically variable folding jib

41 – 190 ft 34 ft 23.9 x 23 ft 360° 30000 lbs 85%																	
 ft	41 ft			96 ft			110 ft			123 ft			137 ft			 ft	
	34 ft			34 ft			34 ft			34 ft			34 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
12	25.1															12	
14	25.1	22.1		25.1												14	
17	25.1	21.9		25.1			25.1									17	
20	25	21.3	16.4	25.1			25.1			24.3						20	
23	23.9	20.2	16.4	25.1			25.1			24.3						23	
26	22.4	19.3	16.2	25.1			25.1			24.3			20.6			26	
29	20.8	18.4	15.7	25.1	22.1		25.1			24.3			20.6			29	
32	19.4	17.6	15.3	25.1	21.5		25.1	21.1		24.3			20.6			32	
35	18.1	16.7	14.9	25.1	20.9	16.4	25.1	20.8		24	19.9		20.6			35	
38	16.9	15.8	14.6	25.1	20.3	16.2	25.1	20.3	16	23.6	19.7		20.5	18.2		38	
44	15	14.1	13.6	24.2	19.3	15.7	24.2	19.4	15.7	22.7	18.9	15.3	20.2	17.9	14.8	44	
50	13.4	12.8	12.5	22.6	18.3	15.2	22.9	18.5	15.2	21.7	18.2	15	19.7	17.3	14.6	50	
56	12.1	11.7	11.6	20.8	17.4	14.8	20.9	17.6	14.8	19.8	17.4	14.7	18.1	16.8	14.4	56	
62	10.9	10.8		19.1	16.4	14.5	18.3	16.8	14.5	17.2	16.7	14.4	15.8	16.1	14.1	62	
68				17.2	15.4	14	15.9	15.9	14.2	14.7	15.6	14.1	13.9	14.7	13.9	68	
74				15	14.4	13.4	13.8	14.6	13.8	12.7	13.8	13.7	12.3	12.8	13.3	74	
80				13.2	13.5	12.8	12	12.9	13.2	11	12	12.8	10.6	11.5	11.8	80	
86				11.7	12.3	12.2	10.5	11.3	11.9	9.5	10.4	11.1	9.2	10.1	10.7	86	
92				10.2	10.8	11.2	9.2	9.9	10.4	8.2	9	9.7	7.9	8.8	9.4	92	
98				8.9	9.4	9.6	8.1	8.7	9.1	7.1	7.8	8.4	6.9	7.6	8.2	98	
104				7.9	8.3	8.4	7.1	7.6	7.9	6.2	6.8	7.2	5.9	6.6	7.1	104	
110				7	7.3		6.1	6.6	6.8	5.6	5.9	6.2	5	5.6	6.1	110	
116				6.1	6.3		5.2	5.7	5.8	5.2	5.3	5.4	4.3	4.8	5.2	116	
122							4.5	4.8		4.9	4.9	5	3.6	4.1	4.4	122	
128							3.8	4		4.6	4.6	4.7	3	3.4	3.7	128	
134										4.3	4.4			2.8	3	134	
140										3.8	4					140	

TAB 1580325 / 1580335 / 1580345

 41 – 190 ft 34 ft 23.9 x 23 ft 360° 30000 lbs 85%																													
151 ft				165 ft			178 ft			190 ft																			
34 ft				34 ft			34 ft			34 ft																			
0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°																		
29	17											29																	
32	17			12.4								32																	
35	17			12.4			9.7					35																	
38	17			12.4			9.7			7.8		38																	
44	17	16.3		12.4	12.4		9.7			7.8		44																	
50	16.6	15.8	13.8	12.3	12		9.6	9.5		7.8	7.8	50																	
56	15.8	15.1	13.7	12	11.5	10.9	9.4	9.3	8.7	7.8	7.8	56																	
62	14.6	14.2	13.4	11.5	10.9	10.6	9.1	8.9	8.6	7.8	7.7	7.5	62																
68	13	13.3	12.9	10.9	10.4	10	8.7	8.5	8.4	7.7	7.5	7.5	68																
74	11.2	12.1	12.2	10.3	9.8	9.5	8.4	8.1	8.1	7.5	7.3	7.3	74																
80	10.1	10.6	11.3	9.5	9.3	9.1	8	7.8	7.7	7.2	7	7	80																
86	9.1	9.1	9.9	8.3	8.7	8.6	7.6	7.4	7.4	6.9	6.7	6.7	86																
92	7.9	8.6	8.5	7.3	7.9	8.3	7.3	7.1	7.1	6.5	6.5	6.5	92																
98	6.9	7.6	8	7	6.9	7.4	6.2	6.8	6.8	6	6.2	6.2	98																
104	6.4	6.6	7.1	6.2	6.5	6.6	5.3	6	6.5	5.1	5.7	5.9	104																
110	6	6.1	6.3	5.4	6	6.2	4.5	5.2	5.7	4.3	5	5.4	110																
116	5.3	5.7	5.8	4.7	5.2	5.6	3.7	4.4	4.9	3.5	4.2	4.7	116																
122	4.7	5.1	5.3	4	4.5	4.9	3.1	3.7	4.1	2.9	3.5	3.9	122																
128	4	4.5	4.7	3.4	3.8	4.2		3	3.4		2.8	3.3	128																
134	3.5	3.8	4.1	2.8	3.2	3.5			2.8			2.6	134																
140	2.9	3.3	3.5		2.7	3							140																
146	2.4	2.7	2.9										146																

TAB 1580325 / 1580335 / 1580345

Lifting capacities on the hydraulically variable folding jib

41 – 190 ft 62 ft 23.9 x 23 ft 360° 30000 lbs 85%																	
 ft	41 ft			96 ft			110 ft			123 ft			137 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°		
12	9															12	
14	9															14	
17	9															17	
20	9			9												20	
23	9			9												23	
26	8.7			9			8.5									26	
29	8.5	7.3		9			8.5			7.8						29	
32	8.2	7.3		9			8.5			7.8			7.3			32	
35	8	7.3		9			8.5			7.8			7.3			35	
38	7.7	7.2		9			8.5			7.8			7.3			38	
44	7	6.9		8.5	7.3		8.5			7.8			7.3			44	
50	6.3	6.5	5.8	8.3	7.3		8.3	7		7.8	6.8		7.3			50	
56	5.7	6	5.7	8.1	7.1		8	7		7.7	6.8		7.3	6.6		56	
62	5.1	5.5	5.5	7.7	6.9	5.8	7.7	6.8	5.8	7.5	6.7		7.3	6.5		62	
68	4.6	4.9	5.2	7.3	6.6	5.8	7.4	6.6	5.8	7.2	6.5	5.6	7.1	6.4	5.6	68	
74	4.2	4.5	4.8	6.8	6.4	5.7	7	6.3	5.7	6.9	6.3	5.6	6.9	6.2	5.6	74	
80	3.9	4.1	4.3	6.3	6.1	5.6	6.6	6.1	5.6	6.5	6.1	5.5	6.6	6.1	5.5	80	
86	3.6	3.7		5.9	5.8	5.5	6.2	5.9	5.5	6.2	5.9	5.5	6.3	6	5.4	86	
92				5.6	5.4	5.4	5.8	5.6	5.4	5.8	5.6	5.4	6	5.7	5.3	92	
98				5.2	5.1	5.1	5.5	5.3	5.3	5.4	5.4	5.2	5.6	5.4	5.3	98	
104				4.9	4.8	4.8	5.2	5.1	5	5.1	5.1	5	5.3	5.2	5.1	104	
110				4.6	4.5	4.6	4.9	4.8	4.8	4.8	4.8	4.8	5	5	4.9	110	
116				4.3	4.3	4.3	4.7	4.6	4.6	4.5	4.6	4.6	4.8	4.7	4.7	116	
122				4	4	4.1	4.4	4.4	4.4	4.2	4.3	4.4	4.5	4.5	4.5	122	
128				3.8	3.8	3.9	4.2	4.2	4.2	4	4.1	4.2	4.3	4.3	4.4	128	
134				3.6	3.6		4	4	4	3.8	3.8	3.9	4	4.1	4.2	134	
140				3.4	3.5		3.8	3.8	3.9	3.5	3.6	3.7	3.8	3.9	4	140	
146							3.6	3.6		3.3	3.4	3.5	3.6	3.7	3.8	146	
152							3.5	3.5		3.1	3.2	3.3	3.2	3.5	3.6	152	
158										3	3		2.7	3.2	3.4	158	
164										2.6	2.9		2.3	2.7	2.9	164	
170										2.3	2.5		1.9	2.2	2.3	170	
176										1.9				1.8		176	

TAB 1580325 / 1580335 / 1580345

Lifting capacities on the hydraulically variable folding jib

     85%													
 ft	151 ft			165 ft			178 ft			190 ft			 ft
	62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
35	7.3												35
38	7.3			6.8									38
44	7.3			6.8			5.6						44
50	7.3			6.8			5.6			4.6			50
56	7.3	6.6		6.8			5.6			4.6			56
62	7.3	6.6		6.8	6.3		5.6			4.6			62
68	7.3	6.5		6.8	6.3		5.6	5.6		4.6	4.6		68
74	7.2	6.4	5.5	6.7	6.2	5.3	5.6	5.6		4.6	4.6		74
80	7	6.2	5.5	6.6	6	5.3	5.6	5.6	5.1	4.5	4.6		80
86	6.9	6.1	5.4	6.6	5.9	5.3	5.6	5.5	5.1	4.5	4.6	4.6	86
92	6.7	6	5.4	6.5	5.8	5.3	5.6	5.4	5.1	4.4	4.6	4.6	92
98	6.5	5.8	5.3	6.4	5.7	5.2	5.4	5.3	5	4.3	4.6	4.6	98
104	6.3	5.7	5.3	5.5	5.6	5.2	5.2	5.1	5	4.3	4.6	4.6	104
110	5.7	5.6	5.2	5.1	5.5	5.1	4.8	4.9	4.8	4.2	4.5	4.5	110
116	5	5.5	5.2	4.9	5.1	5.1	4.1	4.8	4.7	3.8	4.4	4.3	116
122	4.6	5.1	5.1	4.3	4.7	5.1	3.5	4.5	4.6	3.2	4.2	4.2	122
128	4.3	4.6	5	3.7	4.4	4.7	2.9	3.9	4.4	2.6	3.7	4.1	128
134	3.8	4.2	4.6	3.2	4.1	4.3		3.3	4.1		3.1	3.8	134
140	3.3	3.9	4.1	2.7	3.5	4		2.7	3.4		2.5	3.3	140
146	2.9	3.5	3.8		3	3.5			2.9			2.7	146
152	2.4	3	3.5		2.5	3							152
158		2.6	2.9			2.5							158
164		2.1	2.5			2							164
170			2										170

TAB 1580325 / 1580335 / 1580345

41 – 190 ft 34 ft 23.9 x 16.4 ft 360° 50700 lbs 85%																
ft	41 ft			96 ft			110 ft			123 ft			137 ft			ft
	34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	25			25												12
14	25	20.1		25												14
17	24.5	20		25			25									17
20	23.1	19.3	14.9	25			25			22.1						20
23	21.7	18.4	14.9	25			25			22.1						23
26	20.3	17.5	14.7	25			25			22.1			18.7			26
29	18.9	16.7	14.3	25	20.1		25			22.1			18.7			29
32	17.6	16	13.9	25	19.6		24.5	19.2		22.1			18.7			32
35	16.4	15.2	13.6	24.7	19	14.9	23.9	18.9		21.8	18.1		18.7			35
38	15.4	14.4	13.2	24	18.5	14.7	23.3	18.5	14.6	21.4	17.9		18.7	16.5		38
44	13.6	12.9	12.4	22.3	17.5	14.2	22.1	17.6	14.2	20.6	17.2	13.9	18.3	16.2	13.5	44
50	12.2	11.6	11.4	20.5	16.6	13.8	20.8	16.8	13.8	19.5	16.5	13.7	17.8	15.8	13.3	50
56	11	10.6	10.6	18.9	15.8	13.5	18.7	16	13.5	17.5	15.9	13.4	16	15.3	13.1	56
62	9.9	9.9		17.2	14.9	13.2	16.2	15.3	13.2	15	15.1	13.1	14	14.4	12.8	62
68				15.3	14	12.7	14	14.4	12.9	12.9	14	12.8	12.4	12.9	12.6	68
74				13.4	13.1	12.2	12.2	13.2	12.5	11.2	12.2	12.4	10.8	11.3	12	74
80				11.7	12.2	11.7	10.6	11.5	11.9	9.7	10.6	11.4	9.3	10.3	10.5	80
86				10.2	10.8	11.1	9.3	10	10.6	8.4	9.2	9.9	8	8.9	9.6	86
92				8.8	9.4	9.8	8.1	8.8	9.3	7.2	8	8.6	6.9	7.7	8.3	92
98				7.7	8.2	8.5	7	7.6	8	6.2	6.9	7.4	5.9	6.6	7.2	98
104				6.7	7.1	7.3	6	6.5	6.8	5.4	6	6.4	5.1	5.7	6.2	104
110				5.9	6.2		5.2	5.6	5.8	5	5.1	5.5	4.3	4.9	5.3	110
116				5.1	5.3		4.4	4.7	4.9	4.7	4.7	4.9	3.6	4.1	4.5	116
122							3.7	4		4.4	4.4	4.5	3	3.5	3.7	122
128							3.1	3.3		4.1	4.2	4.3		2.8	3.1	128
134										3.7	3.9					134
140										3.2	3.4					140

TAB 1580071 / 1580081 / 1580091

Lifting capacities on the hydraulically variable folding jib

41 – 190 ft 34 ft 23.9 x 16.4 ft 360° 50700 lbs 85%													
 ft	151 ft			165 ft			178 ft			190 ft			 ft
	34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
29	15.4												29
32	15.4			11.2									32
35	15.4			11.2			8.8						35
38	15.4			11.2			8.8			7.1			38
44	15.4	14.8		11.2	11.2		8.8			7.1			44
50	15.1	14.4	12.6	11.2	10.9		8.7	8.6		7.1	7.1		50
56	14.4	13.7	12.5	10.9	10.5	9.9	8.5	8.4	7.9	7.1	7.1		56
62	13	12.9	12.2	10.4	10	9.7	8.2	8.1	7.9	7.1	7	6.8	62
68	11.3	11.9	11.8	9.9	9.4	9.1	7.9	7.7	7.6	7	6.8	6.8	68
74	9.9	10.7	11.1	9.3	8.9	8.7	7.6	7.4	7.3	6.8	6.6	6.6	74
80	9.1	9.3	10.1	8.3	8.4	8.3	7.3	7.1	7	6.5	6.4	6.4	80
86	8	8.3	8.7	7.2	7.9	7.9	6.9	6.7	6.7	6.3	6.1	6.1	86
92	6.9	7.7	7.7	6.7	6.9	7.5	6.2	6.4	6.4	5.9	5.9	5.9	92
98	6.2	6.6	7.2	6.2	6.2	6.5	5.3	6	6.1	5.1	5.6	5.6	98
104	5.9	5.9	6.2	5.4	5.9	6	4.5	5.2	5.7	4.2	4.9	5.4	104
110	5.3	5.5	5.6	4.7	5.3	5.6	3.7	4.4	4.9	3.5	4.2	4.7	110
116	4.6	5.1	5.3	4	4.5	4.9	3.1	3.7	4.1	2.9	3.5	4	116
122	4	4.5	4.7	3.4	3.9	4.2		3	3.4		2.8	3.3	122
128	3.5	3.8	4.1	2.8	3.3	3.6			2.8			2.6	128
134	2.9	3.3	3.5		2.7	3							134
140		2.8	2.9										140

TAB 1580071 / 1580081 / 1580091

TAB 1580071 / 1580081 / 1580091

     85%																
	41 ft			96 ft			110 ft			123 ft			137 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°	
12	8.2															12
14	8.2															14
17	8.2															17
20	8.2			8.2												20
23	8.2			8.2												23
26	7.9			8.2			7.7									26
29	7.7	6.6		8.2			7.7			7.1						29
32	7.5	6.6		8.2			7.7			7.1			6.6			32
35	7.3	6.6		8.2			7.7			7.1			6.6			35
38	7	6.5		8.2			7.7			7.1			6.6			38
44	6.4	6.2		7.7	6.6		7.7			7.1			6.6			44
50	5.7	5.9	5.3	7.5	6.6		7.5	6.4		7.1	6.2		6.6			50
56	5.2	5.5	5.2	7.3	6.4		7.3	6.3		7	6.2		6.6	6		56
62	4.7	5	5	7	6.2	5.3	7	6.2	5.3	6.8	6.1		6.6	5.9		62
68	4.2	4.5	4.8	6.7	6	5.3	6.7	6	5.3	6.5	5.9	5.1	6.5	5.8	5.1	68
74	3.8	4.1	4.4	6.2	5.8	5.2	6.4	5.8	5.2	6.2	5.7	5.1	6.2	5.7	5.1	74
80	3.5	3.7	3.9	5.8	5.5	5.1	6	5.6	5.1	5.9	5.6	5	6	5.6	5	80
86	3.2	3.4		5.4	5.2	5	5.7	5.4	5	5.6	5.4	5	5.7	5.4	4.9	86
92				5	4.9	4.9	5.3	5.1	4.9	5.3	5.1	4.9	5.4	5.2	4.9	92
98				4.7	4.6	4.6	5	4.9	4.8	4.9	4.9	4.7	5.1	5	4.8	98
104				4.4	4.3	4.4	4.7	4.6	4.6	4.6	4.6	4.6	4.8	4.7	4.6	104
110				4.2	4.1	4.1	4.5	4.4	4.4	4.3	4.4	4.4	4.6	4.5	4.5	110
116				3.9	3.9	3.9	4.2	4.2	4.2	4.1	4.1	4.2	4.3	4.3	4.3	116
122				3.7	3.7	3.7	4	4	4	3.8	3.9	4	4.1	4.1	4.1	122
128				3.5	3.5	3.5	3.8	3.8	3.8	3.6	3.7	3.8	3.9	3.9	4	128
134				3.3	3.3		3.6	3.6	3.7	3.4	3.5	3.6	3.7	3.7	3.8	134
140				3.1	3.2		3.5	3.5	3.5	3.2	3.3	3.4	3.4	3.5	3.6	140
146							3.3	3.3		3	3.1	3.2	3.1	3.3	3.4	146
152							3.2	3.2		2.8	2.9	3	2.6	3.1	3.2	152
158										2.6	2.7		2.2	2.7	2.9	158
164										2.2	2.4		1.9	2.2	2.4	164
170										1.9	2			1.8	1.9	170
176										1.6						176

TAB 1580071 / 1580081 / 1580091

Lifting capacities on the hydraulically variable folding jib

41 – 190 ft 62 ft 23.9 x 16.4 ft 360° 50700 lbs 85%													
 ft	151 ft			165 ft			178 ft			190 ft			 ft
	62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
35	6.6												35
38	6.6			6.2									38
44	6.6			6.2			5.1						44
50	6.6			6.2			5.1			4.2			50
56	6.6	6		6.2			5.1			4.2			56
62	6.6	6		6.2	5.7		5.1			4.2			62
68	6.6	5.9		6.2	5.7		5.1	5.1		4.2	4.2		68
74	6.5	5.8	5	6.1	5.6	4.9	5.1	5.1		4.2	4.2		74
80	6.4	5.6	5	6	5.5	4.9	5.1	5.1	4.6	4.1	4.2		80
86	6.2	5.5	4.9	6	5.4	4.9	5.1	5	4.6	4.1	4.2	4.2	86
92	6.1	5.4	4.9	5.9	5.3	4.8	5.1	4.9	4.6	4	4.2	4.2	92
98	5.9	5.3	4.8	5.4	5.2	4.7	5	4.8	4.6	3.9	4.2	4.2	98
104	5.6	5.2	4.8	4.9	5.1	4.7	4.7	4.7	4.5	3.9	4.1	4.2	104
110	4.9	5.1	4.8	4.7	5	4.7	4	4.5	4.4	3.7	4.1	4.1	110
116	4.4	5	4.7	4.2	4.5	4.6	3.4	4.3	4.3	3.1	4	3.9	116
122	4.2	4.5	4.6	3.7	4.2	4.4	2.8	3.9	4.2		3.6	3.8	122
128	3.8	4.1	4.4	3.1	3.9	4.1		3.3	3.9		3	3.7	128
134	3.3	3.8	4.1	2.6	3.5	3.9		2.7	3.5			3.3	134
140	2.8	3.5	3.7		2.9	3.5			2.9			2.7	140
146		3	3.4		2.4	3							146
152		2.5	2.9			2.5							152
158			2.5										158
164			2										164

TAB 1580071 / 1580081 / 1580091

TAB 1580071 / 1580081 / 1580091

41 – 190 ft 34 ft 23.9 x 16.4 ft 360° 30000 lbs 85%																
 ft	41 ft			96 ft			110 ft			123 ft			137 ft			 ft
	34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	25			25												12
14	25	20.1		25												14
17	24.5	20		25			25									17
20	23.1	19.3	14.9	25			25			22.1						20
23	21.7	18.4	14.9	25			25			22.1						23
26	20.3	17.5	14.7	25			25			22.1			18.7			26
29	18.9	16.7	14.3	25	20.1		25			22.1			18.7			29
32	17.6	16	13.9	25	19.6		24.5	19.2		22.1			18.7			32
35	16.4	15.2	13.6	24.7	19	14.9	23.6	18.9		21.5	18.1		18.7			35
38	15.4	14.4	13.2	23.5	18.5	14.7	21.9	18.5	14.6	20.2	17.9		18.1	16.5		38
44	13.6	12.9	12.4	19.7	17.5	14.2	18.1	17.6	14.2	16.8	17.1	13.9	15.8	16.1	13.5	44
50	12.2	11.6	11.4	16.5	16.6	13.8	15	16.1	13.8	13.8	15.2	13.7	13.2	14.5	13.3	50
56	11	10.6	10.6	13.9	15	13.5	12.5	13.9	13.5	11.4	12.9	13.2	10.9	12.4	12.8	56
62	9.9	9.9		11.8	12.9	13	10.5	11.7	12.5	9.7	10.7	11.9	9.1	10.3	11.5	62
68				10	11	11.8	8.8	9.9	10.8	8.6	9	10	7.5	8.6	9.6	68
74				8.5	9.4	10	7.4	8.3	9.1	7.8	7.7	8.3	6.1	7.2	8	74
80				7.3	8	8.6	6.2	7	7.7	7.1	7	7.1	5	5.9	6.7	80
86				6.2	6.8	7.3	5.1	5.8	6.4	6.3	6.5	6.6		4.8	5.5	86
92				5.2	5.7	6.1	4.2	4.9	5.3	5.3	6	6.2			4.5	92
98				4.3	4.8	5	3.4	4	4.4	4.6	5.1	5.5			3.6	98
104				3.5	3.9	4.1		3.2	3.5	3.9	4.3	4.7				104
110				2.9	3.2					3.2	3.7	4				110
116										3.1	3.3					116

TAB 1580075 / 1580085 / 1580095

TAB 1580075 / 1580085 / 1580095

Lifting capacities on the hydraulically variable folding jib

41 – 190 ft 34 ft 23.9 x 16.4 ft 360° 30000 lbs 85%													
 ft	151 ft			165 ft			178 ft			190 ft			 ft
	34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
29	15.4												29
32	15.4			11.2									32
35	15.4			11.2			8.8						35
38	15.4			11.2			8.8			7.1			38
44	14.2	14.8		11.2	11.2		8.8			7.1			44
50	12.6	13.3	12.6	11	10.9		8.7	8.6		7.1	7.1		50
56	10.8	11.7	11.9	9.9	10.4	9.9	8.5	8.4	7.9	7.1	7.1		56
62	9.3	10.2	10.7	8.7	9.3	9.7	7.9	8.1	7.9	7	7	6.8	62
68	8.3	8.6	9.4	7.7	8.1	8.7	6.6	7.5	7.6	6.3	6.8	6.8	68
74	7.2	7.6	8.1	6.4	7.4	7.5	5.4	6.5	7.1	5.1	6.2	6.5	74
80	6	6.9	7.1	5.3	6.2	7	4.3	5.3	6.1		5	5.9	80
86	5	5.8	6.5	4.3	5.2	5.9		4.3	5		4	4.8	86
92	4.2	4.9	5.5		4.2	4.9			4.1			3.9	92
98	3.4	4.1	4.6		3.4	4			3.2			3	98
104		3.3	3.8			3.2							104
110			3.1										110

TAB 1580075 / 1580085 / 1580095

TAB 1580075 / 1580085 / 1580095

41 – 190 ft 62 ft 23.9 x 16.4 ft 360° 30000 lbs 85%																
 ft	41 ft			96 ft			110 ft			123 ft			137 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°	
12	8.2															12
14	8.2															14
17	8.2															17
20	8.2			8.2												20
23	8.2			8.2												23
26	7.9			8.2			7.7									26
29	7.7	6.6		8.2			7.7			7.1						29
32	7.5	6.6		8.2			7.7			7.1			6.6			32
35	7.3	6.6		8.2			7.7			7.1			6.6			35
38	7	6.5		8.2			7.7			7.1			6.6			38
44	6.4	6.2		7.7	6.6		7.7			7.1			6.6			44
50	5.7	5.9	5.3	7.5	6.6		7.5	6.4		7.1	6.2		6.6			50
56	5.2	5.5	5.2	7.3	6.4		7.3	6.3		7	6.2		6.6	6		56
62	4.7	5	5	7	6.2	5.3	7	6.2	5.3	6.8	6.1		6.6	5.9		62
68	4.2	4.5	4.8	6.7	6	5.3	6.7	6	5.3	6.5	5.9	5.1	6.5	5.8	5.1	68
74	3.8	4.1	4.4	6.2	5.8	5.2	6.4	5.8	5.2	6.2	5.7	5.1	6.2	5.7	5.1	74
80	3.5	3.7	3.9	5.8	5.5	5.1	6	5.6	5.1	5.9	5.6	5	6	5.6	5	80
86	3.2	3.4		5.4	5.2	5	5.7	5.4	5	5.6	5.4	5	5.7	5.4	4.9	86
92				5	4.9	4.9	5.3	5.1	4.9	5.3	5.1	4.9	5.3	5.2	4.9	92
98				4.7	4.6	4.6	5	4.9	4.8	4.9	4.9	4.7	4.6	5	4.8	98
104				4.4	4.3	4.4	4.7	4.6	4.6	4.4	4.6	4.6	3.9	4.7	4.6	104
110				4.2	4.1	4.1	4.4	4.4	4.4	3.8	4.4	4.4	3.3	4.2	4.5	110
116				3.9	3.9	3.9	3.9	4.2	4.2	3.2	4	4.2		3.6	4.2	116
122				3.5	3.7	3.7	3.3	3.9	4	2.7	3.4	3.9		3	3.7	122
128				3	3.4	3.5	2.8	3.4	3.7		2.9	3.4			3.1	128
134				2.6	2.9			2.9	3.2			2.8				134
140				2.2	2.4				2.6							140

TAB 1580075 / 1580085 / 1580095

TAB 1580075 / 1580085 / 1580095

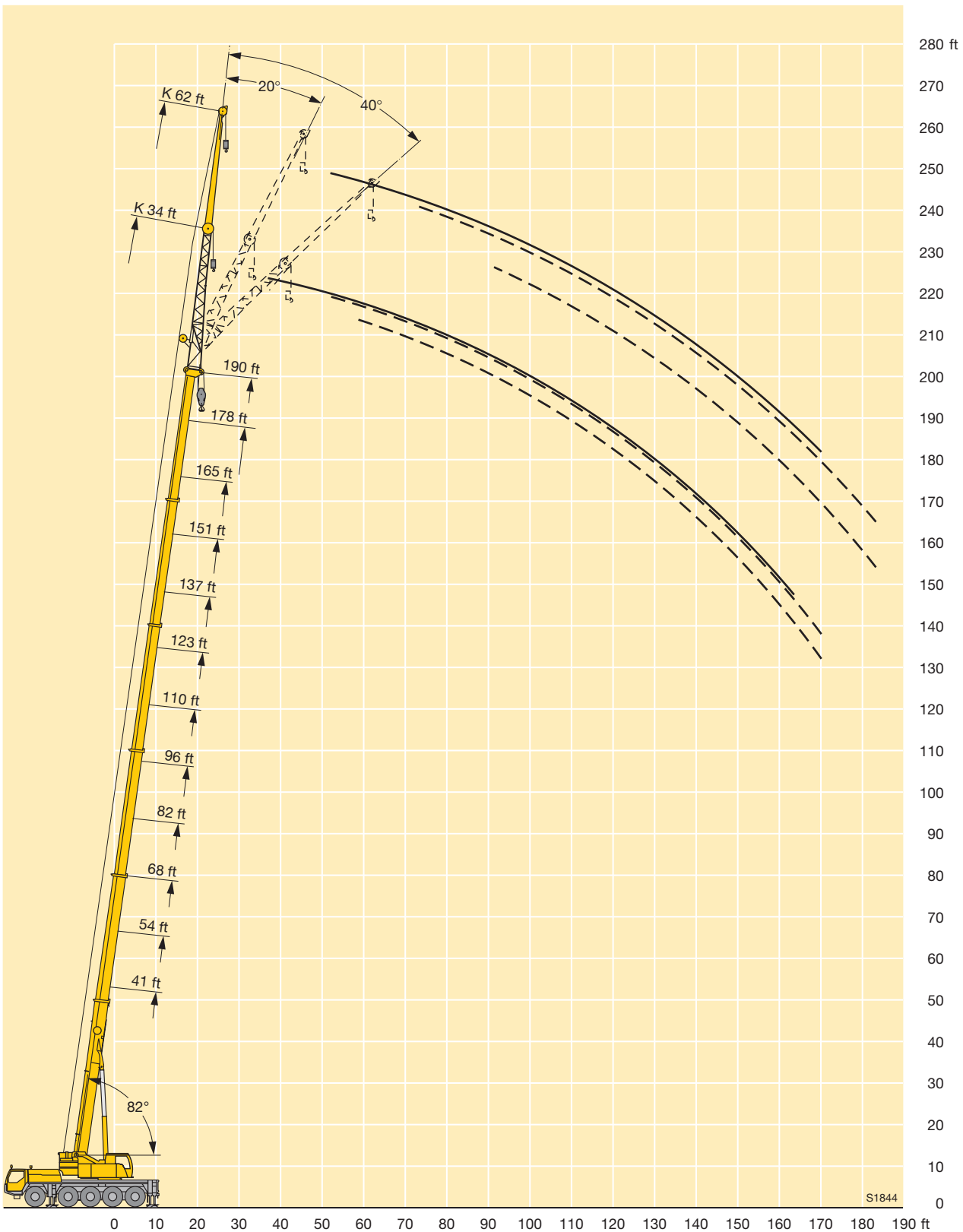
Lifting capacities on the hydraulically variable folding jib

	151 ft			165 ft			178 ft			190 ft			
	62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
35	6.6												35
38	6.6			6.2									38
44	6.6			6.2			5.1						44
50	6.6			6.2			5.1			4.2			50
56	6.6	6		6.2			5.1			4.2			56
62	6.6	6		6.2	5.7		5.1			4.2			62
68	6.6	5.9		6.1	5.7		5.1	5.1		4.2	4.2		68
74	6.4	5.8	5	5.8	5.6	4.9	5	5.1		4.2	4.2		74
80	5.8	5.6	5	5.4	5.5	4.9	4.6	5.1	4.6	4	4.2		80
86	5.4	5.5	4.9	4.6	5.3	4.9		5	4.6		4.2	4.2	86
92	4.5	5.2	4.9	3.8	5	4.8		4.4	4.6		4.2	4.2	92
98	3.8	4.9	4.8	3.1	4.4	4.7		3.6	4.6		3.4	4.2	98
104	3.1	4.2	4.6		3.7	4.6		2.9	4			3.7	104
110		3.5	4.3		3	3.9			3.3			3.1	110
116		2.9	3.8			3.2							116
122			3.1										122

TAB 1580075 / 1580085 / 1580095

TAB 1580075 / 1580085 / 1580095

Lifting heights



Lifting capacities on the hydraulically variable folding jib with boom extension

41 – 190 ft 23 ft 34 ft 23.9 x 23 ft 360° 50700 lbs 85%																
ft	41 ft + 23 ft			151 ft + 23 ft			165 ft + 23 ft			178 ft + 23 ft			190 ft + 23 ft			ft
	34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	7.8															10
12	7.8															12
14	7.8															14
16	7.8															16
18	7.8	7.8														18
20	7.7	7.8														20
23	7.6	7.8														23
26	7.3	7.6														26
29	6.9	7.3	7													29
32	6.6	6.9	7													32
35	6.2	6.5	6.9													35
38	5.8	6.2	6.5	7.8												38
44	5.2	5.6	5.9	7.8			7			6.3						44
50	4.6	5	5.3	7.8	7.7		7	7		6.3			5.3			50
56	4.1	4.4	4.7	7.7	7.5	7	7	7		6.3	6.3		5.3			56
62	3.6	3.9	4.2	7.4	7.1	6.9	7	6.8	6.6	6.3	6.3	6.3	5.3	5.3		62
68	3.1	3.5	3.7	7	6.8	6.7	6.8	6.6	6.5	6.3	6.3	6.2	5.3	5.3	5.3	68
74	2.7	3	3.2	6.7	6.5	6.4	6.5	6.3	6.2	6.2	6.1	6	5.2	5.3	5.3	74
80	2.3	2.5	2.7	6.3	6.1	6.1	6.3	6.1	6	6	5.9	5.8	5.1	5.2	5.2	80
86				6	5.8	5.8	6	5.8	5.7	5.8	5.6	5.6	5	5.1	5	86
92				5.7	5.6	5.5	5.7	5.5	5.5	5.6	5.4	5.4	4.9	4.9	4.8	92
98				5.4	5.3	5.3	5.4	5.3	5.3	5.3	5.2	5.2	4.7	4.7	4.7	98
104				5.1	5.1	5	5.1	5.1	5	5	5	5	4.6	4.5	4.5	104
110				4.8	4.8	4.8	4.9	4.8	4.8	4.8	4.8	4.8	4.4	4.3	4.3	110
116				4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.2	4.1	4.2	116
122				4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4	4	4	122
128				4	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	3.8	3.8	3.8	128
134				3.8	3.8	3.9	4	4	4	4	4	4	3.6	3.6	3.7	134
140				3.6	3.6	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.4	3.5	3.5	140
146				3.4	3.4	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.2	3.3	3.3	146
152				3.1	3.2	3.3	3.4	3.4	3.5	3.2	3.4	3.5	2.9	3.1	3.2	152
158				2.9	3	3.1	3.2	3.2	3.3	2.7	3.1	3.3	2.4	2.9	3	158
164				2.7	2.8	2.9	3	3.1	3.1	2.2	2.6	2.8	2	2.4	2.6	164
170				2.5	2.6	2.7	2.6	2.9	2.9		2.1	2.3		1.9	2.2	170
176				2.4	2.4	2.5	2.2	2.5	2.6			1.9				176
182				2.2	2.3		1.8	2	2.1							182
188				1.9	2											188
194				1.6	1.6											194

TAB 1580351 / 1580361 / 1580371

Lifting capacities on the hydraulically variable folding jib with boom extension

41 – 188 ft 23 ft 62 ft 23.9 x 23 ft 360° 50700 lbs 85%																
 ft	41 ft + 23 ft			151 ft + 23 ft			165 ft + 23 ft			178 ft + 23 ft			188 ft + 23 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°	
14	5.1															14
16	5.1															16
18	5.1															18
20	5.1															20
23	5.1															23
26	5.1															26
29	5.1															29
32	5															32
35	4.9	4.6														35
38	4.8	4.6														38
44	4.6	4.6		5.1												44
50	4.2	4.4	4.1	5.1			4.4			3.9						50
56	3.8	4.2	4.1	5.1			4.4			3.9			2.9			56
62	3.5	3.9	4	5.1	4.6		4.4			3.9			2.9			62
68	3.3	3.5	3.8	5.1	4.6		4.4	4.4		3.9			2.9			68
74	3.1	3.2	3.5	5	4.6		4.4	4.4		3.9	3.9		2.9	2.9		74
80	2.9	2.9	3.2	4.8	4.6	4.1	4.4	4.4	4.1	3.9	3.9		2.9	2.9		80
86	2.6	2.7	2.9	4.7	4.4	4.1	4.4	4.3	4.1	3.9	3.9	3.6	2.9	2.9		86
92	2.4	2.4	2.6	4.5	4.3	4.1	4.4	4.1	4.1	3.9	3.9	3.6	2.9	2.9		92
98	2.2	2.1	2.3	4.3	4.1	4.1	4.2	4	4	3.9	3.9	3.6	2.9	2.9	2.9	98
104	2	1.8	1.9	4.1	4	3.9	4.1	3.9	3.9	3.8	3.8	3.6	2.8	2.9	2.9	104
110	1.8	1.7	1.7	3.9	3.8	3.8	3.9	3.8	3.7	3.7	3.6	3.6	2.7	2.9	2.9	110
116	1.5			3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	2.7	2.9	2.9	116
122				3.5	3.5	3.5	3.6	3.5	3.5	3.5	3.4	3.4	2.7	2.9	2.9	122
128				3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.3	3.3	2.7	2.8	2.9	128
134				3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	2.6	2.8	2.9	134
140				3	3	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6	2.7	2.8	140
146				2.8	2.9	2.9	2.9	2.9	3	2.9	2.9	3	2.5	2.6	2.7	146
152				2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	2.5	2.6	152
158				2.5	2.6	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.3	2.4	2.5	158
164				2.4	2.5	2.5	2.5	2.5	2.6	2.5	2.6	2.6	2.2	2.3	2.4	164
170				2.2	2.3	2.4	2.4	2.4	2.5	2.1	2.5	2.5	1.9	2.2	2.3	170
176				2.1	2.2	2.3	2.2	2.3	2.4		2.3	2.4		2.1	2.2	176
182				1.9	2	2.1	2.1	2.2	2.3		1.9	2.3		1.8	2.1	182
188				1.8	1.9	2	1.8	2.1	2.1			1.9			1.8	188
194				1.6	1.8	1.8		1.9	2							194
200					1.6	1.6										200

TAB 1580351 / 1580361 / 1580371

Lifting capacities on the hydraulically variable folding jib with boom extension

41 – 190 ft 23 ft 34 ft 23.9 x 23 ft 360° 30000 lbs 85%																
 ft	41 ft + 23 ft			151 ft + 23 ft			165 ft + 23 ft			178 ft + 23 ft			190 ft + 23 ft			 ft
	34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	7.8															10
12	7.8															12
14	7.8															14
16	7.8															16
18	7.8	7.8														18
20	7.7	7.8														20
23	7.6	7.8														23
26	7.3	7.6														26
29	6.9	7.3	7													29
32	6.6	6.9	7													32
35	6.2	6.5	6.9													35
38	5.8	6.2	6.5	7.8												38
44	5.2	5.6	5.9	7.8			7			6.3						44
50	4.6	5	5.3	7.8	7.7		7	7		6.3			5.3			50
56	4.1	4.4	4.7	7.7	7.5	7	7	7		6.3	6.3		5.3			56
62	3.6	3.9	4.2	7.4	7.1	6.9	7	6.8	6.6	6.3	6.3	6.3	5.3	5.3		62
68	3.1	3.5	3.7	7	6.8	6.7	6.8	6.6	6.5	6.3	6.3	6.2	5.3	5.3	5.3	68
74	2.7	3	3.2	6.7	6.5	6.4	6.5	6.3	6.2	6.2	6.1	6	5.2	5.3	5.3	74
80	2.3	2.5	2.7	6.3	6.1	6.1	6.3	6.1	6	6	5.9	5.8	5.1	5.2	5.2	80
86				6	5.8	5.8	6	5.8	5.7	5.8	5.6	5.6	5	5.1	5	86
92				5.7	5.6	5.5	5.7	5.5	5.5	5.6	5.4	5.4	4.9	4.9	4.8	92
98				5.4	5.3	5.3	5.4	5.3	5.3	5.3	5.2	5.2	4.7	4.7	4.7	98
104				5.1	5.1	5	5.1	5.1	5	5	5	5	4.6	4.5	4.5	104
110				4.8	4.8	4.8	4.9	4.8	4.8	4.2	4.8	4.8	4	4.3	4.3	110
116				4.5	4.5	4.6	4.4	4.6	4.6	3.5	4.2	4.5	3.3	3.9	4.2	116
122				4.2	4.3	4.4	3.7	4.2	4.4	2.8	3.5	3.9		3.3	3.7	122
128				3.8	4	4.1	3.1	3.6	4		2.8	3.3			3.1	128
134				3.2	3.7	3.8		3.1	3.4			2.6				134
140				2.7	3.1	3.4		2.5	2.8							140
146					2.6	2.8										146

TAB 1580355 / 1580365 / 1580375

Lifting capacities on the hydraulically variable folding jib with boom extension

41 – 188 ft 23 ft 62 ft 23.9 x 23 ft 360° 30000 lbs 85%																
 ft	41 ft + 23 ft			151 ft + 23 ft			165 ft + 23 ft			178 ft + 23 ft			188 ft + 23 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°	
14	5.1															14
16	5.1															16
18	5.1															18
20	5.1															20
23	5.1															23
26	5.1															26
29	5.1															29
32	5															32
35	4.9	4.6														35
38	4.8	4.6														38
44	4.6	4.6		5.1												44
50	4.2	4.4	4.1	5.1			4.4			3.9						50
56	3.8	4.2	4.1	5.1			4.4			3.9			2.9			56
62	3.5	3.9	4	5.1	4.6		4.4			3.9			2.9			62
68	3.3	3.5	3.8	5.1	4.6		4.4	4.4		3.9			2.9			68
74	3.1	3.2	3.5	5	4.6		4.4	4.4		3.9	3.9		2.9	2.9		74
80	2.9	2.9	3.2	4.8	4.6	4.1	4.4	4.4	4.1	3.9	3.9		2.9	2.9		80
86	2.6	2.7	2.9	4.7	4.4	4.1	4.4	4.3	4.1	3.9	3.9	3.6	2.9	2.9		86
92	2.4	2.4	2.6	4.5	4.3	4.1	4.4	4.1	4.1	3.9	3.9	3.6	2.9	2.9		92
98	2.2	2.1	2.3	4.3	4.1	4.1	4.2	4	4	3.9	3.9	3.6	2.9	2.9	2.9	98
104	2	1.8	1.9	4.1	4	3.9	4.1	3.9	3.9	3.8	3.8	3.6	2.8	2.9	2.9	104
110	1.8	1.7	1.7	3.9	3.8	3.8	3.9	3.8	3.7	3.7	3.6	3.6	2.7	2.9	2.9	110
116	1.5			3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	2.7	2.9	2.9	116
122				3.5	3.5	3.5	3.6	3.5	3.5	3.1	3.4	3.4	2.7	2.9	2.9	122
128				3.3	3.3	3.3	3.3	3.4	3.4		3.3	3.3		2.8	2.9	128
134				3.2	3.2	3.2	2.8	3.2	3.2		3	3.2		2.7	2.9	134
140				2.9	3	3.1		3	3.1		2.5	3			2.8	140
146				2.5	2.9	2.9		2.7	3			2.7			2.6	146
152					2.7	2.8			2.8							152
158					2.3	2.7										158
164					1.9	2.3										164
170						1.9										170

TAB 1580355 / 1580365 / 1580375

TAB 1580355 / 1580365 / 1580375

Lifting capacities on the hydraulically variable folding jib with boom extension

41 – 190 ft 23 ft 34 ft 23.9 x 16.4 ft 360° 50700 lbs 85%																
 ft	41 ft + 23 ft			151 ft + 23 ft			165 ft + 23 ft			178 ft + 23 ft			190 ft + 23 ft			 ft
	34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	7.1															10
12	7.1															12
14	7.1															14
16	7.1															16
18	7	7.1														18
20	7	7.1														20
23	6.9	7.1														23
26	6.6	6.9														26
29	6.3	6.6	6.4													29
32	6	6.3	6.4													32
35	5.6	5.9	6.3													35
38	5.3	5.6	5.9	7.1												38
44	4.7	5.1	5.3	7.1			6.4			5.7						44
50	4.2	4.5	4.8	7.1	7		6.4	6.4		5.7			4.9			50
56	3.7	4	4.3	7	6.8	6.4	6.4	6.3		5.7	5.7		4.9			56
62	3.3	3.6	3.8	6.7	6.5	6.3	6.3	6.2	6	5.7	5.7	5.7	4.8	4.9		62
68	2.8	3.1	3.3	6.4	6.2	6.1	6.2	6	5.9	5.7	5.7	5.7	4.8	4.9	4.9	68
74	2.5	2.7	2.9	6.1	5.9	5.8	6	5.8	5.7	5.6	5.5	5.5	4.7	4.8	4.8	74
80	2.1	2.3	2.5	5.8	5.6	5.5	5.7	5.5	5.4	5.4	5.3	5.3	4.6	4.7	4.7	80
86				5.5	5.3	5.2	5.4	5.3	5.2	5.3	5.1	5.1	4.5	4.6	4.6	86
92				5.2	5.1	5	5.2	5	5	5	4.9	4.9	4.5	4.4	4.4	92
98				4.9	4.8	4.8	4.9	4.8	4.8	4.8	4.7	4.7	4.3	4.3	4.2	98
104				4.6	4.6	4.6	4.7	4.6	4.6	4.2	4.5	4.5	3.9	4.1	4.1	104
110				4.4	4.4	4.4	4.3	4.4	4.4	3.4	4.1	4.3	3.2	3.8	3.9	110
116				4.1	4.1	4.2	3.7	4.1	4.2	2.8	3.4	3.9		3.2	3.6	116
122				3.7	3.9	4	3.1	3.6	3.9		2.8	3.2			3	122
128				3.2	3.6	3.7		3	3.4			2.6				128
134				2.6	3.1	3.4			2.8							134
140					2.6	2.8										140

TAB 1580131 / 1580141 / 1580151

Lifting capacities on the hydraulically variable folding jib with boom extension

41 – 188 ft 23 ft 62 ft 23.9 x 16.4 ft 360° 50700 lbs 85%																	
ft	41 ft + 23 ft			151 ft + 23 ft			165 ft + 23 ft			178 ft + 23 ft			188 ft + 23 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°		
14	4.6															14	
16	4.6															16	
18	4.6															18	
20	4.6															20	
23	4.6															23	
26	4.6															26	
29	4.6															29	
32	4.5															32	
35	4.5	4.2														35	
38	4.4	4.2														38	
44	4.1	4.2		4.6												44	
50	3.8	4	3.8	4.6			4			3.5						50	
56	3.5	3.8	3.8	4.6			4			3.5			2.7			56	
62	3.2	3.5	3.7	4.6	4.2		4			3.5			2.7			62	
68	3	3.2	3.5	4.6	4.2		4	4		3.5			2.7			68	
74	2.8	2.9	3.2	4.5	4.2		4	4		3.5	3.5		2.7	2.7		74	
80	2.6	2.7	2.9	4.4	4.2	3.8	4	4	3.8	3.5	3.5		2.7	2.7		80	
86	2.4	2.4	2.7	4.3	4	3.8	4	3.9	3.7	3.5	3.5	3.3	2.6	2.7		86	
92	2.2	2.2	2.4	4.1	3.9	3.8	4	3.8	3.7	3.5	3.5	3.3	2.6	2.7		92	
98	2	1.9	2.1	3.9	3.8	3.7	3.8	3.7	3.6	3.5	3.5	3.3	2.6	2.7	2.7	98	
104	1.8	1.6	1.8	3.7	3.6	3.6	3.7	3.6	3.5	3.5	3.4	3.3	2.5	2.7	2.7	104	
110	1.6	1.5	1.6	3.6	3.5	3.5	3.6	3.4	3.4	3.4	3.3	3.3	2.5	2.7	2.7	110	
116	1.4			3.4	3.3	3.3	3.4	3.3	3.3	3	3.2	3.2	2.5	2.6	2.7	116	
122				3.2	3.2	3.2	3.2	3.2	3.2		3.1	3.1		2.6	2.7	122	
128				3	3	3	2.7	3	3		2.9	3		2.6	2.7	128	
134				2.8	2.9	2.9		2.9	2.9			2.9			2.6	134	
140					2.8	2.8		2.6	2.8			2.6			2.4	140	
146					2.6	2.7			2.6							146	
152						2.5										152	

TAB 1580131 / 1580141 / 1580151

Lifting capacities on the hydraulically variable folding jib with boom extension

41 – 190 ft 23 ft 34 ft 23.9 x 16.4 ft 360° 30000 lbs 85%																
 ft	41 ft + 23 ft			151 ft + 23 ft			165 ft + 23 ft			178 ft + 23 ft			190 ft + 23 ft			 ft
	34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	7.1															10
12	7.1															12
14	7.1															14
16	7.1															16
18	7	7.1														18
20	7	7.1														20
23	6.9	7.1														23
26	6.6	6.9														26
29	6.3	6.6	6.4													29
32	6	6.3	6.4													32
35	5.6	5.9	6.3													35
38	5.3	5.6	5.9	7.1												38
44	4.7	5.1	5.3	7.1			6.4			5.7						44
50	4.2	4.5	4.8	7.1	7		6.4	6.4		5.7			4.9			50
56	3.7	4	4.3	7	6.8	6.4	6.4	6.3		5.7	5.7		4.9			56
62	3.3	3.6	3.8	6.7	6.5	6.3	6.3	6.2	6	5.7	5.7	5.7	4.8	4.9		62
68	2.8	3.1	3.3	6.4	6.2	6.1	6.2	6	5.9	5.6	5.7	5.7	4.8	4.9	4.9	68
74	2.5	2.7	2.9	6.1	5.9	5.8	5.8	5.8	5.7	5	5.5	5.5	4.5	4.8	4.8	74
80	2.1	2.3	2.5	5.6	5.6	5.5	5	5.5	5.4		5	5.2		4.5	4.7	80
86				4.7	5.3	5.2	4	4.9	5.2		4	4.8			4.5	86
92				3.9	4.6	5		4	4.6			3.8				92
98				3.1	3.8	4.3		3.2	3.8			3				98
104					3.1	3.6			3							104
110						2.9										110

TAB 1580135 / 1580145 / 1580155

TAB 1580135 / 1580145 / 1580155

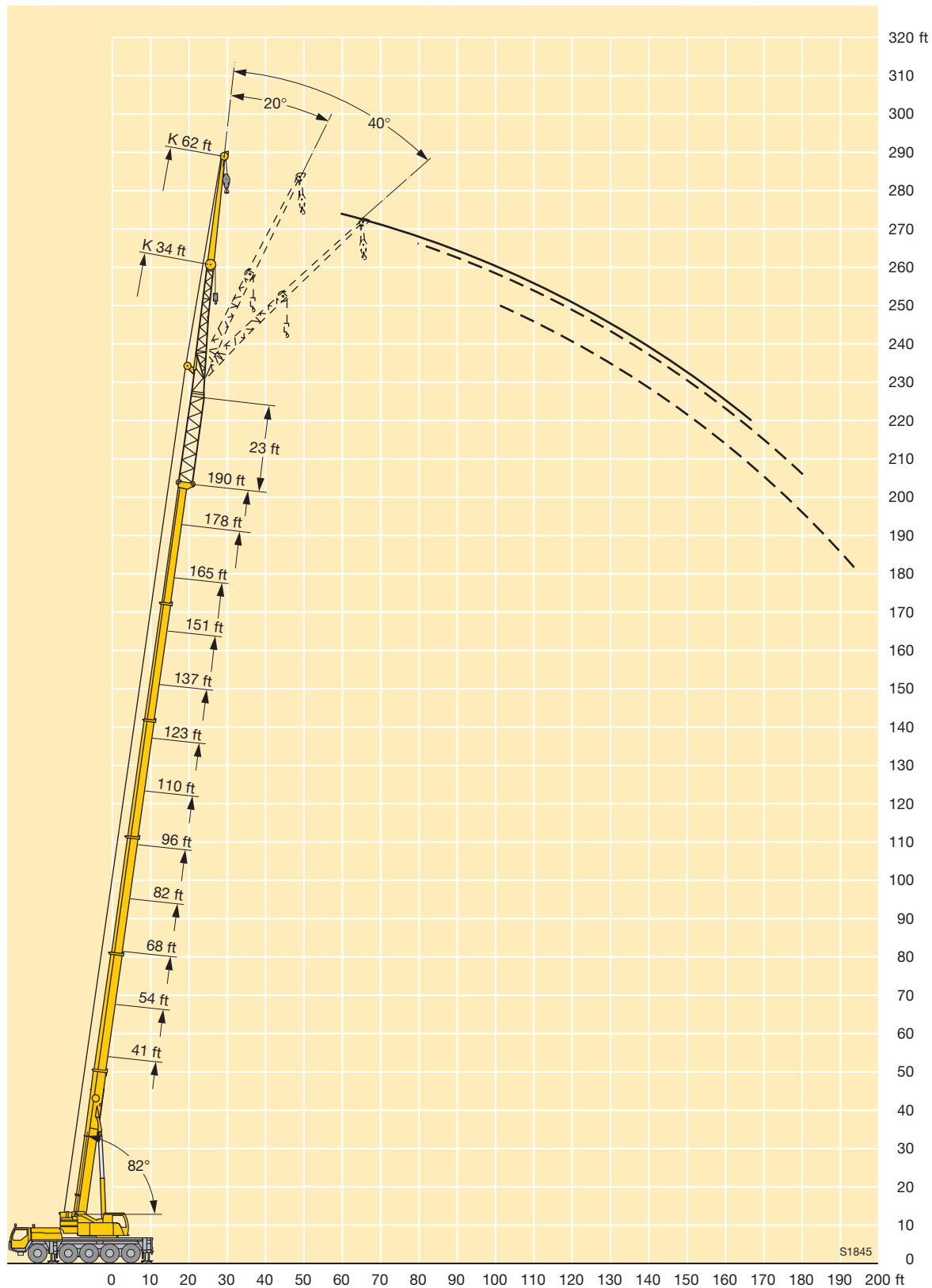
Lifting capacities on the hydraulically variable folding jib with boom extension

41 – 188 ft 23 ft 62 ft 23.9 x 16.4 ft 360° 30000 lbs 85%																	
 ft	41 ft + 23 ft			151 ft + 23 ft			165 ft + 23 ft			178 ft + 23 ft			188 ft + 23 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°		
14	4.6															14	
16	4.6															16	
18	4.6															18	
20	4.6															20	
23	4.6															23	
26	4.6															26	
29	4.6															29	
32	4.5															32	
35	4.5	4.2														35	
38	4.4	4.2														38	
44	4.1	4.2		4.6												44	
50	3.8	4	3.8	4.6			4			3.5						50	
56	3.5	3.8	3.8	4.6			4			3.5			2.7			56	
62	3.2	3.5	3.7	4.6	4.2		4			3.5			2.7			62	
68	3	3.2	3.5	4.6	4.2		4	4		3.5			2.7			68	
74	2.8	2.9	3.2	4.5	4.2		4	4		3.5	3.5		2.7	2.7		74	
80	2.6	2.7	2.9	4.4	4.2	3.8	4	4	3.8	3.5	3.5		2.7	2.7		80	
86	2.4	2.4	2.7	4.3	4	3.8	3.9	3.9	3.7		3.5	3.3		2.7		86	
92	2.2	2.2	2.4	4.1	3.9	3.8		3.8	3.7		3.5	3.3		2.7		92	
98	2	1.9	2.1	3.4	3.8	3.7		3.7	3.6		3.3	3.3		2.7	2.7	98	
104	1.8	1.6	1.8		3.6	3.6		3.3	3.5			3.3			2.7	104	
110	1.6	1.5	1.6		3.2	3.5			3.4			3			2.7	110	
116	1.4					3.3			3							116	
122						2.9										122	

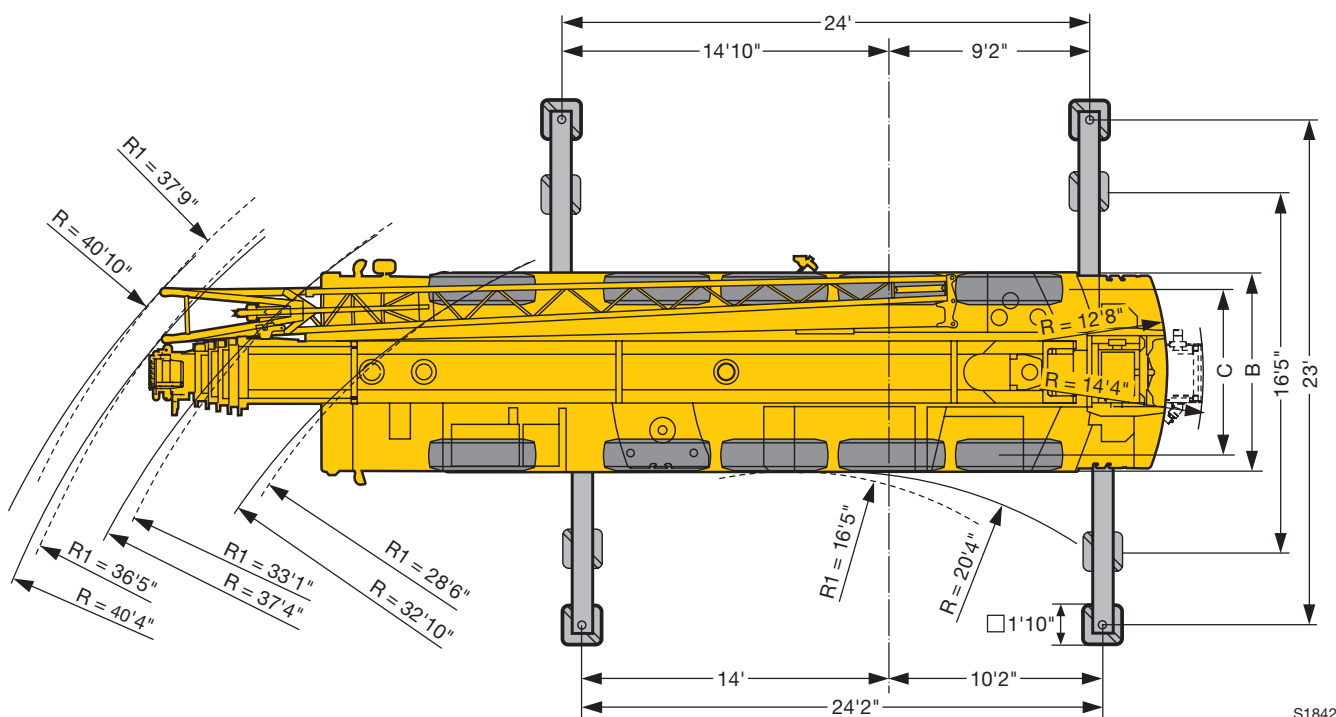
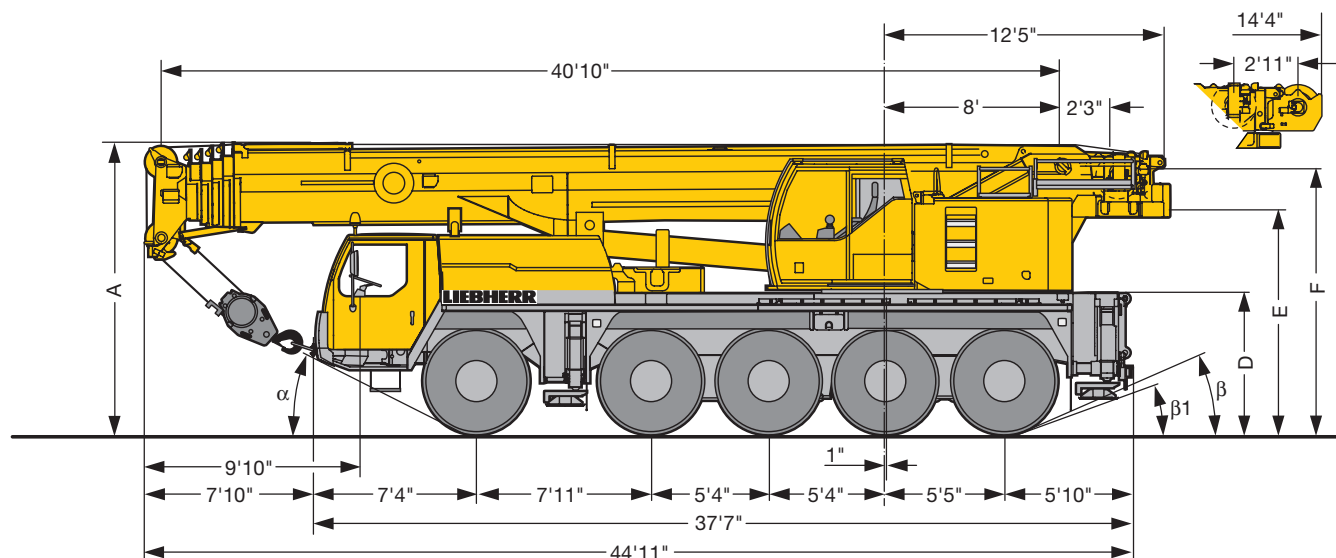
TAB 1580135 / 1580145 / 1580155

TAB 1580135 / 1580145 / 1580155

Lifting heights



Dimensions



S1842

R_i = All-wheel steering

Dimensions										
	A	A 0'6" *	B	C	D	E	F	α	β	β_1
20.5 R 25	13'1"	12'10"	9'9"	8'	6'4"	10'1"	12'3"	20°	20°	17°

* lowered

Weights



Axle	1	2	3	4	5	Total weight (lbs)
lbs	26400	26400	26400	26400	26400	132000 ¹⁾

¹⁾ with 33100 lbs counterweight and folding jib



Load (kips)	No. of sheaves	No. of lines	Weight lbs
176.4	7	14	1102
128.7	5	11	1102
84.4	3	7	992
35.3	1	3	661
12.6	–	1	308

Working speeds



		1	2	3	4	5	6	7	8	9	10	11	12	R 1	R 2	
20.5 R 25	mph	3.5	4.5	5.8	7.5	9.4	12.2	16	20.6	26.5	34.1	43.2	50	3.8	4.8	43 %



Drive	infinitely variable	Rope diameter / Rope length	Max. single line pull
	0 – 410 ft/min single line	0'7" / 853'	12820 lbs
	0 – 410 ft/min single line	0'7" / 853'	12820 lbs
	0 – 1.7 rpm		
	approx. 60 seconds to reach 82° boom angle		
	approx. 390 seconds for boom extension from 41 ft – 190 ft		

Equipment

Crane carrier

Frame	Self-manufactured, weight-optimized and torsion resistant box-type design of high-tensile structural steel.
Outriggers	4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Automatic levelling of crane. Electronic inclination indicator. Supporting area lighting.
Engine	6-cylinder Diesel, make Liebherr, type D 846 TI A7, watercooled, output 370 kW (503 h.p.) at 1900 min ⁻¹ , max. torque 1731 lbs/ft at 1100 – 1500 min ⁻¹ . Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 92 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, 4 and 5 are planetary axles with differential locks.
Suspension	All axles are mounted on hydropneumatic suspension and are lockable hydraulically.
Tyres	10 tyres, size: 16.00 R 25.
Steering	ZF-servocom power steering, dual circuit system with hydraulic servo system and auxiliary pump system, driven by the axle. At road displacement, axles 3, 4 and 5 electro-hydraulically speed-dependent and from 18.6 mph, axles 3 and 4 are fixed to straight displacement. From 37 mph, axle 5 is fixed straight. Steering according to EG directive 70/311 EWG.
Brakes	Service brake: Dual circuit, all-wheel servo-air brake. Parking brake: Spring brake actuator acting on all the wheels of axles 1, 2, 3 and 4. Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear. Brakes according to EG directives 71/320 EWG resp. 70/311 EWG.
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 EG 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 according to traffic regulations.

Crane superstructure

Frame	Self-manufactured, cataphoretic dip-primed weight-optimized and torsion resistant welded design of high-tensile structural steel; linked by a triple-row roller slewing ring to the carrier for continuous rotation.
Crane engine	4-cylinder Diesel, make Liebherr, type D 934 S, watercooled, output 145 kW (197 h.p.) at 1800 min ⁻¹ , max. torque 677 lbs/ft at 1100 min ⁻¹ – 1500 min ⁻¹ . Exhaust emissions acc. to 97/68/EG stage 3 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 selfcentering hand control levers (joy-stick type), with winch and slewing gear signal devices.
Hoist gear	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential ram with safety check valves.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as standard feature.
Crane cab	All-steel construction, entirely galvanized, powder coated, with safety glazing, operating and control instruments, comfortably equipped, cab tiltable backwards.
Safety devices	LICCON 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 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system "Telematik". Boom length: 41 ft – 190 ft.
Counterweight	33100 lbs basic counterweight.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.
Swing-away jib	34 ft – 62 ft long, hydraulic ram for operating the swing-away jib from 0° – 40°.
Telescopic boom extension	23 ft long lattice section, thus 23 ft 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.
Additional counterweight	17600 lbs for a total counterweight of 50700 lbs.



Crane Rental Service

TRUCK CRANES

Capacities 82 to 200 tons
Booms to 390 feet

HYDRAULIC CRANES

Capacities 8.5 to 625 tons
Booms to 480 feet

CRAWLER CRANES

Capacities 115 to 440 tons
Booms to 512 feet

TOWER CRANES

Favco 750 & 1000 "Kangaroos"
Link-Belt TG-1900's

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Subject to modification

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