

BAY CRANE

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LIEBHERR LTM 1130-5.1 – 130 Ton HYDRAULIC CRANE



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Lifting capacities on telescopic boom

																			
	42 ft		56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft				
	*																		
9		242	182													9			
10	305	238	182	182	164											10			
12	199	199	182	180	164	130										12			
14	182	182	175	168	160	130										14			
16	168	168	161	156	151	130	105									16			
18	157	157	151	145	140	128	104	76								18			
20	146	146	140	135	130	125	102	76	57.5							20			
23	132	132	127	122	118	117	98.5	76	57.5							23			
26	119	119	117	112	108	107	95.5	75	57.5	47.5						26			
29	105	105	108	104	100	98	92	73	57.5	46.9	35.2	38.6				29			
32	88	88	99	96	93.5	91	87.5	70	56.9	46.1	35.2	38.6	31	31.5		32			
35			90.5	89.5	87.5	84.5	82	67	55.6	45.4	34.6	38.5	31	31.5	25.5	35			
38			82.5	82.5	82	79	76.5	63.5	53.6	44.5	33.6	38	30.8	31.4	25.5	38			
44			67	70.5	70.5	69.5	67	57.4	48.9	42	31.3	36.2	29.6	30.4	25.4	44			
50				60.5	60.5	59.9	57.8	51.7	44.8	38.8	29.1	34.2	28.1	29.2	24.9	50			
56				52.2	52.3	51.6	49.9	46.5	40.9	35.9	27	31.9	26.4	27.7	24.1	56			
62					45.6	44.8	43.5	42.6	37.4	33.1	25	29.7	24.8	26.1	23.1	62			
68					40.1	39.3	38.4	38.9	34.4	30.5	23.2	27.7	23.2	24.6	21.8	68			
74						34.7	34.8	34.7	31.3	28.2	21.4	25.7	21.7	23.2	20.5	74			
80						31	32.1	30.9	28.3	26.2	19.9	23.9	20.3	21.9	19.4	80			
86							28.8	27.6	26.4	24.1	18.5	22.3	19.1	20.5	18.3	86			
92							26	24.8	24.2	22	17.1	20.7	17.9	19.3	17	92			
98							23.6	22.3	22.8	20.3	16	19.4	16.8	18.1	16	98			
104							18.2	20.2	20.7	19	15	18.2	15.8	16.9	15	104			
110								19	18.7	17.9	13.9	16.6	14.9	16	13.9	110			
116								16.7	17	16.8	13	15.4	14	15	13.1	116			
122									15.5	15.5	12.2	14.6	13.2	13.9	12.2	122			
128									14.2	14.1	11.4	13.6	12.5	12.7	11.4	128			
134										12.8	10.7	12.4	11.8	11.4	10.7	134			
140										11.7	10.1	11.3	11.1	10.3	9.9	140			
146											9.5	10.3	10.3	9.2	9.1	146			
152											8.7	9.5	9.5	8.4	8.3	152			
158													8.8	7.7	7.5	158			
164													8.1	6.9	6.8	164			
170													6.5	6.2	6.2	170			
176															5.5	176			

over rear

TAB 1825331 / 1825351

* over rear

TAB 1825331 / 1825351

Remarks referring to load charts

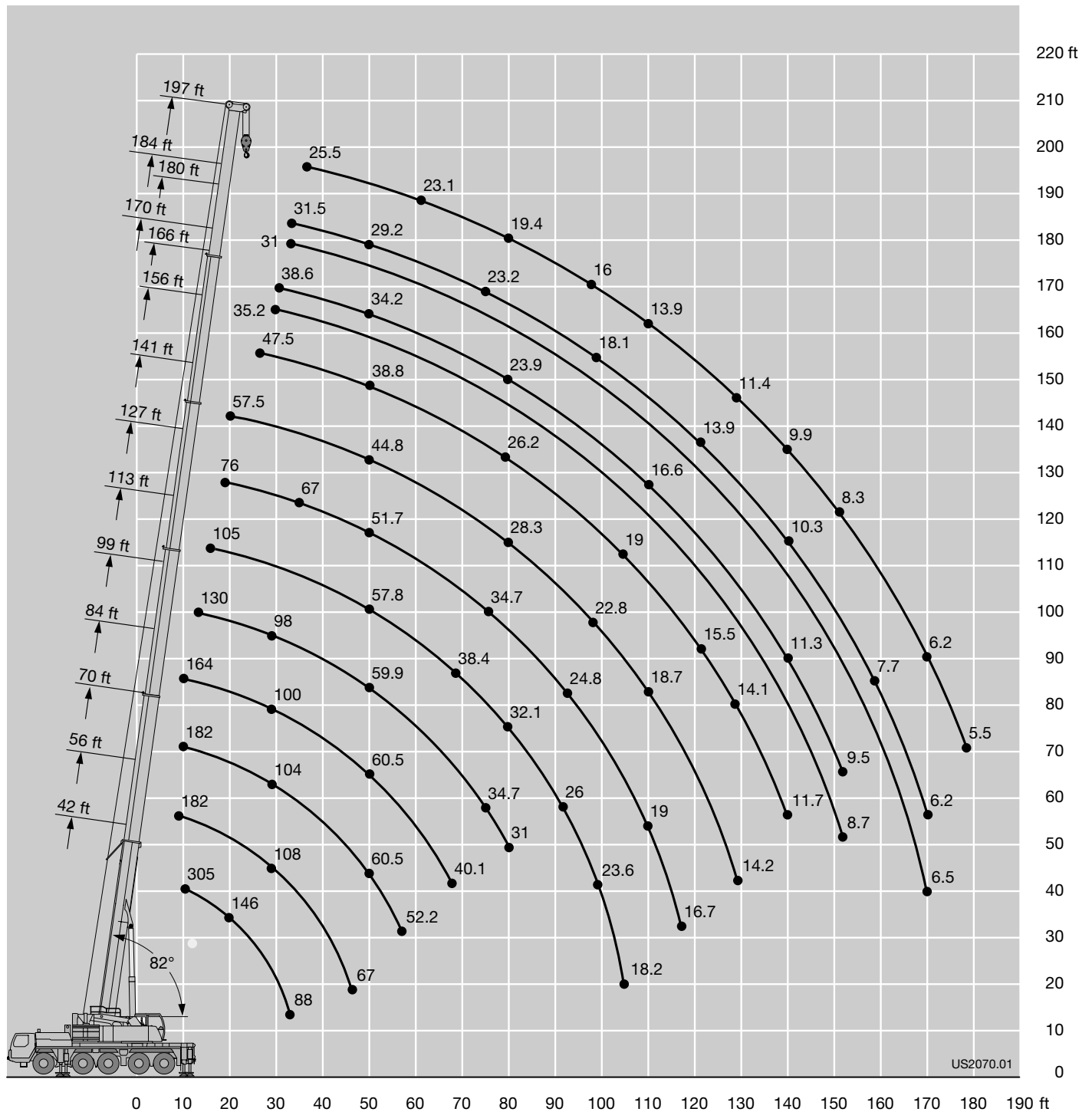
1. The tabulated lifting capacities do not exceed 85% of the tipping load.
2. The crane's structural steelwork is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
3. The 85% overturning limit values take into account 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 above 183000 lbs / 242500 lbs only with additional pulley block/special equipment.

Lifting capacities on telescopic boom

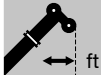
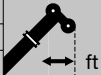
42 – 197 ft   360°  49800 lbs  85% 															
ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft
9	244	182													9
10	240	182	182	164											10
12	199	182	180	164	130										12
14	182	175	168	160	130										14
16	168	161	156	151	130	105									16
18	157	151	145	140	128	104	76								18
20	146	140	135	130	125	102	76	57.5							20
23	126	127	122	118	115	98.5	76	57.5							23
26	110	112	108	105	98.5	91.5	75	57.5	47.5						26
29	96	98	95.5	91	85.5	80	73	57.5	46.9	35.2	38.6				29
32	84.5	85.5	84	80	75.5	71	67.5	56.9	46.1	35.2	38.6	31	31.5		32
35		76.5	74.5	71	67.5	63.5	62	55.3	45.4	34.6	38.5	31	31.5	25.5	35
38		68.5	66.5	64	60	57.8	56.2	51.3	44.5	33.6	38	30.8	31.4	25.5	38
44		54.9	54.7	52.4	49.7	49.1	46.4	43.2	39.9	31.3	36.2	29.6	30.4	25.4	44
50			45.4	43.7	43.1	41.7	39.4	37.7	35.2	29.1	33.1	28.1	29.2	24.9	50
56			38	37.1	37.6	35.6	34.6	32.9	31.5	27	29.6	26.4	27.6	24.1	56
62				32.6	32.6	30.7	30.5	28.9	27.9	25	26.4	24.8	24.9	23	62
68				29.1	28.6	27.2	26.7	25.9	24.4	23.2	23.3	22.8	21.6	21.1	68
74					25.2	24.8	23.5	22.8	21.6	21.1	20.4	20.2	18.8	18.4	74
80					22	22.3	20.9	20.2	19.1	18.9	17.9	17.7	16.4	16.1	80
86						19.7	18.9	18	16.9	16.7	15.8	15.7	14.3	14	86
92						17.5	16.7	16.1	15	14.8	14	13.9	12.5	12.3	92
98						15.6	14.9	14.3	13.4	13.2	12.4	12.3	11	10.7	98
104						14	13.2	12.7	11.9	11.8	11	10.9	9.6	9.4	104
110							11.8	11.3	10.4	10.4	9.6	9.6	8.4	8.2	110
116							10.7	10	9.2	9.2	8.5	8.5	7.3	7.1	116
122								9	8.2	8.2	7.5	7.5	6.3	6.1	122
128								8.1	7.3	7.3	6.6	6.6	5.4	5.2	128
134									6.5	6.5	5.8	5.8	4.6	4.4	134
140									5.6	5.7	4.9	5.1	3.9	3.7	140
146										4.9	4.2	4.3	3.1	3.1	146
152										4.2	3.5	3.6			152
158												3			158
164												2.4			164

TAB 1825355

Lifting heights

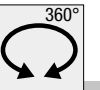


Lifting capacities on the hydraulically or mechanically variable folding jib

    																	
 ft	42 ft			113 ft			127 ft			141 ft			156 ft			 ft	
	35 ft			35 ft			35 ft			35 ft			35 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
12	38.6															12	
14	38.6	37.6														14	
17	38.5	37.2		38.6												17	
20	37.7	35.5		38.6			37.1									20	
23	35.7	33.7		38.6			37.1									23	
26	33.6	32	26	38.6			36.9			31.3						26	
29	31.5	30.3	25	38.6	32.3		36.3			31.3			26			29	
32	29.3	28.6	24	38.6	31.4		35.6	29.3		31.1			26			32	
35	27.1	27	23.1	38	30.4		34.9	29.3		30.8			26			35	
38	25.3	25.4	22.2	37.1	29.5	23.5	34.2	28.8		30.3	27		25.9			38	
44	21.8	21.8	19.9	35.2	27.9	22.8	32.8	27.3	22.2	29.4	26.1	21.8	25.4	23.8		44	
50	19.1	19.4	18.4	33.5	26.4	21.9	31.4	26.1	21.7	28.5	25	21.3	24.9	23.3	20.2	50	
56	17	17.9	17.4	31.7	25.2	21.2	30.2	24.9	21	27.6	24.1	20.6	24.3	22.5	19.8	56	
62	15.2	16.8	11.6	29.9	24	20.5	29	23.9	20.4	26.7	23.2	20.1	23.7	21.8	19.4	62	
68				28	23	20	27.7	23	19.9	25.8	22.3	19.6	22.9	21.2	18.9	68	
74				26.1	22.1	19.4	26.3	22.1	19.4	24.8	21.6	19.1	21.7	20.5	18.5	74	
80				24.3	21.2	19	25	21.3	19	23.6	21	18.8	20.6	19.7	18.2	80	
86				22.6	20.4	18.5	23.6	20.6	18.6	22.1	20.2	18.4	19.4	18.8	17.7	86	
92				21	19.6	18	22.3	19.9	18.2	20.6	19.4	18	18.2	17.9	17.3	92	
98				19.7	18.8	17.6	20.8	19.3	17.8	19.2	18.6	17.7	17	17	16.9	98	
104				18.5	18.1	17.3	19.2	18.6	17.5	17.6	17.8	17.4	15.8	15.9	16	104	
110				17.4	17.5	17	17.3	17.8	17.1	16	16.7	16.7	14.8	14.9	15	110	
116				16.2	16.6	16.6	15.6	16.3	16.4	14.6	15.2	15.5	13.9	14	14.1	116	
122				14.9	15.2	12.1	14.1	14.7	15	13.6	13.7	14	12.7	13.1	13.3	122	
128				13.6	13.8		12.7	13.2	13.4	12.5	12.7	12.9	11.4	12	12.3	128	
134				12	12.6		11.4	11.8	10.8	11.2	11.8	12	10.5	10.8	11.1	134	
140							10.3	10.7		10.1	10.6	10.8	9.9	9.9	10	140	
146							9.4	9.6		9.3	9.6	9.4	9.3	9.4	9.5	146	
152										8.5	8.8		8.6	8.8	8.9	152	
158										7.8	8		7.8	8.2	8.3	158	
164										7.5	7.7		7	7.3	7.3	164	
170													6.4	6.5		170	
176													6.1	6.2		176	

TAB 1825371 / 1825091 / 1825111

Lifting capacities on the hydraulically or mechanically variable folding jib

43 – 197 ft  35 ft   360°  92600 lbs  85% 																
 ft	166 ft			170 ft			180 ft			184 ft			197 ft			ft 
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
32	18			19.4												32
35	18			19.4			15.8			16.3						35
38	18			19.4			15.8			16.3			13.6			38
44	18	18		19.4	19.4		15.8			16.3			13.6			44
50	18	17.7		19.4	19.4		15.8	15.8		16.3	16.3		13.6			50
56	17.6	17.1	16.1	19.4	19.4	18.5	15.8	15.8		16.3	16.3		13.6	13.6		56
62	16.9	16.4	15.7	19.3	19.4	18.4	15.6	15.5	14.9	16.1	16.1	15.6	13.6	13.5	13.1	62
68	16.1	15.6	15.1	19	19	18.1	15.3	15	14.7	15.8	15.6	15.4	13.5	13.4	13.1	68
74	15.3	14.9	14.5	18.4	18.1	17.7	14.7	14.4	14.1	15.4	15.1	14.9	13.2	13.1	13	74
80	14.5	14.1	13.9	17.5	17.1	17	14.1	13.7	13.6	14.9	14.5	14.4	12.8	12.8	12.8	80
86	13.7	13.4	13.3	16.6	16.3	16.2	13.5	13.1	13	14.2	14	13.9	12.5	12.3	12.3	86
92	12.9	12.8	12.7	15.7	15.5	15.4	12.8	12.5	12.4	13.5	13.4	13.3	11.9	11.9	11.9	92
98	12.2	12	12	14.8	14.6	14.6	12.2	12	11.9	12.9	12.7	12.7	11.5	11.4	11.4	98
104	11.4	11.4	11.5	14	13.9	13.9	11.5	11.4	11.4	12.2	12.1	12.2	11	10.9	11	104
110	10.6	10.7	10.8	13.2	13.1	13.2	10.9	10.8	10.9	11.6	11.5	11.6	10.4	10.4	10.5	110
116	9.9	10	10.2	12.4	12.4	12.5	10.2	10.2	10.3	11	10.9	11	9.9	10	10.1	116
122	9.3	9.4	9.6	11.7	11.7	11.9	9.6	9.7	9.8	10.4	10.4	10.5	9.3	9.5	9.6	122
128	8.7	8.9	9	11	11	11.2	9.1	9.1	9.3	9.9	9.9	10	8.7	8.9	9.2	128
134	8.1	8.3	8.5	10.3	10.4	10.6	8.6	8.7	8.8	9.4	9.4	9.5	8.1	8.4	8.6	134
140	7.6	7.8	7.9	9.5	9.8	9.9	8.1	8.2	8.3	8.9	8.9	9	7.6	7.9	8.1	140
146	7.2	7.3	7.5	8.6	9	9.2	7.6	7.8	7.9	8.4	8.5	8.6	7.2	7.4	7.6	146
152	6.8	6.9	7	8	8.2	8.5	7.2	7.4	7.5	7.8	8	8.2	6.8	7	7.2	152
158	6.4	6.5	6.6	7.6	7.6	7.7	6.9	7	7.1	7.2	7.6	7.7	6.4	6.6	6.8	158
164	6	6.1	6.2	7.2	7.3	7.3	6.6	6.7	6.8	6.5	6.9	7.2	6	6.2	6.4	164
170	5.7	5.8	5.9	6.8	6.9	7	6.3	6.4	6.4	5.8	6.2	6.4	5.6	5.8	6	170
176	5.4	5.5	5.4	6.1	6.4	6.4	5.9	6	6.1	5.1	5.5	5.6	4.9	5.3	5.6	176
182	5.1	5.2		5.4	5.7		5.4	5.6	5.7	4.4	4.7	4.9	4.3	4.7	4.9	182
188	4.9			4.8	5		4.8	5.1	5.1	3.8	4.1	4.2	3.7	4	4.2	188
194							4.3	4.4		3.2	3.5		3.1	3.4	3.5	194
200													2.6	2.8		200

TAB 1825371 / 1825091 / 1825111

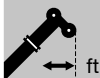
Lifting capacities on the hydraulically or mechanically variable folding jib

42 – 197 ft 62 ft  360°  92600 lbs 85%																			
 ft	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	17.2																		14
17	17.1			14.2															17
20	16.5			14.2			13.3												20
23	15.9			14			13.3												23
26	15.4			13.9			13.3			12.4									26
29	14.8	11.6		13.6			13.2			12.4			11.9						29
32	14.2	11.6		13.4			13			12.3			11.8			11.6			32
35	13.6	11.3		13.2			12.8			12.2			11.7			11.6			35
38	13.1	10.9		12.9			12.6			12			11.6			11.6			38
44	12.1	10.2		12.4	10.2		12.2	9.9		11.7			11.3			11.3			44
50	11.2	9.7	8.7	11.9	9.9		11.8	9.8		11.3	9.6		11	9.6		11.1			50
56	10.5	9.2	8.4	11.5	9.6	8.3	11.4	9.6		11	9.5		10.8	9.4		10.8	9.4		56
62	9.8	8.9	8.2	11.1	9.3	8.3	11	9.3	8	10.7	9.3	8	10.5	9.2		10.5	9.3		62
68	9	8.6	8	10.6	9.1	8.2	10.6	9.1	8	10.4	9.1	8	10.2	9	8	10.2	9.1	8	68
74	8.3	8.3	7.9	10.2	8.9	8	10.3	8.9	8	10.1	8.9	8	9.9	8.8	8	10	8.9	8	74
80	7.7	8.1	7.9	9.8	8.7	7.9	9.9	8.7	7.9	9.8	8.7	7.9	9.7	8.7	7.9	9.8	8.7	7.9	80
86	7.1	7.9		9.4	8.5	7.8	9.6	8.5	7.8	9.6	8.5	7.8	9.5	8.5	7.8	9.6	8.6	7.8	86
92				9.1	8.3	7.8	9.3	8.4	7.8	9.3	8.4	7.8	9.2	8.4	7.8	9.4	8.4	7.8	92
98				8.8	8.2	7.8	9	8.2	7.7	9.1	8.2	7.7	9.1	8.2	7.7	9.2	8.3	7.7	98
104				8.5	8	7.7	8.7	8.1	7.7	8.8	8.1	7.7	8.9	8.1	7.7	9	8.2	7.7	104
110				8.1	8	7.7	8.4	8	7.7	8.6	8	7.7	8.7	8	7.7	8.8	8.1	7.7	110
116				7.7	7.8	7.7	8.1	7.9	7.7	8.3	7.9	7.7	8.5	7.9	7.7	8.7	8	7.6	116
122				7.4	7.7	7.7	7.8	7.9	7.7	8.1	7.8	7.7	8.3	7.9	7.7	8.5	7.9	7.6	122
128				7.1	7.5	7.7	7.5	7.7	7.7	7.8	7.7	7.7	8	7.8	7.7	8.3	7.9	7.6	128
134				6.8	7.3	7.4	7.2	7.6	7.7	7.5	7.6	7.6	7.8	7.6	7.6	8.1	7.8	7.6	134
140				6.5	6.9		6.9	7.4	7.6	7.2	7.4	7.5	7.5	7.5	7.5	7.9	7.7	7.6	140
146				6.3			6.7	7.2	7.4	6.9	7	7.2	7.3	7.3	7.4	7.7	7.6	7.6	146
152							6.5	7		6.6	6.7	6.9	7	7.1	7.3	7.5	7.5	7.6	152
158							6.3	6.8		6.3	6.4	6.6	6.8	6.8	7	7.2	7.4	7.5	158
164							6.1	6.6		6	6.1	6.3	6.5	6.6	6.7	7	7.2	7.4	164
170										5.7	5.9		6.2	6.3	6.5	6.7	6.9	7.1	170
176										5.5	5.6		6	6.1	6.3	6.5	6.6	6.8	176
182													5.8	5.9		5.9	6.3	6.5	182
188													5.6	5.7		5.3	5.8	5.9	188
194																4.8	5.1		194

TAB 1825371 / 1825091 / 1825111

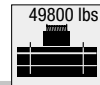
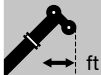
TAB 1825371 / 1825091 / 1825111

Lifting capacities on the hydraulically or mechanically variable folding jib

     85%																
 ft	166 ft			170 ft			180 ft			184 ft			197 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
35	9.9			10.7												35
38	9.9			10.7			9.2			9.5						38
44	9.9			10.5			9.2			9.4			8.5			44
50	9.8			10.4			9.2			9.3			8.4			50
56	9.6	8.5		10.2	9.2		9.1			9.2			8.3			56
62	9.5	8.5		10	9.1		9	8.4		9.1	8.5		8.3			62
68	9.3	8.5		9.8	8.9		8.9	8.4		9	8.4		8.2	7.8		68
74	9.1	8.5	7.8	9.6	8.8	7.8	8.8	8.3		8.8	8.3		8.2	7.8		74
80	9	8.4	7.8	9.4	8.6	7.8	8.7	8.2	7.5	8.7	8.2	7.7	8.1	7.8		80
86	8.9	8.3	7.7	9.2	8.5	7.8	8.5	8.1	7.5	8.6	8.1	7.6	8	7.7	7.5	86
92	8.7	8.2	7.7	9.1	8.3	7.7	8.4	8	7.5	8.5	8	7.6	7.9	7.7	7.5	92
98	8.6	8	7.6	8.9	8.2	7.7	8.3	7.9	7.5	8.4	7.9	7.5	7.8	7.6	7.4	98
104	8.5	8	7.6	8.8	8.1	7.7	8.2	7.8	7.5	8.3	7.8	7.5	7.8	7.5	7.4	104
110	8.3	7.9	7.6	8.6	8	7.6	8.1	7.8	7.5	8.1	7.8	7.5	7.7	7.5	7.4	110
116	8.1	7.8	7.6	8.5	7.9	7.6	8	7.7	7.5	8.1	7.7	7.5	7.6	7.4	7.4	116
122	7.8	7.7	7.6	8.4	7.8	7.6	7.8	7.6	7.5	7.9	7.7	7.5	7.6	7.4	7.4	122
128	7.6	7.5	7.6	8.3	7.8	7.6	7.6	7.6	7.5	7.8	7.6	7.5	7.4	7.3	7.4	128
134	7.3	7.4	7.5	8.1	7.7	7.6	7.4	7.5	7.4	7.6	7.5	7.5	7.2	7.2	7.3	134
140	7	7.2	7.3	7.9	7.7	7.5	7.1	7.2	7.4	7.5	7.4	7.5	6.9	7.1	7.2	140
146	6.7	6.9	7.1	7.7	7.6	7.5	6.9	7	7.2	7.3	7.2	7.4	6.6	7	7.1	146
152	6.3	6.6	6.9	7.5	7.4	7.5	6.5	6.7	6.9	7	7	7.2	6.3	6.6	6.9	152
158	6	6.3	6.5	7.2	7.3	7.5	6.3	6.5	6.7	6.7	6.9	7	6	6.3	6.6	158
164	5.6	5.9	6.1	6.8	7.1	7.3	6	6.2	6.4	6.5	6.6	6.8	5.7	6	6.3	164
170	5.3	5.6	5.8	6.2	6.9	7.1	5.7	5.9	6.1	6.2	6.4	6.6	5.4	5.7	6	170
176	5.1	5.3	5.4	5.9	6.3	6.6	5.4	5.6	5.8	5.7	6.1	6.3	5.1	5.4	5.7	176
182	4.8	5	5.1	5.6	5.8	6	5.1	5.3	5.5	5.1	5.8	6	4.7	5.1	5.4	182
188	4.5	4.7	4.8	5.4	5.5	5.6	4.9	5.1	5.2	4.5	5.3	5.6	4.3	4.8	5	188
194	4.3	4.4	4.5	4.9	5.2	5.4	4.7	4.8	5	4	4.6	5	3.8	4.4	4.7	194
200	4	4.2		4.4	4.9		4.3	4.6	4.7	3.4	4	4.3	3.2	3.9	4.2	200
210				3.6			3.5	3.9	4	2.6	3.1	3.2	2.4	3	3.2	210

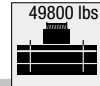
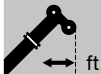
TAB 1825371 / 1825091 / 1825111

Lifting capacities on the hydraulically or mechanically variable folding jib

     85%																
 ft	42 ft			113 ft			127 ft			141 ft			156 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	38.6															12
14	38.6	37.6														14
17	38.5	37.2		38.6												17
20	37.7	35.5		38.6			37.1									20
23	35.7	33.7		38.6			37.1									23
26	33.6	32	26	38.6			36.9			31.3						26
29	31.5	30.3	25	38.6	32.3		36.3			31.3			26			29
32	29.3	28.6	24	38.6	31.4		35.6	29.3		31.1			26			32
35	27.1	27	23.1	38	30.4		34.9	29.3		30.8			26			35
38	25.3	25.4	22.2	37.1	29.5	23.5	34.2	28.8		30.3	27		25.9			38
44	21.8	21.8	19.9	35.2	27.9	22.8	32.8	27.3	22.2	29.4	26.1	21.8	25.4	23.8		44
50	19.1	19.4	18.4	33.5	26.4	21.9	31.4	26.1	21.7	28.5	25	21.3	24.9	23.3	20.2	50
56	17	17.9	17.4	31.1	25.2	21.2	29.3	24.9	21	27.1	24.1	20.6	24.3	22.5	19.8	56
62	15.2	16.8	11.6	27.8	24	20.5	26	23.9	20.4	24.8	23.2	20.1	22.9	21.8	19.4	62
68				24.2	23	20	22.5	22.8	19.9	21.8	22.2	19.6	20.8	20.8	18.9	68
74				21.1	21.8	19.4	19.5	21.1	19.4	18.9	20.5	19.1	18.7	19.2	18.5	74
80				18.5	19.8	18.9	17.1	18.4	18.8	16.7	17.9	18.3	16.4	17.7	17.9	80
86				16.3	17.5	18.2	15	16.2	17.2	15.6	15.7	16.7	14.8	15.5	16.6	86
92				14.5	15.4	16.2	13.8	14.2	15	14.5	14.2	14.7	13.9	13.8	14.6	92
98				12.8	13.7	14.3	12.9	12.7	13.2	13.4	13.3	13.3	12.5	13	13.1	98
104				11.4	12.1	12.7	12	11.9	12	12.1	12.5	12.5	11.1	11.9	12.3	104
110				10	10.7	11.1	11.2	11.1	11.2	10.8	11.5	11.9	9.9	10.7	11.2	110
116				8.8	9.4	9.7	10.3	10.4	10.5	9.7	10.3	10.8	8.8	9.5	10	116
122				7.7	8.2	8.3	9.3	9.7	9.8	8.7	9.3	9.6	7.8	8.4	8.9	122
128				6.6	7		8.4	8.8	9	7.8	8.3	8.6	6.9	7.5	7.9	128
134				5.7	6		7.5	7.8	8	6.9	7.4	7.6	6	6.6	6.9	134
140							6.6	6.9		6.1	6.5	6.7	5.3	5.8	6.1	140
146							5.9	6.1		5.3	5.7	5.8	4.6	5	5.3	146
152										4.6	4.9		3.9	4.3	4.4	152
158										4	4.2		3.2	3.6	3.7	158
164										3.4	3.6		2.6	2.9	2.9	164
170													2.1	2.3		170

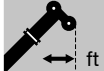
TAB 1825375 / 1825095 / 1825115

TAB 1825375 / 1825095 / 1825115

     85%																
 ft	166 ft			170 ft			180 ft			184 ft			197 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
32	18			19.4						16.3						32
35	18			19.4			15.8			16.3						35
38	18			19.4			15.8			16.3			13.6			38
44	18	18		19.4	19.4		15.8			16.3			13.6			44
50	18	17.7		19.4	19.4		15.8	15.8		16.3	16.3		13.6			50
56	17.6	17.1	16.1	19.4	19.4	18.5	15.8	15.8		16.3	16.3		13.6	13.6		56
62	16.9	16.4	15.7	19.3	19.4	18.4	15.6	15.5	14.9	16.1	16.1	15.6	13.6	13.5	13.1	62
68	16.1	15.6	15.1	18.8	19	18.1	15.3	15	14.7	15.8	15.6	15.4	13.5	13.4	13.1	68
74	15.3	14.9	14.5	17.5	18	17.7	14.7	14.4	14.1	15.4	15.1	14.9	13.2	13.1	13	74
80	14.5	14.1	13.9	15.7	16.6	16.9	14.1	13.7	13.6	14.8	14.5	14.4	12.8	12.8	12.8	80
86	13.7	13.4	13.3	14.7	14.6	15.6	13.5	13.1	13	13.3	13.9	13.9	12.4	12.3	12.3	86
92	12.9	12.8	12.7	13	13.8	13.7	12.7	12.5	12.4	11.5	12.8	13.3	11.2	11.9	11.9	92
98	12.2	12	12	11.4	12.5	13	11.2	12	11.9	10.1	11.2	12.1	9.7	10.8	11.4	98
104	10.9	11.4	11.5	10.1	11	11.8	9.9	10.8	11.4	8.7	9.8	10.6	8.4	9.5	10.3	104
110	9.6	10.4	10.8	8.9	9.7	10.4	8.7	9.6	10.3	7.6	8.5	9.3	7.2	8.2	9	110
116	8.5	9.3	9.8	7.8	8.6	9.2	7.6	8.4	9.1	6.5	7.4	8.1	6.2	7.1	7.8	116
122	7.5	8.2	8.7	6.8	7.5	8.1	6.6	7.4	8	5.5	6.4	7	5.2	6.1	6.7	122
128	6.6	7.3	7.7	5.9	6.6	7.1	5.8	6.5	7	4.6	5.4	6	4.4	5.2	5.8	128
134	5.8	6.4	6.8	5.1	5.7	6.1	5	5.6	6.1	3.8	4.5	5.1	3.6	4.3	4.9	134
140	5.1	5.6	5.9	4.4	4.9	5.3	4.2	4.8	5.2	3.1	3.8	4.2	2.9	3.6	4	140
146	4.4	4.9	5.2	3.7	4.2	4.5	3.6	4.1	4.5		3.1	3.4		2.8	3.3	146
152	3.8	4.2	4.4	3.1	3.5	3.8	2.9	3.4	3.7			2.7				152
158	3.1	3.5	3.7		2.9	3.1		2.8	3.1							158
164	2.5	2.9	3		2.3	2.4		2.3	2.5							164
170	2	2.3	2.3													170

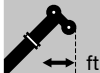
TAB 1825375 / 1825095 / 1825115

Lifting capacities on the hydraulically or mechanically variable folding jib

42 – 197 ft 62 ft  360° 49800 lbs 85%																			
 ft	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	17.2																		14
17	17.1			14.2															17
20	16.5			14.2			13.3												20
23	15.9			14			13.3												23
26	15.4			13.9			13.3			12.4									26
29	14.8	11.6		13.6			13.2			12.4			11.9						29
32	14.2	11.6		13.4			13			12.3			11.8			11.6			32
35	13.6	11.3		13.2			12.8			12.2			11.7			11.6			35
38	13.1	10.9		12.9			12.6			12			11.6			11.6			38
44	12.1	10.2		12.4	10.2		12.2	9.9		11.7			11.3			11.3			44
50	11.2	9.7	8.7	11.9	9.9		11.8	9.8		11.3	9.6		11	9.6		11.1			50
56	10.5	9.2	8.4	11.5	9.6	8.3	11.4	9.6		11	9.5		10.8	9.4		10.8	9.4		56
62	9.8	8.9	8.2	11.1	9.3	8.3	11	9.3	8	10.7	9.3	8	10.5	9.2		10.5	9.3		62
68	9	8.6	8	10.6	9.1	8.2	10.6	9.1	8	10.4	9.1	8	10.2	9	8	10.2	9.1	8	68
74	8.3	8.3	7.9	10.2	8.9	8	10.3	8.9	8	10.1	8.9	8	9.9	8.8	8	10	8.9	8	74
80	7.7	8.1	7.9	9.8	8.7	7.9	9.9	8.7	7.9	9.8	8.7	7.9	9.7	8.7	7.9	9.8	8.7	7.9	80
86	7.1	7.9		9.4	8.5	7.8	9.6	8.5	7.8	9.6	8.5	7.8	9.5	8.5	7.8	9.6	8.6	7.8	86
92				9.1	8.3	7.8	9.3	8.4	7.8	9.3	8.4	7.8	9.2	8.4	7.8	9.4	8.4	7.8	92
98				8.8	8.2	7.8	9	8.2	7.7	9.1	8.2	7.7	9.1	8.2	7.7	9.2	8.3	7.7	98
104				8.5	8	7.7	8.7	8.1	7.7	8.8	8.1	7.7	8.9	8.1	7.7	9	8.2	7.7	104
110				8.1	8	7.7	8.4	8	7.7	8.6	8	7.7	8.7	8	7.7	8.8	8.1	7.7	110
116				7.7	7.8	7.7	8.1	7.9	7.7	8.3	7.9	7.7	8.5	7.9	7.7	8.6	8	7.6	116
122				7.4	7.7	7.7	7.8	7.9	7.7	8.1	7.8	7.7	8.3	7.9	7.7	8.1	7.9	7.6	122
128				7.1	7.5	7.7	7.5	7.7	7.7	7.8	7.7	7.7	8	7.8	7.7	7.3	7.8	7.6	128
134				6.8	7.3	7.4	7.2	7.6	7.7	7.5	7.6	7.6	7.6	7.6	7.6	6.5	7.5	7.6	134
140				6.5	6.9		6.9	7.4	7.6	7.2	7.4	7.5	6.9	7.4	7.5	5.8	6.8	7.4	140
146				6.3			6.7	7.2	7.4	6.8	7	7.2	6.2	7	7.3	5.1	6	6.7	146
152							6.5	7		6.1	6.6	6.8	5.5	6.3	6.7	4.5	5.3	5.9	152
158							6.2	6.5		5.4	6	6.2	4.9	5.6	6	3.9	4.7	5.2	158
164							5.6	5.7		4.8	5.3	5.3	4.2	4.9	5.2	3.4	4.1	4.5	164
170										4.3	4.6		3.7	4.2	4.4	2.8	3.5	3.9	170
176										3.8	3.9		3.2	3.6	3.7	2.3	2.9	3.2	176
182													2.7	3		1.8	2.3	2.5	182
188													2.3	2.5				1.9	188

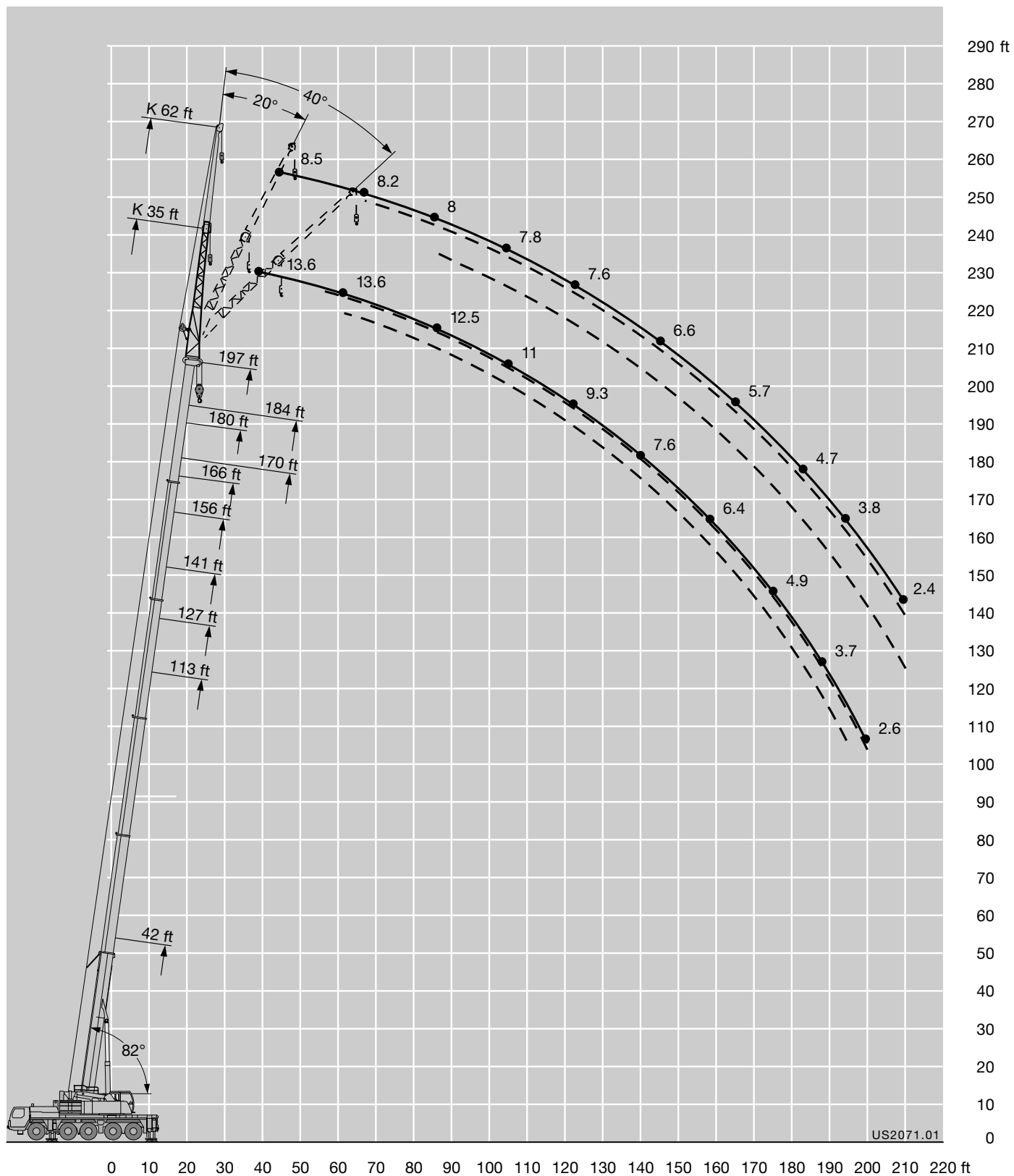
TAB 1825375 / 1825095 / 1825115

Lifting capacities on the hydraulically or mechanically variable folding jib

     85%																
 ft	166 ft			170 ft			180 ft			184 ft			197 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
35	9.9			10.7												35
38	9.9			10.7			9.2			9.5						38
44	9.9			10.5			9.2			9.4			8.5			44
50	9.8			10.4			9.2			9.3			8.4			50
56	9.6	8.5		10.2	9.2		9.1			9.2			8.3			56
62	9.5	8.5		10	9.1		9	8.4		9.1	8.5		8.3			62
68	9.3	8.5		9.8	8.9		8.9	8.4		9	8.4		8.2	7.8		68
74	9.1	8.5	7.8	9.6	8.8	7.8	8.8	8.3		8.8	8.3		8.2	7.8		74
80	9	8.4	7.8	9.4	8.6	7.8	8.7	8.2	7.5	8.7	8.2	7.7	8.1	7.8		80
86	8.9	8.3	7.7	9.2	8.5	7.8	8.5	8.1	7.5	8.6	8.1	7.6	8	7.7	7.5	86
92	8.7	8.2	7.7	9.1	8.3	7.7	8.4	8	7.5	8.5	8	7.6	7.9	7.7	7.5	92
98	8.6	8	7.6	8.9	8.2	7.7	8.3	7.9	7.5	8.4	7.9	7.5	7.8	7.6	7.4	98
104	8.5	8	7.6	8.8	8.1	7.7	8.2	7.8	7.5	8.3	7.8	7.5	7.8	7.5	7.4	104
110	8.3	7.9	7.6	8.5	8	7.6	8.1	7.8	7.5	7.8	7.8	7.5	7.4	7.5	7.4	110
116	8.1	7.8	7.6	8	7.9	7.6	7.8	7.7	7.5	7	7.7	7.5	6.6	7.4	7.4	116
122	7.7	7.7	7.6	7.3	7.8	7.6	7	7.6	7.5	6	7.4	7.5	5.7	7	7.4	122
128	7.1	7.5	7.6	6.4	7.5	7.6	6.2	7.3	7.5	5.2	6.6	7.4	4.8	6.3	7.2	128
134	6.3	7.2	7.5	5.6	6.8	7.4	5.4	6.6	7.3	4.4	5.7	6.8	4	5.4	6.5	134
140	5.5	6.6	7.2	4.8	6	6.9	4.7	5.8	6.7	3.7	4.9	5.9	3.3	4.6	5.7	140
146	4.8	5.8	6.6	4.2	5.2	6	4	5.1	5.9	3	4.2	5.1	2.7	3.9	4.8	146
152	4.2	5.1	5.8	3.6	4.5	5.2	3.4	4.4	5.1		3.5	4.3		3.2	4.1	152
158	3.6	4.5	5.1	3	3.9	4.5	2.8	3.7	4.4		2.8	3.6		2.6	3.4	158
164	3.1	3.9	4.4	2.5	3.3	3.8	2.3	3.1	3.7		2.2	2.9		2	2.7	164
170	2.6	3.3	3.7	2	2.7	3.2		2.6	3.1			2.3			2.1	170
176	2.1	2.8	3.2		2.2	2.6		2.1	2.5							176
182		2.3	2.6			2.1			2							182
188			2													188

TAB 1825375 / 1825095 / 1825115

Lifting heights



Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

																								
 ft	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			197 ft + 23 ft			 ft		
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft					
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
12	14.6																					12		
14	14.5																					14		
17	14.4	14.6																				17		
20	14.3	14.5																				20		
23	14.1	14.4																				23		
26	13.6	13.9																				26		
29	13.1	13.2	13.3																			29		
32	12.6	12.5	12.8	14.6																		32		
35	12	11.9	12.1	14.6			12.1			12.6												35		
38	11.4	11.4	11.4	14.5			12.1			12.6			10.7			11.2						38		
44	10.2	10.3	10.4	14.4			12.1			12.6			10.7			11.2			9.5			44		
50	9	9.4	9.5	14.3	13.8		12.1	12.1		12.6	12.6		10.7			11.1			9.4			50		
56	7.9	8.5	8.8	14.1	13.4	12.4	12.1	12		12.6	12.6		10.7	10.7		11.1	11.2		9.4	9.5		56		
62	7	7.7	8.1	13.8	12.8	12.1	12.1	11.7	10.7	12.5	12.3	11.2	10.7	10.7	10.2	11.1	11.2	10.7	9.4	9.5		62		
68	6.3	6.8	7.3	13.3	12.2	11.5	11.9	11.2	10.6	12.3	11.8	11.1	10.7	10.6	10.1	11	11	10.6	9.4	9.5	9.2	68		
74	5.6	6	6.3	12.7	11.7	11	11.5	10.8	10.2	12	11.4	10.8	10.6	10.3	9.9	10.9	10.7	10.3	9.4	9.4	9.2	74		
80	4.9	5.3	5.6	12.2	11.2	10.6	11.1	10.3	9.9	11.7	11	10.4	10.4	10	9.6	10.7	10.4	10	9.3	9.3	9.2	80		
86	4.5			11.7	10.7	10.1	10.6	9.9	9.5	11.3	10.5	10	10.1	9.7	9.3	10.6	10.1	9.7	9.1	9.2	9	86		
92				11.1	10.3	9.8	10.1	9.5	9.2	10.9	10.1	9.7	9.7	9.3	9.1	10.3	9.7	9.4	9	8.9	8.7	92		
98				10.6	9.9	9.5	9.6	9.2	8.9	10.4	9.8	9.3	9.4	9	8.8	9.9	9.4	9.1	8.8	8.7	8.5	98		
104				10	9.5	9.2	9.1	8.9	8.7	10	9.4	9.1	9	8.7	8.6	9.5	9.2	8.9	8.6	8.5	8.3	104		
110				9.4	9.1	8.8	8.7	8.6	8.4	9.5	9.1	8.8	8.6	8.5	8.3	9.1	8.9	8.7	8.3	8.2	8.1	110		
116				8.9	8.7	8.6	8.3	8.2	8.2	9	8.7	8.6	8.2	8.2	8.1	8.7	8.6	8.5	8	7.9	7.9	116		
122				8.3	8.3	8.3	7.9	7.9	7.9	8.5	8.4	8.3	7.9	7.9	7.9	8.4	8.4	8.3	7.7	7.7	7.7	122		
128				7.9	7.9	8	7.4	7.5	7.6	8.1	8.1	8	7.5	7.6	7.6	8	8.1	8	7.4	7.4	7.4	128		
134				7.5	7.6	7.7	7	7.2	7.3	7.7	7.7	7.8	7.2	7.3	7.4	7.7	7.7	7.8	7	7.1	7.2	134		
140				7.1	7.2	7.3	6.7	6.8	7	7.3	7.4	7.5	6.9	7	7.1	7.3	7.4	7.5	6.7	6.8	6.9	140		
146				6.7	6.8	6.9	6.3	6.5	6.6	7	7.1	7.2	6.5	6.7	6.8	7	7.1	7.2	6.3	6.5	6.6	146		
152				6.3	6.4	6.5	5.9	6.1	6.2	6.6	6.7	6.8	6.2	6.3	6.5	6.7	6.8	6.9	6	6.2	6.3	152		
158				6	6.1	6.2	5.6	5.7	5.9	6.3	6.4	6.5	5.9	6	6.2	6.4	6.5	6.6	5.6	5.8	6	158		
164				5.7	5.8	5.9	5.3	5.4	5.5	6	6.1	6.2	5.6	5.7	5.8	6.1	6.2	6.3	5.3	5.5	5.7	164		
170				5.4	5.5	5.5	5	5.1	5.2	5.8	5.8	5.9	5.3	5.4	5.5	5.5	5.9	6	5	5.2	5.4	170		
176				5.1	5.2	5.2	4.7	4.8	4.9	5.5	5.6	5.6	5.1	5.1	5.2	4.9	5.3	5.6	4.6	4.9	5	176		
182				4.9	4.9	5	4.4	4.5	4.5	5.2	5.3	5.4	4.8	4.9	5	4.3	4.7	5	4	4.4	4.7	182		
188				4.6	4.7		4.1	4.2	4.2	4.7	5	5	4.5	4.6	4.7	3.7	4.1	4.3	3.5	3.9	4.1	188		
194				4.4	4.5		3.9	4	4	4.1	4.4	4.5	4.1	4.3	4.4	3.1	3.5	3.6	2.9	3.3	3.5	194		
200										3.6	3.8		3.5	3.8	3.9	2.6	2.9	3		2.8	3	200		
210													2.7	2.9								210		

TAB 1825431 / 1825151 / 1825171

Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

																															
 ft	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			194 ft + 23 ft			 ft									
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft												
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°										
14	9.2																					14									
17	9.2																					17									
20	9.1																					20									
23	9.1																					23									
26	9																					26									
29	8.9																					29									
32	8.8																					32									
35	8.7	8.5																				35									
38	8.6	8.5		9																		38									
44	8.2	8.2		9			7.8			8			7.3			7.5						44									
50	7.7	7.7	7.5	9			7.8			8			7.3			7.5			6.6			50									
56	7.2	7.2	7.3	9			7.8			8			7.3			7.5			6.6			56									
62	6.7	6.8	7	8.9	8.3		7.8			8			7.3			7.5			6.6			62									
68	6.2	6.3	6.5	8.8	8.3		7.8	7.8		8	7.8		7.3	7		7.4	7.3		6.6			68									
74	5.8	5.9	6.1	8.7	8.2		7.8	7.7		8	7.8		7.3	7		7.4	7.3		6.6	6.3		74									
80	5.3	5.6	5.8	8.5	8	7.3	7.8	7.5	6.8	8	7.7	7	7.3	7		7.4	7.3		6.6	6.3		80									
86	4.9	5.3	5.5	8.4	7.7	7.3	7.7	7.3	6.8	8	7.6	7	7.3	7	6.6	7.3	7.3	6.8	6.6	6.3		86									
92	4.4	4.9	5.2	8.1	7.4	7	7.6	7	6.7	7.9	7.3	6.9	7.2	6.9	6.5	7.3	7.1	6.8	6.5	6.3		92									
98	4	4.6	4.9	7.8	7.1	6.8	7.3	6.8	6.5	7.7	7.1	6.7	7.1	6.7	6.4	7.2	6.9	6.6	6.5	6.3	6.1	98									
104	3.6	4	4.3	7.5	6.9	6.6	7.1	6.6	6.3	7.5	6.9	6.5	6.9	6.5	6.2	7.1	6.7	6.4	6.5	6.3	6	104									
110	3.3	3.6	4.2	7.2	6.7	6.4	6.9	6.4	6.1	7.2	6.6	6.4	6.8	6.3	6.1	7	6.5	6.3	6.4	6.1	5.9	110									
116	3	3.2		7	6.5	6.2	6.6	6.2	6	6.9	6.4	6.2	6.6	6.1	5.9	6.8	6.3	6.1	6.3	5.9	5.8	116									
122				6.7	6.3	6.1	6.4	6	5.8	6.7	6.2	6	6.3	5.9	5.7	6.6	6.1	5.9	6.1	5.8	5.6	122									
128				6.5	6.1	5.9	6.2	5.8	5.7	6.5	6.1	5.9	6.1	5.8	5.6	6.4	6	5.8	6	5.7	5.5	128									
134				6.3	5.9	5.7	6	5.6	5.5	6.3	5.9	5.7	5.9	5.6	5.5	6.2	5.8	5.7	5.8	5.5	5.4	134									
140				6.1	5.7	5.6	5.8	5.5	5.4	6.1	5.7	5.6	5.8	5.5	5.4	6	5.7	5.6	5.7	5.4	5.3	140									
146				5.8	5.6	5.5	5.6	5.3	5.3	5.9	5.6	5.5	5.6	5.3	5.2	5.9	5.5	5.4	5.5	5.3	5.2	146									
152				5.6	5.4	5.3	5.4	5.2	5.1	5.7	5.4	5.3	5.4	5.2	5.1	5.7	5.4	5.3	5.3	5.1	5.1	152									
158				5.3	5.2	5.2	5.1	5.1	5	5.5	5.3	5.3	5.3	5.1	5	5.5	5.3	5.2	5.1	5	5	158									
164				5.1	5.1	5.1	4.9	4.9	4.9	5.3	5.1	5.1	5	4.9	4.9	5.4	5.2	5.1	4.9	4.9	4.9	164									
170				4.9	4.9	5	4.6	4.7	4.7	5.1	5	5	4.8	4.8	4.8	5.1	5	5	4.7	4.7	4.8	170									
176				4.6	4.8	4.9	4.3	4.5	4.6	4.9	4.8	4.9	4.6	4.7	4.7	4.9	4.9	4.9	4.6	4.6	4.7	176									
182				4.4	4.6	4.7	4	4.2	4.4	4.6	4.7	4.8	4.3	4.5	4.6	4.6	4.7	4.8	4.4	4.5	4.6	182									
188				4.2	4.3	4.4	3.8	4	4.2	4.4	4.5	4.6	4.1	4.2	4.4	4.2	4.6	4.7	3.9	4.3	4.5	188									
194				3.9	4.1	4.2	3.6	3.8	3.9	4.2	4.3	4.5	3.9	4	4.2	3.6	4.3	4.5	3.5	4.1	4.3	194									
200				3.7	3.8	4	3.3	3.6	3.7	4	4.2	4.3	3.7	3.8	4	3.2	3.8	4.2	3	3.7	4	200									
210				3.4	3.5		3	3.2	3.2	3.4	3.8	3.9	3.2	3.5	3.6	2.4	3	3.3	2.3	2.9	3.2	210									
220							2.7	2.8		2.6	3		2.5	3	3.1							220									
230							2.4				2.2				2.2	2.2						230									

TAB 1825431 / 1825151 / 1825171

Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

     85%																						
 ft	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			197 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	14.6																					12
14	14.5																					14
17	14.4	14.6																				17
20	14.3	14.5																				20
23	14.1	14.4																				23
26	13.6	13.9																				26
29	13.1	13.2	13.3																			29
32	12.6	12.5	12.8	14.6																		32
35	12	11.9	12.1	14.6			12.1			12.6												35
38	11.4	11.4	11.4	14.5			12.1			12.6			10.7			11.2						38
44	10.2	10.3	10.4	14.4			12.1			12.6			10.7			11.2			9.5			44
50	9	9.4	9.5	14.3	13.8		12.1	12.1		12.6	12.6		10.7			11.1			9.4			50
56	7.9	8.5	8.8	14.1	13.4	12.4	12.1	12		12.6	12.6		10.7	10.7		11.1	11.2		9.4	9.5		56
62	7	7.7	8.1	13.8	12.8	12.1	12.1	11.7	10.7	12.5	12.3	11.2	10.7	10.7	10.2	11.1	11.2	10.7	9.4	9.5		62
68	6.3	6.8	7.3	13.3	12.2	11.5	11.9	11.2	10.6	12.3	11.8	11.1	10.7	10.6	10.1	11	11	10.6	9.4	9.5	9.2	68
74	5.6	6	6.3	12.7	11.7	11	11.5	10.8	10.2	12	11.4	10.8	10.6	10.3	9.9	10.9	10.7	10.3	9.4	9.4	9.2	74
80	4.9	5.3	5.6	12.2	11.2	10.6	11.1	10.3	9.9	11.7	11	10.4	10.4	10	9.6	10.7	10.4	10	9.3	9.3	9.2	80
86	4.5			11.7	10.7	10.1	10.6	9.9	9.5	11.3	10.5	10	10.1	9.7	9.3	10.6	10.1	9.7	9.1	9.2	9	86
92				11.1	10.3	9.8	10.1	9.5	9.2	10.9	10.1	9.7	9.7	9.3	9.1	10.3	9.7	9.4	9	8.9	8.7	92
98				10.6	9.9	9.5	9.6	9.2	8.9	10.4	9.8	9.3	9.4	9	8.8	9.6	9.4	9.1	8.8	8.7	8.5	98
104				10	9.5	9.2	9.1	8.9	8.7	9.6	9.4	9.1	9	8.7	8.6	8.4	9.2	8.9	7.9	8.5	8.3	104
110				9.4	9.1	8.8	8.7	8.6	8.4	8.5	9.1	8.8	8.2	8.5	8.3	7.2	8.2	8.7	6.8	7.8	8.1	110
116				8.4	8.7	8.6	8	8.2	8.2	7.4	8.3	8.6	7.2	7.9	8.1	6.2	7.1	7.8	5.8	6.8	7.4	116
122				7.4	8	8.3	7.2	7.7	7.9	6.5	7.2	7.8	6.2	7.1	7.5	5.2	6.1	6.7	4.9	5.8	6.5	122
128				6.5	7.2	7.7	6.3	7	7.4	5.6	6.3	6.9	5.4	6.1	6.7	4.3	5.2	5.8	4	4.9	5.5	128
134				5.7	6.3	6.8	5.4	6.1	6.6	4.8	5.5	6	4.6	5.3	5.8	3.6	4.3	4.9	3.2	4	4.6	134
140				5	5.5	5.9	4.7	5.3	5.7	4	4.7	5.1	3.9	4.5	5	2.8	3.5	4		3.3	3.8	140
146				4.3	4.8	5.1	4	4.6	4.9	3.4	3.9	4.3	3.2	3.8	4.2		2.8	3.3			3	146
152				3.7	4.1	4.4	3.4	3.9	4.2	2.7	3.3	3.6	2.6	3.1	3.5							152
158				3.1	3.5	3.7	2.8	3.3	3.6		2.7	3		2.5	2.9							158
164				2.5	2.9	3.1	2.3	2.7	3		2.1	2.4		1.9	2.3							164
170				2	2.4	2.5		2.2	2.4													170
176						1.9																176

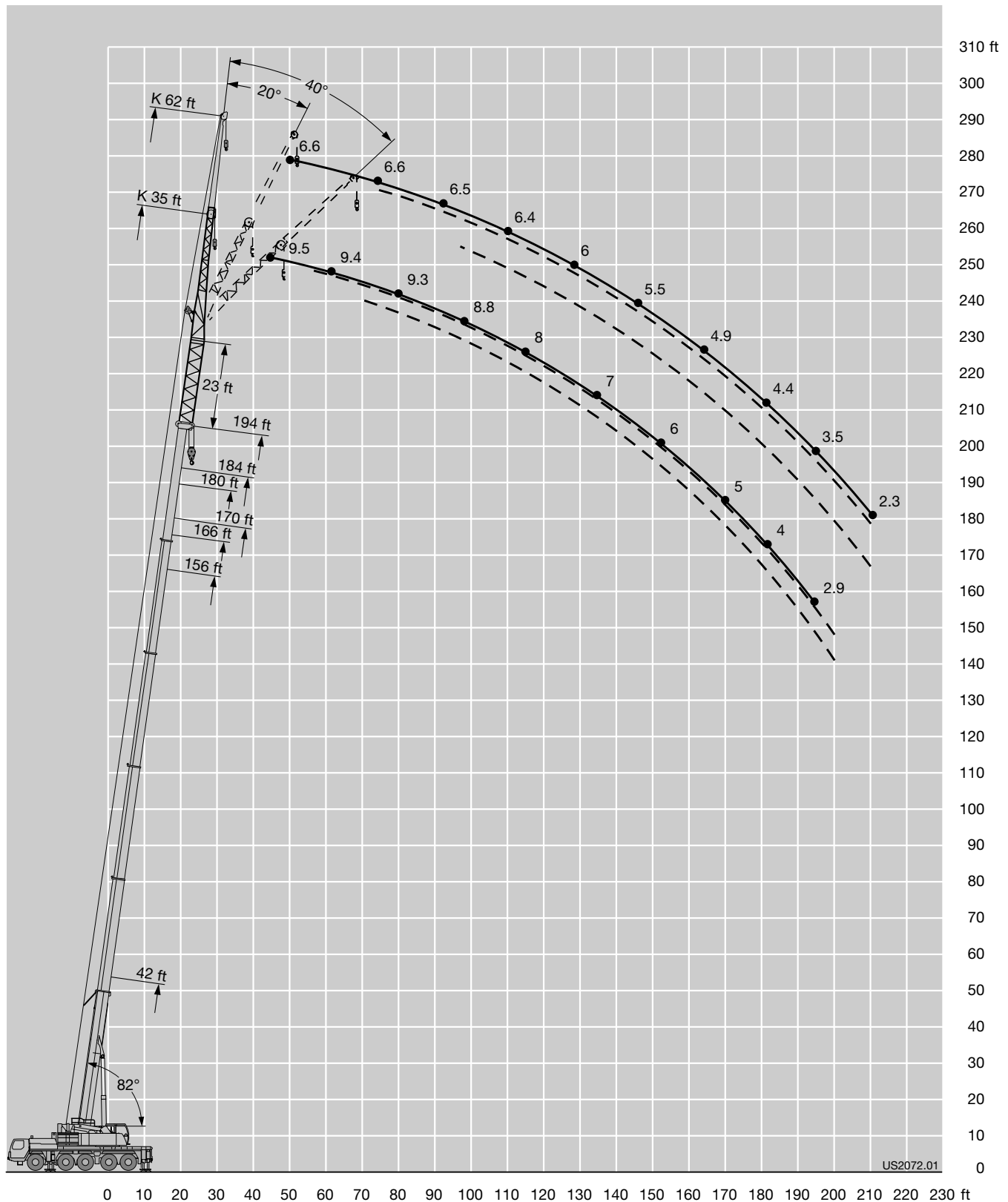
TAB 1825435 / 1825155 / 1825175

Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

      85%																						
 ft	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			194 ft + 23 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	9.2																					14
17	9.2																					17
20	9.1																					20
23	9.1																					23
26	9																					26
29	8.9																					29
32	8.8																					32
35	8.7	8.5																				35
38	8.6	8.5		9																		38
44	8.2	8.2		9			7.8			8			7.3			7.5						44
50	7.7	7.7	7.5	9			7.8			8			7.3			7.5			6.6			50
56	7.2	7.2	7.3	9			7.8			8			7.3			7.5			6.6			56
62	6.7	6.8	7	8.9	8.3		7.8			8			7.3			7.5			6.6			62
68	6.2	6.3	6.5	8.8	8.3		7.8	7.8		8	7.8		7.3	7		7.4	7.3		6.6			68
74	5.8	5.9	6.1	8.7	8.2		7.8	7.7		8	7.8		7.3	7		7.4	7.3		6.6	6.3		74
80	5.3	5.6	5.8	8.5	8	7.3	7.8	7.5	6.8	8	7.7	7	7.3	7		7.4	7.3		6.6	6.3		80
86	4.9	5.3	5.5	8.4	7.7	7.3	7.7	7.3	6.8	8	7.6	7	7.3	7	6.6	7.3	7.3	6.8	6.6	6.3		86
92	4.4	4.9	5.2	8.1	7.4	7	7.6	7	6.7	7.9	7.3	6.9	7.2	6.9	6.5	7.3	7.1	6.8	6.5	6.3		92
98	4	4.6	4.9	7.8	7.1	6.8	7.3	6.8	6.5	7.7	7.1	6.7	7.1	6.7	6.4	7.2	6.9	6.6	6.5	6.3	6.1	98
104	3.6	4	4.3	7.5	6.9	6.6	7.1	6.6	6.3	7.5	6.9	6.5	6.9	6.5	6.2	7.1	6.7	6.4	6.5	6.3	6	104
110	3.3	3.6	4.2	7.2	6.7	6.4	6.9	6.4	6.1	7.2	6.6	6.4	6.8	6.3	6.1	7	6.5	6.3	6.4	6.1	5.9	110
116	3	3.2		7	6.5	6.2	6.6	6.2	6	6.9	6.4	6.2	6.6	6.1	5.9	6.4	6.3	6.1	6.1	5.9	5.8	116
122				6.7	6.3	6.1	6.4	6	5.8	6.6	6.2	6	6.3	5.9	5.7	5.6	6.1	5.9	5.4	5.8	5.6	122
128				6.5	6.1	5.9	6.2	5.8	5.7	5.9	6.1	5.9	5.7	5.8	5.6	4.7	5.9	5.8	4.5	5.6	5.5	128
134				6.1	5.9	5.7	5.8	5.6	5.5	5.1	5.9	5.7	4.9	5.6	5.5	3.9	5.4	5.7	3.7	5.2	5.4	134
140				5.3	5.7	5.6	5	5.5	5.4	4.4	5.5	5.6	4.2	5.3	5.4	3.2	4.6	5.4	3	4.4	5.2	140
146				4.7	5.5	5.5	4.4	5.2	5.3	3.8	4.9	5.4	3.5	4.7	5.2	2.6	3.8	4.8		3.7	4.7	146
152				4	5	5.3	3.8	4.8	5.1	3.1	4.2	5	2.9	4	4.8		3.2	4		3	3.9	152
158				3.5	4.3	5	3.2	4.1	4.8	2.6	3.5	4.3		3.4	4.1		2.5	3.3			3.2	158
164				2.9	3.8	4.3	2.7	3.5	4.2	2	3	3.6		2.8	3.5		1.9	2.7			2.6	164
170				2.4	3.2	3.7	2.2	3	3.5		2.4	3		2.2	2.9			2.1			2	170
176				2	2.7	3.1		2.5	3		1.9	2.4			2.3							176
182					2.2	2.6		2	2.4			1.9										182
188					2				1.9													188

TAB 1825435 / 1825155 / 1825175

Lifting heights



Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

     																						
 ft	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	9.7																				14	
17	9.7																				17	
20	9.7																				20	
23	9.7																				23	
26	9.6	9.7																			26	
29	9.4	9.6																			29	
32	9.2	9.4	9																		32	
35	8.9	9.1	9																		35	
38	8.5	8.7	8.8	9.7																	38	
44	7.9	8	8.2	9.7			8.3			8.5			7.3			7.5					44	
50	7.3	7.4	7.5	9.7	9.7		8.3			8.5			7.3			7.5			6.6		50	
56	6.7	6.8	7	9.6	9.5		8.3	8.3		8.5	8.5		7.3	7.3		7.5			6.6		56	
62	6.2	6.3	6.4	9.4	9.2	8.7	8.3	8.3	8	8.5	8.5	8.3	7.3	7.3	7.3	7.5	7.5		6.6	6.6	62	
68	5.8	5.9	6	9.2	8.8	8.6	8.2	8.1	7.9	8.5	8.4	8.2	7.3	7.3	7.3	7.5	7.5	7.5	6.6	6.6	68	
74	5.3	5.4	5.6	8.8	8.5	8.2	8.1	7.9	7.7	8.3	8.2	8	7.3	7.3	7.3	7.5	7.5	7.5	6.5	6.6	6.6	74
80	4.8	5	5.2	8.5	8.1	7.9	7.8	7.6	7.4	8.1	7.9	7.7	7.3	7.2	7.2	7.4	7.4	7.4	6.5	6.6	6.6	80
86	4.3	4.6	4.8	8.1	7.8	7.6	7.5	7.3	7.1	7.9	7.6	7.4	7.2	7	6.9	7.3	7.3	7.2	6.5	6.5	6.5	86
92	3.9	4.1	4.4	7.8	7.4	7.3	7.3	7	6.9	7.7	7.3	7.2	7	6.8	6.7	7.2	7.1	6.9	6.4	6.5	6.5	92
98	3.4	3.7	3.8	7.5	7.1	7	7	6.7	6.6	7.4	7.1	6.9	6.8	6.6	6.5	7.1	6.9	6.7	6.3	6.3	6.3	98
104	3	3.2	3.5	7.2	6.9	6.7	6.8	6.5	6.4	7.1	6.8	6.7	6.6	6.4	6.3	6.9	6.6	6.5	6.3	6.1	6.1	104
110	2.7	2.8		6.9	6.6	6.5	6.5	6.3	6.1	6.9	6.6	6.4	6.4	6.1	6.1	6.7	6.4	6.3	6.1	6	5.9	110
116				6.6	6.4	6.3	6.2	6.1	5.9	6.6	6.4	6.2	6.2	6	5.9	6.5	6.2	6.1	6	5.8	5.7	116
122				6.4	6.1	6.1	6	5.8	5.8	6.4	6.1	6	6	5.8	5.7	6.2	6	5.9	5.8	5.6	5.6	122
128				6.2	5.9	5.9	5.8	5.6	5.6	6.2	5.9	5.8	5.8	5.6	5.5	6	5.8	5.7	5.6	5.4	5.4	128
134				5.9	5.7	5.7	5.6	5.4	5.4	5.9	5.7	5.7	5.6	5.4	5.4	5.8	5.6	5.6	5.5	5.3	5.3	134
140				5.7	5.5	5.5	5.4	5.3	5.2	5.7	5.5	5.5	5.4	5.2	5.2	5.7	5.5	5.4	5.3	5.1	5.1	140
146				5.4	5.3	5.3	5.2	5.1	5.1	5.5	5.4	5.3	5.2	5.1	5.1	5.5	5.3	5.3	5.1	5	5	146
152				5.1	5.1	5.1	5	4.9	4.9	5.3	5.2	5.2	5	5	4.9	5.3	5.2	5.1	4.9	4.8	4.8	152
158				4.9	4.9	4.9	4.7	4.7	4.7	5.1	5	5	4.9	4.8	4.8	5.1	5	5	4.7	4.7	4.7	158
164				4.6	4.7	4.7	4.4	4.4	4.5	4.9	4.8	4.8	4.6	4.7	4.7	4.9	4.9	4.9	4.5	4.5	4.6	164
170				4.4	4.5	4.6	4.1	4.2	4.3	4.6	4.6	4.7	4.4	4.4	4.5	4.7	4.7	4.7	4.3	4.4	4.4	170
176				4.2	4.2	4.3	3.8	4	4	4.4	4.4	4.5	4.1	4.2	4.3	4.4	4.5	4.6	4.1	4.2	4.3	176
182				3.9	4	4.1	3.6	3.7	3.8	4.2	4.2	4.3	3.9	4	4	3.9	4.3	4.4	3.7	4	4.1	182
188				3.7	3.8	3.8	3.3	3.5	3.5	4	4	4.1	3.6	3.7	3.8	3.4	3.8	4	3.2	3.6	3.8	188
194				3.5	3.5	3.6	3.1	3.2	3.3	3.7	3.8	3.9	3.4	3.5	3.6	2.9	3.3	3.5	2.7	3.1	3.3	194
200				3.3	3.3	3.3	2.9	3	3	3.4	3.6	3.7	3.1	3.3	3.4		2.7	2.9		2.6	2.8	200
210				2.9	3		2.5	2.6	2.6	2.5	2.8	2.9	2.4	2.7	2.9							210
220							2.2	2.3														220

TAB 1825191 / 1825211 / 1825231

Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

																																											
	ft	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft				ft																			
		62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft																							
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°																					
17		6.6																					17																				
20		6.6																					20																				
23		6.6																					23																				
26		6.6																					26																				
29		6.6																					29																				
32		6.5																					32																				
35		6.5																					35																				
38		6.4	6.6																				38																				
44		6.2	6.5		6.6																		44																				
50		6	6.3		6.6			5.6			5.8			4.9			5.1						50																				
56		5.6	5.9	5.8	6.5			5.6			5.8			4.9			5.1			4.4			56																				
62		5.2	5.4	5.7	6.5			5.6			5.8			4.9			5.1			4.4			62																				
68		4.9	5	5.3	6.5	6.3		5.6			5.8			4.9			5.1			4.4			68																				
74		4.5	4.7	4.9	6.4	6.3		5.6	5.6		5.8	5.8		4.9	4.9		5.1	5.1		4.4			74																				
80		4.2	4.4	4.6	6.3	6.2		5.6	5.6		5.7	5.8		4.9	4.9		5	5.1		4.4	4.4		80																				
86		3.9	4.1	4.3	6.1	6	5.6	5.5	5.6	5.1	5.6	5.8	5.3	4.9	4.9		5	5.1		4.3	4.4		86																				
92		3.7	3.8	4	6	5.8	5.6	5.4	5.4	5.1	5.6	5.6	5.3	4.9	4.9		5	5.1		4.3	4.4		92																				
98		3.5	3.6	3.7	5.8	5.5	5.4	5.3	5.2	5.1	5.5	5.4	5.3	4.9	4.9	4.9	4.9	5.1	5.1	4.3	4.4		98																				
104		3.2	3.4	3.5	5.6	5.3	5.2	5.2	5	4.9	5.5	5.2	5.1	4.9	4.8	4.8	4.9	5	4.9	4.3	4.4	4.4	104																				
110		3	3.2	3.3	5.4	5.1	5	5.1	4.8	4.7	5.3	5	4.9	4.9	4.7	4.6	4.9	4.8	4.8	4.3	4.4	4.4	110																				
116		2.8	3	3.1	5.2	4.9	4.8	4.9	4.6	4.6	5.1	4.9	4.7	4.8	4.6	4.5	4.8	4.7	4.6	4.3	4.3	4.3	116																				
122		2.7	2.8	2.8	5	4.7	4.6	4.7	4.5	4.4	4.9	4.7	4.6	4.6	4.4	4.3	4.7	4.6	4.5	4.2	4.2	4.2	122																				
128		2.5	2.6	2.5	4.7	4.5	4.5	4.5	4.3	4.2	4.7	4.5	4.4	4.4	4.2	4.2	4.6	4.4	4.3	4.1	4.1	4.1	128																				
134		2.4	2.4		4.6	4.4	4.3	4.3	4.1	4.1	4.6	4.3	4.3	4.3	4.1	4	4.4	4.3	4.2	4	4	4	134																				
140					4.4	4.2	4.1	4.1	4	4	4.4	4.2	4.1	4.1	4	3.9	4.3	4.1	4.1	3.9	3.8	3.8	140																				
146					4.2	4	4	4	3.8	3.8	4.2	4	4	4	3.8	3.8	4.1	4	3.9	3.8	3.7	3.7	146																				
152					4.1	3.9	3.9	3.9	3.7	3.7	4.1	3.9	3.9	3.8	3.7	3.7	4	3.9	3.8	3.7	3.6	3.6	152																				
158					3.9	3.8	3.8	3.7	3.6	3.6	3.9	3.8	3.8	3.7	3.6	3.6	3.9	3.7	3.7	3.6	3.5	3.5	158																				
164					3.8	3.6	3.6	3.6	3.5	3.5	3.8	3.7	3.6	3.6	3.5	3.4	3.8	3.6	3.6	3.5	3.4	3.4	164																				
170					3.6	3.5	3.5	3.4	3.4	3.4	3.7	3.5	3.5	3.5	3.4	3.4	3.7	3.5	3.5	3.4	3.3	3.3	170																				
176					3.5	3.4	3.4	3.3	3.2	3.2	3.6	3.4	3.4	3.4	3.2	3.3	3.5	3.4	3.4	3.3	3.2	3.2	176																				
182					3.4	3.3	3.3	3.1	3.1	3.2	3.4	3.3	3.3	3.2	3.2	3.2	3.4	3.3	3.3	3.2	3.1	3.1	182																				
188					3.2	3.2	3.2	3	3	3	3.3	3.2	3.2	3.1	3	3.1	3.3	3.2	3.2	3.1	3	3.1	188																				
194					3.1	3.1	3.1	2.8	2.9	2.9	3.2	3.1	3.2	2.9	2.9	3	3	3.1	3.2	2.9	3	3	194																				
200					2.9	3	3	2.6	2.8	2.8	3.1	3	3.1	2.8	2.8	2.9	2.7	3	3.1	2.5	2.9	2.9	200																				
210					2.6	2.7	2.7	2.3	2.5	2.6	2.8	2.9	3	2.5	2.6	2.7		2.6	2.9		2.4	2.7	210																				
220					2.3	2.4	2.5		2.1	2.2		2.6	2.7		2.4	2.5							220																				
230					2	2.1	2.2						2.2			2.2							230																				

TAB 1825191 / 1825211 / 1825231

Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

42 – 194 ft 46 ft 35 ft 360° 49800 lbs 85%																						
ft	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	9.7																					
17	9.7																					
20	9.7																					
23	9.7																					
26	9.6	9.7																				
29	9.4	9.6																				
32	9.2	9.4	9																			
35	8.9	9.1	9																			
38	8.5	8.7	8.8	9.7																		
44	7.9	8	8.2	9.7			8.3			8.5			7.3			7.5						
50	7.3	7.4	7.5	9.7	9.7		8.3			8.5			7.3			7.5			6.6			
56	6.7	6.8	7	9.6	9.5		8.3	8.3		8.5	8.5		7.3	7.3		7.5			6.6			
62	6.2	6.3	6.4	9.4	9.2	8.7	8.3	8.3	8	8.5	8.5	8.3	7.3	7.3		7.5	7.5		6.6	6.6		
68	5.8	5.9	6	9.2	8.8	8.6	8.2	8.1	7.9	8.5	8.4	8.2	7.3	7.3	7.3	7.5	7.5	7.5	6.6	6.6		
74	5.3	5.4	5.6	8.8	8.5	8.2	8.1	7.9	7.7	8.3	8.2	8	7.3	7.3	7.3	7.5	7.5	7.5	6.5	6.6	6.6	
80	4.8	5	5.2	8.5	8.1	7.9	7.8	7.6	7.4	8.1	7.9	7.7	7.3	7.2	7.2	7.4	7.4	7.4	6.5	6.6	6.6	
86	4.3	4.6	4.8	8.1	7.8	7.6	7.5	7.3	7.1	7.9	7.6	7.4	7.2	7	6.9	7.3	7.3	7.2	6.5	6.5	6.5	
92	3.9	4.1	4.4	7.8	7.4	7.3	7.3	7	6.9	7.7	7.3	7.2	7	6.8	6.7	7.2	7.1	6.9	6.4	6.5	6.5	
98	3.4	3.7	3.8	7.5	7.1	7	7	6.7	6.6	7.4	7.1	6.9	6.8	6.6	6.5	7.1	6.9	6.7	6.3	6.3	6.3	
104	3	3.2	3.5	7.2	6.9	6.7	6.8	6.5	6.4	7.1	6.8	6.7	6.6	6.4	6.3	6.9	6.6	6.5	6.3	6.1	6.1	
110	2.7	2.8		6.9	6.6	6.5	6.5	6.3	6.1	6.9	6.6	6.4	6.4	6.1	6.1	6.6	6.4	6.3	6.1	6	5.9	
116				6.6	6.4	6.3	6.2	6.1	5.9	6.6	6.4	6.2	6.2	6	5.9	5.7	6.2	6.1	5.5	5.8	5.7	
122				6.4	6.1	6.1	6	5.8	5.8	6	6.1	6	5.6	5.8	5.7	4.8	5.6	5.9	4.6	5.3	5.6	
128				6	5.9	5.9	5.6	5.6	5.6	5.1	5.7	5.8	4.9	5.4	5.5	3.9	4.8	5.4	3.7	4.6	5.1	
134				5.3	5.7	5.7	5	5.4	5.4	4.3	5.1	5.5	4.1	4.9	5.2	3.2	4	4.6	3	3.8	4.4	
140				4.5	5.2	5.4	4.3	4.9	5.1	3.6	4.3	4.8	3.4	4.1	4.6		3.2	3.8		3	3.6	
146				3.9	4.4	4.9	3.6	4.2	4.6	2.9	3.6	4	2.7	3.4	3.9			3			2.9	
152				3.3	3.8	4.1	3	3.5	3.9		2.9	3.3		2.7	3.2							
158				2.7	3.2	3.5		2.9	3.3			2.7			2.5							
164				2.1	2.6	2.9		2.3	2.7			2.1			1.9							
170					2.1	2.3			2.1													

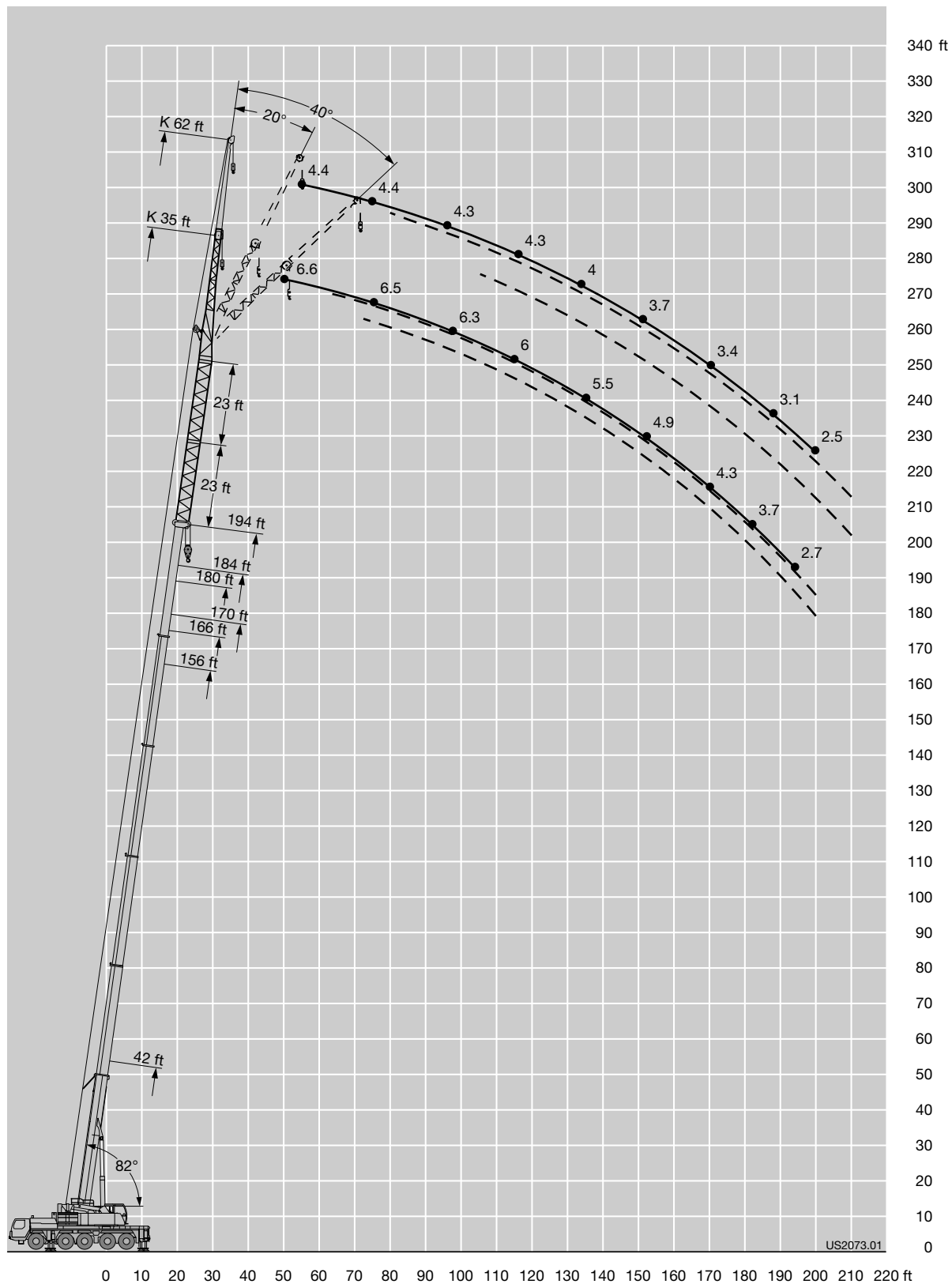
TAB 1825195 / 1825215 / 1825235

Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

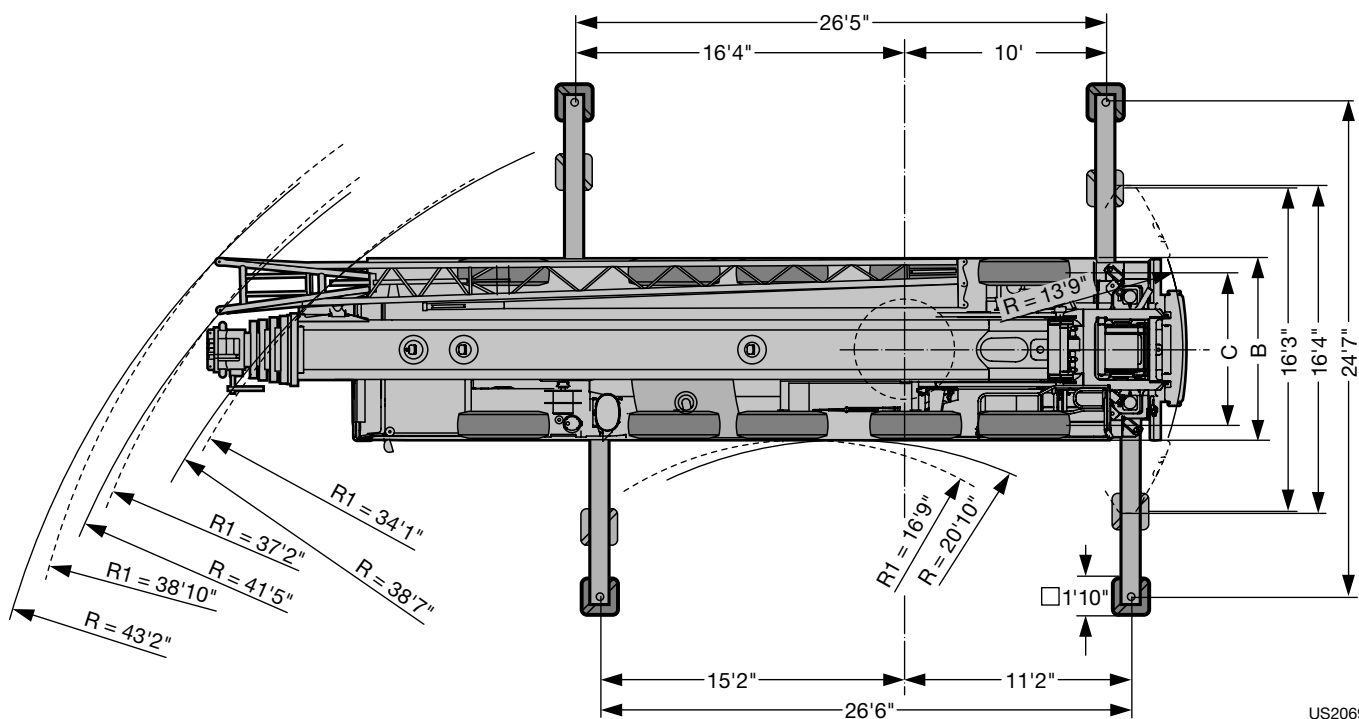
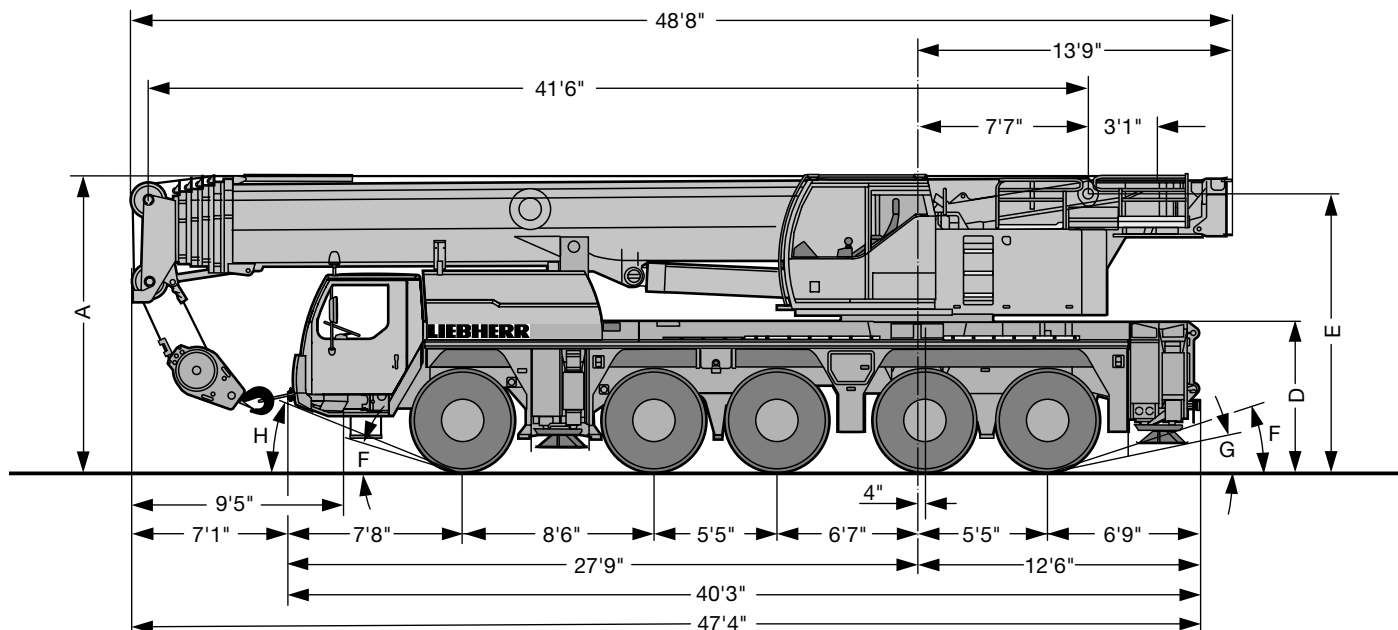
      85%																						
 ft	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	6.6																					17
20	6.6																					20
23	6.6																					23
26	6.6																					26
29	6.6																					29
32	6.5																					32
35	6.5																					35
38	6.4	6.6																				38
44	6.2	6.5		6.6																		44
50	6	6.3		6.6			5.6			5.8			4.9			5.1						50
56	5.6	5.9	5.8	6.5			5.6			5.8			4.9			5.1			4.4			56
62	5.2	5.4	5.7	6.5			5.6			5.8			4.9			5.1			4.4			62
68	4.9	5	5.3	6.5	6.3		5.6			5.8			4.9			5.1			4.4			68
74	4.5	4.7	4.9	6.4	6.3		5.6	5.6		5.8	5.8		4.9	4.9		5.1	5.1		4.4			74
80	4.2	4.4	4.6	6.3	6.2		5.6	5.6		5.7	5.8		4.9	4.9		5	5.1		4.4	4.4		80
86	3.9	4.1	4.3	6.1	6	5.6	5.5	5.6	5.1	5.6	5.8	5.3	4.9	4.9		5	5.1		4.3	4.4		86
92	3.7	3.8	4	6	5.8	5.6	5.4	5.4	5.1	5.6	5.6	5.3	4.9	4.9		5	5.1		4.3	4.4		92
98	3.5	3.6	3.7	5.8	5.5	5.4	5.3	5.2	5.1	5.5	5.4	5.3	4.9	4.9	4.9	4.9	5.1	5.1	4.3	4.4		98
104	3.2	3.4	3.5	5.6	5.3	5.2	5.2	5	4.9	5.5	5.2	5.1	4.9	4.8	4.8	4.9	5	4.9	4.3	4.4	4.4	104
110	3	3.2	3.3	5.4	5.1	5	5.1	4.8	4.7	5.3	5	4.9	4.9	4.7	4.6	4.9	4.8	4.8	4.3	4.4	4.4	110
116	2.8	3	3.1	5.2	4.9	4.8	4.9	4.6	4.6	5.1	4.9	4.7	4.8	4.6	4.5	4.8	4.7	4.6	4.3	4.3	4.3	116
122	2.7	2.8	2.8	5	4.7	4.6	4.7	4.5	4.4	4.9	4.7	4.6	4.6	4.4	4.3	4.7	4.6	4.5	4.2	4.2	4.2	122
128	2.5	2.6	2.5	4.7	4.5	4.5	4.5	4.3	4.2	4.7	4.5	4.4	4.4	4.2	4.2	4.2	4.4	4.3	3.9	4.1	4.1	128
134	2.4	2.4		4.6	4.4	4.3	4.3	4.1	4.1	4.4	4.3	4.3	4.2	4.1	4	3.5	4.3	4.2	3.2	4	4	134
140				4.4	4.2	4.1	4.1	4	4	3.9	4.2	4.1	3.6	4	3.9	2.8	4	4.1		3.7	3.8	140
146				4.1	4	4	3.8	3.8	3.8	3.3	4	4	3	3.8	3.8		3.4	3.9		3.2	3.7	146
152				3.5	3.9	3.9	3.2	3.7	3.7	2.6	3.8	3.9		3.6	3.7		2.8	3.7		2.6	3.5	152
158				3	3.8	3.8	2.7	3.6	3.6		3.2	3.7		2.9	3.5			3			2.9	158
164				2.4	3.4	3.6	2.1	3.1	3.5		2.6	3.3		2.3	3.1		2.4				2.2	164
170				1.9	2.8	3.4		2.6	3.2		2	2.7			2.5							170
176					2.3	2.8		2	2.6			2.1			2							176
182						2.3			2.1													182

TAB 1825195 / 1825215 / 1825235

Lifting heights



Dimensions



US2069.01

R_i = All-wheel steering

	Dimensions								
	A	A 4" *	B	C	D	E	F	G	H
16.00 R 25	13'1"	12'10"	9'	7'7"	6'9"	12'4"	22°	14°	26°

* lowered

Weights



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

¹⁾ with 19800 lbs counterweight



Load (kips)	No. of sheaves	No. of lines	Weight lbs
242.5	7	14	2730
198.8	5	11	1980
130	3	7	1540
57.5	1	3	990
19.4	–	1	550

Working speeds



		1	2	3	4	5	6	7	8	9	10	11	12	R 1	R 2	
16.00 R 25	mph	1.2 – 3.5	4.5	5.8	7.5	9.5	12.2	16.1	20.6	26.6	34.2	43.4	50	1.3 – 3.8	4.9	43 %
		0.53 – 1.6	2	2.6	3.3	4.2	5.3	7	9	11.6	14.9	18.9	24.2	0.57 – 1.7	2.1	55 %



Drive	infinitely variable	Rope diameter / Rope length	Max. single line pull
	0 – 360 ft/min single line	7/8" / 820 ft	19400 lbs
	0 – 360 ft/min single line	7/8" / 820 ft	19400 lbs
	0 – 1.5 rpm		
	approx. 65 seconds to reach 82° boom angle		
	approx. 511 seconds for boom extension from 42 ft – 197 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.
Engine	6-cylinder Diesel, make Liebherr, type D846 A7, watercooled, output 370 kW (503 h.p.) at 1900 rpm, max. torque 1737 lbs-ft at 1200 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 127 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 – “Niveaumatik 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 electrohydraulically speed-dependent and from 18.6 mph, axles 3 and 4 are fixed to straight displacement. From 37.2 mph, axle 5 is fixed straight. Steering according to EG directive 70/311 EWG.
Brakes	Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Parking brake: Spring brake actuator, acting on the wheels of the 2 nd and 5 th axle. Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear. Brakes acc. to EG directives 71/320 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 acc. to traffic regulations.

Crane superstructure

Frame	Self-manufactured, weight-optimized and torsion resistant welded design of high-tensile structural steel; linked by a triple-row roller slewing rim to the carrier for continuous rotation.
Crane engine	4-cylinder Diesel, make Liebherr, type D934S A6, watercooled, output 145 kW (197 h.p.) at 1800 rpm, max. torque 678 lbs-ft at 1100 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 66 gallons.
Crane drive	Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatement.
Control	Electric „Load Sensing“ control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type).
Hoist gear	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential ram with pilot-controlled brake valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as standard feature.
Crane cab	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: 42 ft – 197 ft.
Counterweight	64600 lbs basic counterweight.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.
Swing-away jib	35 ft – 62 ft long, mountable to the telescopic boom at 0°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option).
Telescopic boom extension	23 ft – 46 ft long lattice section, thus higher pinning point for swing-away jib.
2nd hoist gear	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
Drive 10 x 8	Additional drive of the 1 st axle.
Additional counterweight	28000 lbs for a total counterweight of 92600 lbs.

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