81K.1 LIEBHERR

																			LM 1
Hook Radius	Maximum Capacity - Radius	ft	39	49	59	69	75	82	88	95	102	108	115	121	131	138	148	157
		m	12.0	15.0	18.0	21.0	23.0	25.0	27.0	29.0	31.0	33.0	35.0	37.0	40.0	42.0	45.0	48.0
157 ft	13,230 lb - 39 ft	lb	13,230	10,185	8,820	6,860	6,150	5,780	5,070	4,650	4,280	3,970	3,680	3,420	3,110	2,910	2,650	2,425
48.0 m	6 000 kg - 12.0 m	kg	6 000	4 620	3 730	3 110	2 790	2 530	2 300	2 110	1 940	1 800	1 670	1 550	1 410	1 320	1 200	1 100
148 ft	13,230 lb - 44 ft	lb	13,230	11,510	9,330	7,800	7,010	6,370	5,820	5,340	4,920	4,560	4,230	3,970	3,590	3,370	3,090	
45.0 m	6 000 kg - 13.3 m	kg	6 000	5 220	4 230	3 540	3 180	2 890	2 640	2 420	2 230	2 070	1 920	1 800	1 630	1 530	1 400	
138 ft	13,230 lb - 46 ft	lb	13,230	12,280	9,960	8,360	7,520	6,810	6,220	5,710	5,290	4,894	4,560	4,250	3,860	3,640		
42.0 m	6 000 kg - 14.1 m	kg	6 000	5 570	4 520	3 790	3 410	3 090	2 820	2 590	2 400	2 220	2 070	1 930	1 750	1 650		
121 ft	13,230 lb - 50 ft	lb	13,230	13,230	10,870	9,150	8,250	7,500	6,860	6,330	5,840	5,420	5,070	4,740				
37.0 m	6 000 kg - 15.1 m	kg	6 000	6 000	4 930	4 150	3 740	3 400	3 110	2 870	2 650	2 460	2 300	2 150				
102 ft	13,230 lb - 53 ft	lb	13,230	13,230	11,840	9,960	8,990	8,180	7,500	6,900	6,390							
31.0 m	6 000 kg - 16.3 m	kg	6 000	6 000	5 370	4 520	4 080	3 710	3 400	3 130	2 900							

Note: Load Plus mode will increase capacities by approximately 20% with reduced speeds outside of the constant range.

Fast-Erecting Tower Crane

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Technical Information

- **Lifting capacity at 157':** 2,425 lb.
- **Maximum hook radius:** 157'
- **Maximum lifting capacity:** 13,230 lb.
- **Maximum hook height:** 133'
- **Luffed jib position 30°:** Working position
- **Jib position to avoid obstacles 45°:** Non-working position
- **Tail swing clearance:** 11'-6"/9'0"
- **Hoist gear:** 20hp variable frequency drive
- **Slewing gear:** 6.7hp variable frequency drive
- **Trolley travel gear:** 4hp variable frequency drive

Features

- 2-part hoist line reeving for faster hook speeds.
- Micromove® for precision setting of loads.
- Load-Plus increases lifting capacities by up to 20%.
- Operation by radio remote control or from cabin.
- Zone restriction system to prevent crane from entering unauthorized areas.
- Available road transport axles.

Fast-Erecting Tower Crane