

Liftcrane Mast Handling Capacities

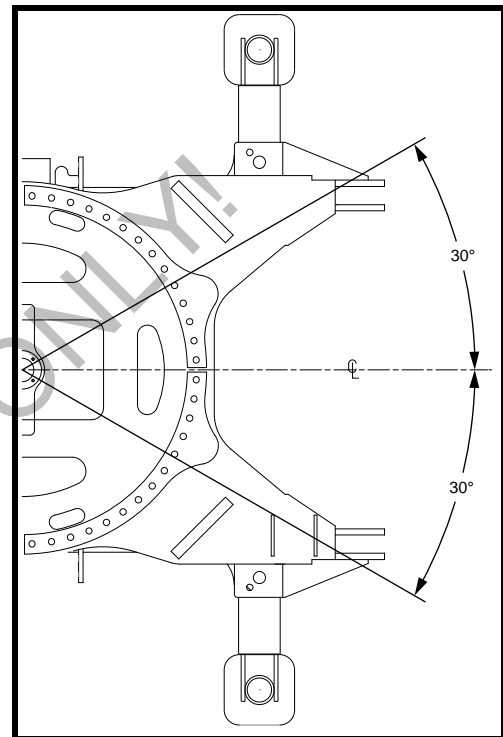
MLC300

0 lb Fixed Position Counterweight
 Operating limits for crane assembly
 Weight of shackles and slings is part of load
 Mast angles in table measured from transport position

30.0 ft Mast				
Operating Radius	Mast Angle	Crane on Jacks	Crane on Jacks with one crawler on ground	Crane on Crawlers
Feet	Degrees	Pounds	Pounds	Pounds
10	102.8	80,000	80,000	80,000
11	104.9	80,000	80,000	80,000
12	107.0	80,000	80,000	80,000
13	109.1	80,000	80,000	80,000
14	111.3	80,000	80,000	80,000
15	113.4	80,000	80,000	80,000
16	115.7	80,000	80,000	80,000
17	117.9	80,000	80,000	80,000
18	120.3	72,400	80,000	80,000
19	122.6	65,600	80,000	80,000
20	125.1	60,000	80,000	80,000
21	127.6		80,000	80,000
22	130.3		79,800	80,000
23	133.0		73,900	80,000
24	135.9		68,800	80,000
25	138.9		64,200	80,000
26	142.2		60,200	80,000

Boom hoist drum operation not permitted at radii greater than 26 ft.

Swing Diagram



Operating Restrictions on Jacks

10 ft to 20 ft operating radius —
 30 degree swing either side of center permitted for handling loads. Refer to swing diagram.

20 ft to 26 ft operating radius —
 30 degree swing either side of center permitted for handling slings and shackles. Refer to swing diagram.

Operating Restriction with One Crawler and Two Jacks (crawler on ground) or on Crawlers

10 ft to 26 ft operating radius —
 360 degree swing permitted for handling loads.