

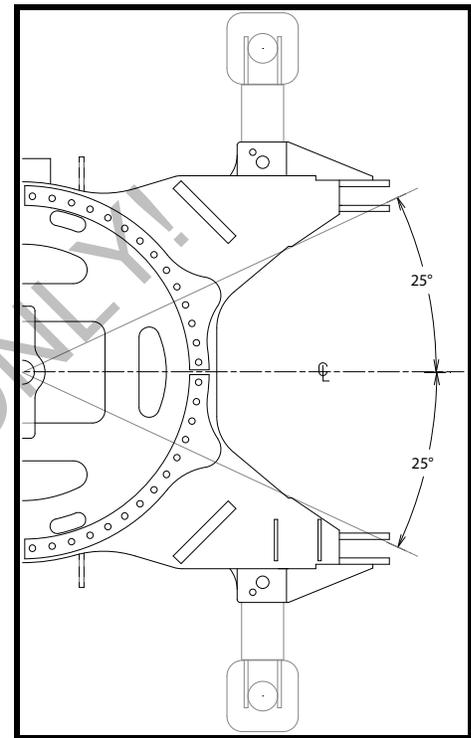
Liftcrane Mast Handling Capacities

MLC165

Operating limits for crane assembly
Weight of hooks and chains is part of load
Mast angles in table measured from transport position

7,2 m Mast			
Operating Radius	Mast Angle	Crane on Jacks	Crane on Crawlers
Meters	Degrees	Kilograms	Kilograms
1,8	96,0	19 000	19 000
2,0	97,4	19 000	19 000
2,5	101,6	19 000	19 000
3,0	106,0	19 000	19 000
3,5	110,4	19 000	19 000
4,0	115,0	18 900	19 000
4,5	119,8		19 000
5,0	124,8		19 000
5,5	130,2		19 000
6,0	136,1		19 000
6,5	142,8		19 000
7,0	150,9		19 000

Swing Diagram



Operating Restrictions on Jacks (four jacks, no crawlers)

- 1,8 m to 4,0 m operating radius — 360 degree swing permitted for handling loads.
- 4,0 m to 7,0 m operating radius — 360 degree swing permitted for handling hooks and chains.

Operating Restrictions on Jacks with One Crawler Installed (four jacks, one crawler installed)

- 1,8 m to 4,0 m operating radius — 25 degree swing either side of center permitted until crawler is set on ground for handling loads. Refer to swing diagram.
- 4,0 m to 7,0 m operating radius — 25 degree swing either side of center permitted until crawler is set on ground for handling hooks and chains. Refer to swing diagram.

Operating Restrictions on Jacks and One Crawler Down (two jacks with one crawler on ground)

- 1,8 m to 4,0 m operating radius — 360 degree swing permitted for handling loads.
- 4,0 m to 7,0 m operating radius — 360 degree swing permitted for handling hooks and chains.

Operating Restrictions on Crawlers

- 1,8 m to 7,0 m operating radius — 360 degree swing permitted for handling loads.