

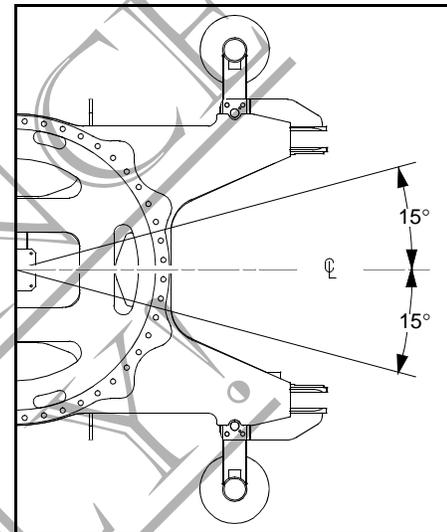
Liftcrane Mast Handling Capacities

Operating limits for crane assembly - Gantry Up
 Weight of block, hooks, chains and hoist lines is part of load
 Mast angles in table measured from transport position

27 ft Mast

Oper. Radius Feet	Mast Angle Degrees	Crane On Jacks	Crane on Crawlers
		Mast Capacity Pounds	Mast Capacity Pounds
8.0	102.1	45,000	45,000
9.0	104.3	45,000	45,000
10.0	106.5	45,000	45,000
11.0	108.7	45,000	45,000
12.0	110.9	45,000	45,000
13.0	113.2	45,000	45,000
14.0	115.5	45,000	45,000
15.0	117.9	45,000	45,000
16.0	120.3		45,000
18.0	125.4		45,000
20.0	130.7		45,000
22.0	136.6		45,000
24.0	143.2		45,000
26.0	151.0		45,000
28.0	161.5		45,000

Swing Diagram



Operating Restrictions on Jacks

8 ft to 15 ft operating radius —
 Operating range for handling loads and installing crawlers with mast - 15 degree swing either side of center permitted. Refer to swing diagram above.

16 ft to 28 ft operating radius —
 Handling of assembly block and lifting chain slings only - drum operation permitted - 15 degree swing either side of center permitted. Refer to swing diagram above.

Greater than 28 ft operating radius —
 Block installation only - drum operation not permitted (mast lacing interference). 360 degree swing permitted at 29.1 ft operating radius only (172 degree mast angle).

Operating Restrictions on Crawlers

8 ft to 28 ft operating radius —
 Operating range for handling loads with mast - 360 degree swing permitted.

Greater than 28 ft operating radius —
 Block installation only - drum operation not permitted (mast lacing interference).