Manitowoc Cranes, Inc.

Manitowoc, Wisconsin 54220 U.S.A.

## Liftcrane Mast Handling Capacities

\_ mailion 15000

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

## 9.1m Mast

		Crane on Jacks	Crane on Crawlers
Oper. Rad. m	Mast Ang. Deg.	Mast Capacity Kilograms	Mast Capacity Kilograms
2.9	102.0	22 700*	22 700*
3.0	102.6	22 700*	22 700*
4.0	109.0	22 700*	22 700*
4.9	115.2	22 700*	22 700*
5.0	115.9		22 700*
6.0	123.1		22 700*
7.0	130.9		22 700*
8.0	139.9		22 700*
8.8	148.3		22 700*



## **Operating Restrictions on Jacks**

2.9m to 4.9m 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.

5.0m to 8.5m 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 8.8m operating radius —

Block installation only - drum operation not permitted (mast lacing interferance). 360 degree swing permitted at 10.1m operating radius only (175 degree mast angle).

## **Operating Restrictions on Crawlers**

2.9m to 8.8m operating radius — Operating range for handling loads with mast - 360 degree swing permitted.

Greater than 8.8m operating radius —

Block installation only - drum operation not permitted (mast lacing interferance).