

Metric 85% Lifting Capacities (Kilograms) on Outriggers Fully Extended

TMS

MAIN BOOM - 360°

Radius in meters	MAIN BOOM LENGTH IN METERS									
	11.0	12.80	15.50	18.30	21.00	23.80	26.50	29.30	32.0	34.60
3.0	75000	48395	46080							
3.5	60000	48395	46080	44315	40775	38415				
4.0	51365	48395	45085	42025	38165	37215				
4.5	47445	47170	43475	38940	36195	35435	29255			
5.0	43815	43815	41455	36215	34060	33540	28210			
6.0	37145	37145	37080	32295	29550	29345	25215	23540	21975	17515
7.0	31455	31455	31455	29210	26080	24855	22290	21135	20000	16235
8.0		26535	26535	25965	23605	21475	19820	19095	17980	14945
9.0		22475	22475	22475	21475	19615	17980	16420	16260	13875
10.0		19175	19175	19175	19175	17960	16420	15920	14760	12925
12.0			13750	13750	13750	13750	13605	13265	12425	11375
14.0				10250	10250	10500	10500	10500	10610	10090
16.0				7500	7750	7750	8000	8000	8000	8000
18.0					5750	6000	6000	6000	6000	6000
20.0						4500	4500	4500	4500	4500
23.0							2750	2750	2750	2750
26.0								1600	1600	1600
29.0									800	800

Notes for Lifting Capacities

WARNING: THIS CHART IS ONLY A GUIDE. The Notes below are illustration only and should not be relied upon to operate the crane. The Individual crane's load chart, operating instructions and other instruction plates must be read and understood prior to operating the crane.

1. All rated loads have been tested to and meet minimum requirements of IS 4573-1982, Specification for Power Driven Mobile Cranes and do not exceed 85% of the tipping load on outriggers as determined by SAE J765 OCT80 Crane Stability Test Code.
2. The weight of the hookblock, slings and all similarly used load handling devices must be added to the weight of the load.
3. Capacities appearing above the bold line are based on structural strength and tipping should not be relied upon as a capacity limitation.
4. All capacities are for crane on firm, level surface. It may be necessary to have structural supports under the outrigger floats or tyres to spread the load to a larger bearing surface.
5. When either boom length or radius or both are between values listed, the smallest load shown at either the next larger radius or boom length shall be used.
6. For outriggers operation, all outriggers shall be fully extended with tyres raised free of ground before raising the boom or lifting loads.

WARNING: Outrigger beams must be fully extended and stabilizers properly set when rotating superstructure over the side. Do not rotate superstructure over the side while on rubber.