

Lifting Capacities (Metric) 85% Rating 5 Section Boom Duties (in Kilograms)

Main Boom Duties on Outriggers Fully Extended - Full 360° Slew

Radius in Meters	Main Boom Length (in Meters)												
	11.0	12.2	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.3	39.0	41.3	
2.5	50000												
3.0	45000	36525	30500										
3.5	41000	36050	29475	25425									
4.0	36425	34250	28375	24700									
4.5	31950	31875	27325	23625	20500								
5.0	28950	29175	26100	22550	19650								
6.0	23425	23625	23550	20375	17675	15625	14225						
7.0	19600	19850	20050	18875	16500	14375	13125	9525	8320				
8.0	14675	16700	16925	17050	15000	13125	12000	9525	8060	7750			
9.0		14250	13900	13650	13200	12100	10900	9525	7265	6900	6200	5000	
10.0		9285	11100	10900	11350	11000	9750	9050	6595	6200	5000	4300	
12.0			7400	7250	7650	8000	8300	7350	5530	5000	4300	3500	
14.0				4900	5350	5700	5925	6150	4720	4300	3500	3000	
16.0				3250	3725	4000	4325	4525	4080	3750	3000	2750	
18.0					2500	2850	3100	3325	3480	3000	2750	2400	
20.0						1950	2200	2400	2550	2650	2400	2200	
22.0							1100	1400	1650	1825	1940	2000	2000
24.0								750	1000	1200	1300	1400	1500
26.0									500	650	800	900	1000
28.0											500	500	

Note : Minimum boom angle 0 degree for 41.3 meter boom length (no load) at over rear only

WARNING - Do not derrick-up from 0 degree boom angle if boom length is more than 33.5 meter

10.1m Fixed Offset Extension - 360° Duties in Kilograms

Radius (in Meters)	10.1m length		
	0° Offset	25° Offset	45° Offset
12.0	3875		
14.0	3875		
16.0	3875	3375	
18.0	3780	3260	2965
20.0	3170	3005	2840
22.0	2420	2390	2300
24.0	1820	1790	1700
26.0	1310	1280	1200
28.0	890	860	770
30.0	530	500	420

TMS 850