



14 Ton Boom Truck Capacity Chart

Boom Maximum Loads

Load Radius		First Stage Boom			Second Stage Boom			Third Stage Boom		
FT	(M)	LBS	Angle	KG	LB	Angle	KG	LB	Angle	KG
5'	1.5	28,000	80°	12,700						
9'	2.8	18,000	71°	8,165	14,300	80°	6,485			
12'	3.6	14,500	64°	6,570	12,000	76°	5,440	8,300	80°	3,765
15'	4.6	12,200	58°	5,530	10,000	72°	4,535	6,900	78°	3,130
20'	6.1	9,500	40°	4,305	8,000	65°	3,625	6,000	74°	2,720
25'	7.6	7,600	15°	3,445	6,300	58°	2,855	5,100	68°	2,310
30'	9.2				5,000	50°	2,265	4,400	64°	1,995
35'	10.7				4,400	42°	1,995	3,800	59°	1,720
40'	12.2				3,600	30°	1,630	3,300	53°	1,495
45'	13.7				2,000	0°	905	2,900	47°	1,315
50'	15.3							2,500	41°	1,135
55'	16.7							2,200	33°	995
60'	18.2							1,900	24°	860
63'	19.2							1,500	15°	680

Jib Maximum Loads

Maximum Allowable load per line part (For heavier loads use multiple parts reaving)				
Cable Diameter	9/16"		5/8"	
	Lbs.	Kg.	Lbs.	Kg.
Standard Cable ST. 3.5:1	9300	4215	11400	5170
Anti Spin Resistant SF. 5:1	6900	3125	8700	3945

Jib Angle	25 Ft. Jib		25 Ft. Jib Ret.		42 Ft. Jib Ext.	
Angle	Lbs.	Kg.	Lbs.	Kg.	Lbs.	Kg.
80°	3,550	1,610	3,400	1,540	1,900	860
70°	2,250	1,020	2,100	950	1,300	590
60°	1,650	750	1,500	680	950	430
50°	1,150	520	1,000	450	650	295
45°	950	430	800	360	550	250
40°	750	340	600	270	400	180
30°	500	225				

Boom Capacity Deduction

Jib	Stowed		Erected	
25'	250 Lbs.	110 Kg.	350 Lbs.	160 Kg.
42'	450 Lbs.	205 Kg.	550 Lbs.	250 Kg.