

Boom Lifting Capacities

Rated Loads in Metric Tons for 360° Working Area

Unit: ton

Boom length m (ft) Operating radius (m)	12.19	15.24	18.29	21.34	24.38	27.43	30.48	33.53	36.58	39.62	42.67	45.72	48.77	51.82	Boom length m (ft) Operating radius (m)
	(40)	(50)	(60)	(70)	(80)	(90)	(100)	(110)	(120)	(130)	(140)	(150)	(160)	(170)	
3.7	55.0														3.7
4	50.7	50.6													4
4.5	42.0	41.9	41.9												4.5
5	35.2	35.1	35.1	35.0											5
5.5	30.3	30.2	30.1	30.1	30.0										5.5
6	26.5	26.4	26.4	26.3	26.2	26.1									6
7	21.2	21.1	21.0	20.9	20.8	20.8	20.7	20.6							7
8	17.6	17.5	17.4	17.3	17.3	17.2	17.1	17.0	17.0	16.7					8
9	15.0	14.9	14.8	14.7	14.6	14.5	14.5	14.4	14.3	14.3	14.2				9
10	13.1	12.9	12.8	12.7	12.7	12.6	12.5	12.4	12.4	12.3	12.2	12.1	12.1		10
12	10.7*	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.6	9.5	9.4	9.3	9.3	9.2	12
14		8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	14
16			6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.2	6.1	6.1	5.9	16
18				5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.1	5.0	4.9	18
20				5.2	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.3	4.2	4.1	20
22					4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.6	3.5	22
24						3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	24
26							3.2	3.0	3.0	2.9	2.8	2.7	2.6	2.5	26
28								2.7	2.6	2.5	2.4	2.3	2.3	2.2	28
30								2.4	2.3	2.2	2.1	2.0	1.9	1.8	30
32									2.0	1.9	1.8	1.7	1.6	1.5	32
34										1.7	1.6	1.5	1.4	1.2	34

This figure applies to an operating radius of 11.6m.

Fixed Jib Lifting Capacities

Jib Rated Loads in Metric Tons for 360° Working Area

Unit: ton

Operating radius in meters	30.48m (100') Boom								33.53m (110') Boom								36.58m (120') Boom								Operating radius in meters
	6.10 (20') Jib		9.14 (30') Jib		12.19 (40') Jib		15.24 (50') Jib		6.10 (20') Jib		9.14 (30') Jib		12.19 (40') Jib		15.24 (50') Jib		6.10 (20') Jib		9.14 (30') Jib		12.19 (40') Jib		15.24 (50') Jib		
	Offset Angle				Offset Angle				Offset Angle				Offset Angle				Offset Angle				Offset Angle				
	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	
8	6.5																								8
10	6.5	6.5	6.5						6.5*		6.5						6.5*		6.5						10
12	6.5	6.5	6.5	6.0	6.0		5.2		6.5	6.5	6.5	6.0		5.2		6.5	6.5	6.5		6.0		5.2			12
16	6.5	6.5	6.5	6.0	6.0	4.3**	5.2	3.7	6.4	6.4	6.4	6.0**	6.0	4.3	5.2	3.7	6.3	6.3	6.3	6.0**	6.0	4.3	5.2		16
18	5.5	5.5	5.5	5.5	5.5	4.3	5.2	3.7	5.4	5.4	5.4	5.4	5.4	4.3	5.2	3.7	5.3	5.3	5.3	5.3	5.3	4.3	5.2	3.7	18
20	4.7	4.7	4.7	4.7	4.7	4.3	4.7	3.7	4.6	4.6	4.6	4.6	4.6	4.3	4.6	3.7	4.5	4.5	4.5	4.5	4.5	4.3	4.5	3.7	20
22	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.7	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	22
24	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	24
26	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	26
28									2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	28
30									2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	30
32																	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	32

Operating radius in meters	39.62m (130') Boom								42.67m (140') Boom								Operating radius in meters
	6.10 (20') Jib		9.14 (30') Jib		12.19 (40') Jib		15.24 (50') Jib		6.10 (20') Jib		9.14 (30') Jib		12.19 (40') Jib		15.24 (50') Jib		
	Offset Angle				Offset Angle				Offset Angle				Offset Angle				
	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	
10	6.5								6.5								10
12	6.5	6.5	6.5						6.5	6.5	6.5						12
16	6.2	6.2	6.2	6.0**	6.0	4.3	5.2**		6.2	6.2	6.2	6.0**	6.0	4.3	5.2**		16
18	5.2	5.2	5.2	5.2	5.2	4.3	5.2	3.7	5.1	5.1	5.1	5.1	5.1	4.3	5.1	3.7	18
20	4.4	4.4	4.4	4.4	4.4	4.3	4.4	3.7	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.7	20
22	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	22
24	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	24
26	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	26
28	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	28
30	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	30
32	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	32
34	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	34

* This figure applies to an operating radius of 9m.
 ** This figure applies to an operating radius of 14m.