

**Total Rated Lifting Load for Boom**

**Table 3—3**



Working radius	Boom of 10.1~38.5m (with fully-extended outriggers of 6.0m, boom over side or over rear)																				
	10.1 m			13.65 m			17.2 m			22.52 m			27.85 m			33.18 m			38.5 m		
	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height
3	30000	67	10.1	25000	74	14.0															
3.5	28000	64	9.9	23500	72	13.8															
4	25300	61	9.6	21500	69	13.6	18000	74	17.4												
5	20500	54	8.9	18500	65	13.1	15800	71	17.0	11400	76	22.6	9500	79	28.2						
6	16500	46	7.9	16000	60	12.5	13000	67	16.6	10400	73	22.3	8400	77	27.9	6600	80	33.4			
7	13500	37	6.7	13000	55	11.8	11500	63	16.1	9400	70	22.0	7600	75	27.6	6000	78	33.2	5000	80	38.7
8	10800	25	4.8	10800	49	11.0	10600	59	15.5	8500	68	21.5	7300	73	27.3	5600	76	32.9	4600	79	38.4
9				8700	43	9.9	8600	55	14.8	7800	65	21.0	6600	71	26.9	5300	74	32.6	4300	77	38.2
10				7200	36	8.6	7100	51	13.9	7100	62	20.5	6100	68	26.5	4900	73	32.2	4000	76	37.9
11				6000	27	6.8	5900	46	13.0	6500	59	19.9	5600	66	26.0	4600	71	31.8	3800	74	37.5
12							5000	41	11.8	5500	56	19.2	5200	64	25.5	4300	69	31.4	3500	72	37.2
13							4200	36	10.5	4800	53	18.4	4700	61	24.9	4000	67	31.0	3370	71	36.8
14							3600	29	8.7	4100	49	17.5	4260	59	24.3	3700	65	30.5	3160	69	36.4
15							3000	20	6.2	3600	46	16.5	3900	56	23.6	3400	63	29.9	2960	68	35.9
16										3100	42	15.4	3500	54	22.8	3100	61	29.3	2850	66	35.4
18										2400	33	12.5	2700	48	21.0	2720	57	28.0	2550	63	34.3
20										1800	21	8.1	2100	42	18.9	2300	52	26.4	2160	59	33.1
22													1600	35	16.2	1800	48	24.6	1820	55	31.7
24													1200	27	12.5	1500	43	22.4	1450	52	30.0
26																1100	37	19.8	1220	47	28.1
28																900	30	16.4	1000	43	25.9
30																600	21	11.8	800	38	23.3
32																			600	26	20.2
Parts of line	10			10			6			5			4			3			3		