ZOOMLION

ZOOMLION ZAT1200V753 TRUCK CRANE

TECHNICAL SPECIFICATIONS

GQ06522027000000EN

Zoomlion Heavy Industry Science & Technology Co.,Ltd.

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1 Product characteristics

ZOOMLION ZAT1200V7 truck crane, which integrates Zoomlion's years of experience in designing and manufacturing mobile cranes with advanced technology, is a new generation of high-performance product developed to meet the oversea market demands. Its performances, such as lifting height, boom length, working speed and lifting capacity, have achieved advanced international level.

This product is a truck crane of full range slewing function, telescopic boom sections and pilot-operated proportional controlled systems. The crane adopts self-manufactured full-width 4-axle special purpose chassis (8×6 drive, 8×8 steering, hydro-pneumatic suspension), providing wide vision, spacious cab and luxurious equipment.

The latest pilot-operated proportional directional control valve with load-sensitive feedback, variable pump and gear pump system ensure that each executive mechanism makes full use of its working capability. The easy-controlled, flexible, reliable and stepless speed regulated joysticks (L / R) can provide the crane with smooth simultaneous movements between "Spool winches up", "Reel winches off", "Derricking", "Slewing" and "Telescope boom in / out", which greatly improve the crane's working efficiency. The safety devices such as relief valve, balance valve, hydraulic lock and brake valve fitted in hydraulic system prevent the accidents caused by oil line overload and oil pipe ruptures.

The complete lighting systems and the safety devices such as load moment limiter ensure your safety during operation and are convenient for night work.

2 Specifications, complete vehicle

2.1 Product model

Model in engineering industry: ZAT1200V7

Product code: ZAT1200V753

2.2 Technical data

Item		Value	Remarks
Working performance	Max. rated lifting capacity kg	120000	
	Max. load moment of basic boom kN.m	3140	
	Max. load moment of max. length boom kN.m	1811	
	Max. lifting height of basic boom m	14.1	
	Max. lifting height of boom m	66.8	
	Max. lifting height of jib m	84.6	
	Max. lifting height of jib (with optional extension) m	93.9	
Working speeds	Max. hoist rope speed (main winch) m/min	125	
	Max. hoist rope speed (auxiliary winch) m/min	110	
	Boom derricking up time s	58	
	Boom telescoping out time s	880	
	Slewing speed r/min	0-1.6	
Driving	Max. driving speed km/h	80	With 385/95R25 tires
	Max. gradeability %	60	
	Min. turning diameter m	15.75	
	Min. ground clearance mm	326	
	Fuel consumption per hundred kilometers L	63	
Mass	Deadweight in driving condition kg	48000	
	Complete vehicle kerb mass kg	47870	
	Front axle load kg	24000	
	Rear axle load kg	24000	
Dimensions	Overall dimensions (L×W×H) mm	14380×2750×4000	
	Longitudinal distance between outriggers m	7.52	
	Horizontal distance between outriggers m	6.9	Outriggers fully extended
	Tail slewing radius mm	4060	
	Boom length m	12.5-66.0	
	Boom angle °	-1-83	
	Jib length m	10.4, 17.5	
	Jib angle °	0, 15, 30	

2.3 Rated capacity chart

This crane is provided various rated capacity charts. The operator should select proper rated lifting load referring to resp. lifting capacity tables according to actual working conditions.

1. When the rated load ≤60t, a 60t hook should be used;
2. When 60t＜ rated load ≤70t, a 70t hook should be used;
3. When 70t＜ rated load ≤80t, a 80t hook should be used.
4. Rated loads marked with * are nominal values.
5. For boom length marked with ★★, the boom is located over the rear working area.

Table 1 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area															
Working radius (m)	Boom length (m)													Working radius (m)	
	12.5 ★★	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
2.5	120*													2.5	
3.0	80.0	80.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	73.0	71.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	67.0	65.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	62.0	60.0	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	58.0	55.0	30.5	44.0	54.5	54.5	54.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	51.5	47.0	28.0	39.0	48.0	48.0	48.0	19.5	29.0	43.0	46.5	46.5	46.5	6.0	
7.0	45.5	41.0	26.0	35.0	42.0	42.0	42.0	17.8	26.0	38.5	40.5	40.5	40.5	7.0	
8.0	40.0	36.0	24.0	31.5	35.6	35.6	35.6	16.3	23.6	35.0	36.0	36.0	36.0	8.0	
9.0	34.4	32.0	22.5	29.0	33.0	33.0	33.0	15.0	21.8	32.0	32.1	32.1	32.1	9.0	
10.0			21.0	26.5	29.5	29.5	29.5	14.0	20.0	28.9	28.9	28.9	28.9	10.0	
11.0			20.0	24.6	26.5	26.5	26.5	13.0	18.5	26.0	26.0	26.0	26.0	11.0	
12.0			19.0	22.9	23.8	23.8	23.8	12.3	17.2	23.2	23.2	23.2	23.2	12.0	
14.0								10.9	15.1	18.7	18.7	18.7	18.7	14.0	
16.0								9.8	13.5	15.0	15.0	15.0	15.0	16.0	
18.0														18.0	
Reeving		10	9					8						Reeving	
Hook		60t												Hook	
Telescoping mode	Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
	Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
	Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
	Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
	Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
	Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 2 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0	
7.0	15.8	15.6	29.7	39.5	40.5	40.5	13.5	17.5	20.5	32.8	40.0	40.0	7.0	
8.0	14.4	14.2	27.1	36.0	36.0	36.0	12.5	16.0	18.5	30.1	36.2	36.2	8.0	
9.0	13.2	13.0	24.9	32.0	32.0	32.0	11.5	14.5	17.0	27.8	32.8	32.8	9.0	
10.0	12.2	12.0	23.0	29.8	29.8	29.8	10.5	13.5	15.5	25.8	30.2	30.2	10.0	
11.0	11.3	11.2	21.4	27.0	27.0	27.0	9.8	12.5	14.5	24.1	27.2	27.2	11.0	
12.0	10.5	10.4	20.1	24.0	24.0	24.0	9.1	12.0	13.5	22.6	24.5	24.5	12.0	
14.0	9.3	9.1	17.7	19.5	19.5	19.5	8.0	10.6	11.8	19.8	19.8	19.8	14.0	
16.0	8.3	8.1	15.6	15.6	15.6	15.6	7.0	9.5	10.4	16.0	16.0	16.0	16.0	
18.0	7.5	7.3	13.0	13.0	13.0	13.0	6.3	8.6	9.3	13.5	13.5	13.5	18.0	
20.0	6.8	6.6	11.0	11.0	11.0	10.9	5.7	7.8	8.4	11.5	11.5	11.5	20.0	
22.0							5.2	7.1	7.6	10.0	10.0	9.6	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 3 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	33.7	35.8	14.6	18.0	18.0	22.0	27.0	36.5	8.0	
9.0	12.7	15.4	18.0	18.0	31.3	32.2	13.6	16.5	16.5	20.2	25.0	33.5	9.0	
10.0	11.7	14.2	16.6	16.6	29.2	29.2	12.6	15.4	15.0	18.7	23.0	30.0	10.0	
11.0	10.9	13.1	15.4	15.3	26.7	26.7	11.7	14.3	14.0	17.3	21.5	27.5	11.0	
12.0	10.2	12.1	14.3	14.2	24.5	24.5	10.8	13.3	13.0	16.2	20.1	25.0	12.0	
14.0	9.0	10.5	12.5	12.4	20.2	20.2	9.4	11.6	11.3	14.2	17.6	21.0	14.0	
16.0	8.0	9.3	11.0	10.9	16.7	16.7	8.3	10.2	9.9	12.6	15.5	17.5	16.0	
18.0	7.2	8.3	9.8	9.7	14.1	14.1	7.4	9.1	8.8	11.3	13.8	14.8	18.0	
20.0	6.5	7.4	8.8	8.7	12.0	12.0	6.6	8.1	7.9	10.2	12.4	12.7	20.0	
22.0	5.9	6.7	8.0	7.9	10.2	10.2	5.9	7.4	7.1	9.2	11.1	10.9	22.0	
24.0	5.4	6.1	7.3	7.2	8.8	8.6	5.4	6.7	6.4	8.4	9.7	9.3	24.0	
26.0	5.0	5.6	6.7	6.6	7.7	7.3	4.9	6.1	5.8	7.7	8.3	8.0	26.0	
28.0							4.5	5.6	5.3	7.1	7.2	6.9	28.0	
30.0							4.2	5.1	4.8	6.4	6.3	5.9	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 4 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	30.0		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	28.0		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	23.7	25.7		12.5	14.5	17.0	20.7	23.5	11.0	
12.0	11.8	12.3	14.6	18.0	22.1	24.0		11.6	13.5	16.0	19.4	22.0	12.0	
14.0	10.2	10.7	12.8	15.8	19.2	20.4		10.1	11.8	14.0	17.3	19.3	14.0	
16.0	9.0	9.4	11.3	14.1	17.0	17.0		8.9	10.5	12.5	15.5	17.0	16.0	
18.0	8.1	8.3	10.1	12.7	14.5	14.5		7.9	9.4	11.4	13.7	14.4	18.0	
20.0	7.2	7.4	9.1	11.4	12.4	12.3		7.0	8.4	10.3	12.2	12.3	20.0	
22.0	6.5	6.6	8.3	10.3	10.6	10.3		6.3	7.6	9.4	10.6	10.4	22.0	
24.0	6.0	6.0	7.5	9.2	9.2	8.8		5.8	6.9	8.5	9.2	8.8	24.0	
26.0	5.4	5.5	6.9	8.1	7.9	7.5		5.3	6.3	7.7	8.0	7.5	26.0	
28.0	5.0	5.0	6.3	7.0	6.9	6.4		4.8	5.8	7.0	6.9	6.4	28.0	
30.0	4.6	4.6	5.8	6.2	5.8	5.5		4.4	5.3	6.1	5.9	5.4	30.0	
32.0	4.2	4.2	5.3	5.4	5.0	4.7		4.0	4.9	5.3	5.1	4.6	32.0	
34.0	4.0	3.8	4.7	4.7	4.3	4.0		3.7	4.5	4.6	4.4	3.9	34.0	
36.0								3.4	4.1	4.1	3.8	3.3	36.0	
38.0								3.2	3.5	3.5	3.2	2.8	38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 5 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5. ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	20.0	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	15.2	17.5	12.1	14.0	16.0		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	13.7	15.5	10.8	12.5	14.0		11.0	13.0	11.0	9.0	16.0	
18.0	8.9	10.3	12.4	14.0	9.7	11.3	12.8		10.3	11.8	10.5	8.8	18.0	
20.0	8.0	9.3	11.2	12.4	8.8	10.3	11.5		9.3	10.7	9.6	8.5	20.0	
22.0	7.3	8.7	10.0	10.5	8.1	9.4	10.3		8.6	9.7	8.9	8.0	22.0	
24.0	6.6	7.9	9.1	8.9	7.4	8.5	9.1		7.9	8.9	8.2	7.5	24.0	
26.0	6.0	7.2	8.1	7.6	6.8	7.7	7.8		7.3	8.0	7.6	7.0	26.0	
28.0	5.5	6.6	7.0	6.5	6.2	7.0	6.7		6.8	7.1	7.0	6.5	28.0	
30.0	5.1	6.0	6.1	5.6	5.7	6.4	5.8		6.3	6.1	6.4	6.1	30.0	
32.0	4.7	5.4	5.3	4.8	5.3	5.6	5.0		5.8	5.3	5.7	5.6	32.0	
34.0	4.3	4.8	4.6	4.1	4.9	4.9	4.3		5.2	4.6	4.9	5.0	34.0	
36.0	4.0	4.2	4.0	3.4	4.4	4.3	3.7		4.6	4.0	4.3	4.4	36.0	
38.0	3.6	3.6	3.4	2.9	3.9	3.7	3.1		4.1	3.4	3.7	3.8	38.0	
40.0	3.1	3.1	3.0	2.4	3.4	3.2	2.6		3.6	2.9	3.2	3.3	40.0	
42.0	2.7	2.7	2.5	2.0	3.0	2.8	2.2		3.2	2.5	2.8	2.9	42.0	
44.0					2.6	2.4	1.8		2.8	2.1	2.4	2.5	44.0	
46.0					2.2	2.0	1.5		2.4	1.7	2.0	2.1	46.0	
48.0									2.1	1.4	1.7	1.8	48.0	
50.0									1.8	1.1	1.4	1.5	50.0	
52.0											1.1	1.2	52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 6 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)		Boom length (m)												Working radius (m)
		12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★	
3.0		80.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0
3.5		71.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5
4.0		65.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0
4.5		60.0	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5
5.0		55.0	30.5	44.0	54.5	54.5	54.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0
6.0		47.0	28.0	39.0	48.0	48.0	48.0	19.5	29.0	43.0	46.5	46.5	46.5	6.0
7.0		41.0	26.0	35.0	42.0	42.0	42.0	17.8	26.0	38.5	40.5	40.5	40.5	7.0
8.0		36.0	24.0	31.5	35.6	35.6	35.6	16.3	23.6	35.0	36.0	36.0	36.0	8.0
9.0		32.0	22.5	29.0	33.0	33.0	33.0	15.0	21.8	32.0	32.0	32.0	32.0	9.0
10.0			21.0	26.5	29.0	28.5	28.3	14.0	20.0	28.9	28.9	28.6	27.6	10.0
11.0			20.0	24.6	26.0	25.0	25.0	13.0	18.5	25.8	25.0	24.4	24.4	11.0
12.0			19.0	22.9	22.5	22.2	21.5	12.3	17.2	22.5	21.6	21.6	21.2	12.0
14.0								10.9	15.1	18.0	17.2	17.1	15.8	14.0
16.0								9.8	13.5	14.5	14.0	13.3	12.1	16.0
18.0														18.0
Reeving		10	9					8						Reeving
Hook		60t												Hook
Telescoping mode	Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ
	Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ
	Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ
	Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ
	Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ
	Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ

Table 7 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0	
7.0	15.8	15.6	29.7	39.5	40.5	40.5	13.5	17.5	20.5	32.8	40.0	40.0	7.0	
8.0	14.4	14.2	27.1	36.0	36.0	36.0	12.5	16.0	18.5	30.1	36.2	36.2	8.0	
9.0	13.2	13.0	24.9	32.0	32.0	32.0	11.5	14.5	17.0	27.8	32.8	32.8	9.0	
10.0	12.2	12.0	23.0	29.8	29.3	28.0	10.5	13.5	15.5	25.8	30.2	28.8	10.0	
11.0	11.3	11.2	21.4	25.9	24.9	24.7	9.8	12.5	14.5	24.1	25.7	25.5	11.0	
12.0	10.5	10.4	20.1	22.3	22.0	21.9	9.1	12.0	13.5	22.6	22.6	22.6	12.0	
14.0	9.3	9.1	17.6	17.6	17.6	16.4	8.0	10.6	11.8	18.2	18.2	17.1	14.0	
16.0	8.3	8.1	15.0	14.4	14.0	12.7	7.0	9.5	10.4	15.0	14.7	13.4	16.0	
18.0	7.5	7.3	12.5	12.0	11.3	10.0	6.3	8.6	9.3	12.6	11.9	10.7	18.0	
20.0	6.8	6.6	10.5	10.0	9.2	8.0	5.7	7.8	8.4	10.6	9.8	8.6	20.0	
22.0							5.2	7.1	7.6	9.0	8.2	7.0	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 8 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	33.7	35.8	14.6	18.0	18.0	22.0	27.0	36.5	8.0	
9.0	12.7	15.4	18.0	18.0	31.3	32.2	13.6	16.5	16.5	20.2	25.0	33.5	9.0	
10.0	11.7	14.2	16.6	16.6	29.2	29.2	12.6	15.4	15.0	18.7	23.0	30.0	10.0	
11.0	10.9	13.1	15.4	15.3	26.5	26.0	11.7	14.3	14.0	17.3	21.5	26.6	11.0	
12.0	10.2	12.1	14.3	14.2	23.2	23.2	10.8	13.3	13.0	16.2	20.1	23.8	12.0	
14.0	9.0	10.5	12.5	12.4	18.8	17.8	9.4	11.6	11.3	14.2	17.6	18.6	14.0	
16.0	8.0	9.3	11.0	10.9	15.4	14.0	8.3	10.2	9.9	12.6	15.1	14.8	16.0	
18.0	7.2	8.3	9.8	9.7	12.6	11.3	7.4	9.1	8.8	11.3	12.4	12.0	18.0	
20.0	6.5	7.4	8.8	8.7	10.5	9.2	6.6	8.1	7.9	10.2	10.3	9.9	20.0	
22.0	5.9	6.7	8.0	7.9	8.8	7.6	5.9	7.4	7.1	8.8	8.7	8.3	22.0	
24.0	5.4	6.1	7.3	7.2	7.5	6.3	5.4	6.7	6.4	7.5	7.3	6.9	24.0	
26.0	5.0	5.6	6.7	6.6	6.4	5.2	4.9	6.1	5.8	6.4	6.2	5.8	26.0	
28.0							4.5	5.6	5.3	5.5	5.3	4.9	28.0	
30.0							4.2	5.1	4.8	4.7	4.5	4.2	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 9 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	30.0		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	28.0		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	23.7	25.7		12.5	14.5	17.0	20.7	23.5	11.0	
12.0	11.8	12.3	14.6	18.0	22.1	23.3		11.6	13.5	16.0	19.4	22.0	12.0	
14.0	10.2	10.7	12.8	15.8	18.4	18.1		10.1	11.8	14.0	17.3	18.0	14.0	
16.0	9.0	9.4	11.3	14.1	14.6	14.3		8.9	10.5	12.5	14.7	14.2	16.0	
18.0	8.1	8.3	10.1	12.4	11.9	11.6		7.9	9.4	11.4	12.0	11.5	18.0	
20.0	7.2	7.4	9.1	10.4	9.8	9.5		7.0	8.4	10.3	9.9	9.4	20.0	
22.0	6.5	6.6	8.3	8.8	8.2	7.8		6.3	7.6	8.8	8.3	7.8	22.0	
24.0	6.0	6.0	7.5	7.4	6.8	6.5		5.8	6.9	7.5	6.9	6.4	24.0	
26.0	5.4	5.5	6.5	6.3	5.7	5.4		5.3	6.3	6.4	5.8	5.3	26.0	
28.0	5.0	5.0	5.7	5.4	4.8	4.5		4.8	5.8	5.5	4.9	4.4	28.0	
30.0	4.6	4.6	4.9	4.6	4.0	3.7		4.4	5.1	4.7	4.1	3.7	30.0	
32.0	4.2	4.2	4.2	3.9	3.4	3.0		4.0	4.5	4.1	3.5	3.0	32.0	
34.0	4.0	3.8	3.6	3.3	2.8	2.5		3.7	3.9	3.5	2.9	2.4	34.0	
36.0								3.4	3.4	3.0	2.4	1.9	36.0	
38.0								3.2	2.9	2.5	1.9	1.4	38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 10 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	20.0	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	15.2	17.5	12.1	14.0	16.0		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	13.7	14.3	10.8	12.5	14.0		11.0	13.0	11.0	9.0	16.0	
18.0	8.9	10.3	12.2	11.6	9.7	11.3	11.8		10.3	11.8	10.5	8.8	18.0	
20.0	8.0	9.3	10.1	9.5	8.8	10.3	9.8		9.3	10.0	9.6	8.5	20.0	
22.0	7.3	8.7	8.5	7.9	8.1	8.7	8.1		8.6	8.4	8.8	8.0	22.0	
24.0	6.6	7.8	7.1	6.6	7.4	7.4	6.8		7.7	7.1	7.5	7.5	24.0	
26.0	6.0	6.8	6.0	5.5	6.8	6.3	5.7		6.7	6.0	6.3	6.4	26.0	
28.0	5.5	5.8	5.1	4.6	6.1	5.4	4.8		5.8	5.1	5.4	5.5	28.0	
30.0	5.1	5.0	4.3	3.8	5.4	4.6	4.0		5.0	4.3	4.6	4.7	30.0	
32.0	4.7	4.3	3.7	3.1	4.7	4.0	3.3		4.3	3.6	3.9	4.0	32.0	
34.0	4.2	3.7	3.1	2.5	4.1	3.4	2.7		3.7	3.0	3.3	3.4	34.0	
36.0	3.7	3.2	2.6	2.0	3.5	2.8	2.2		3.2	2.5	2.8	2.9	36.0	
38.0	3.2	2.8	2.1	1.6	3.1	2.4	1.8		2.7	2.1	2.3	2.4	38.0	
40.0	2.8	2.4	1.7	1.2	2.7	2.0	1.4		2.3	1.7	1.9	2.0	40.0	
42.0	2.4	2.0	1.3		2.3	1.6	1.0		1.9	1.3	1.5	1.6	42.0	
44.0					2.0	1.3			1.6	1.0	1.2	1.3	44.0	
46.0					1.6				1.3		0.9	1.0	46.0	
48.0									1.0				48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 11 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	80.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	71.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	65.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	60.0	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	55.0	30.5	44.0	54.5	54.5	54.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	47.0	28.0	39.0	48.0	48.0	48.0	19.5	29.0	43.0	46.5	46.5	46.5	6.0	
7.0	41.0	26.0	35.0	42.0	42.0	42.0	17.8	26.0	38.5	40.5	40.5	40.5	7.0	
8.0	36.0	24.0	31.5	35.6	35.6	35.6	16.3	23.6	35.0	36.0	36.0	36.0	8.0	
9.0	32.0	22.5	29.0	33.0	33.0	33.0	15.0	21.8	32.0	32.0	32.0	32.0	9.0	
10.0		21.0	26.5	29.0	28.5	27.5	14.0	20.0	26.5	26.5	26.5	26.5	10.0	
11.0		20.0	24.6	24.5	24.0	23.0	13.0	18.5	25.8	25.0	24.1	22.7	11.0	
12.0		19.0	21.1	21.0	20.5	20.0	12.3	17.2	22.2	21.4	20.5	19.2	12.0	
14.0							10.9	15.1	17.0	16.2	15.4	14.1	14.0	
16.0							9.8	13.2	13.2	12.7	11.9	10.7	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 12 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0	
7.0	15.8	15.6	29.7	39.5	40.5	40.5	13.5	17.5	20.5	32.8	40.0	40.0	7.0	
8.0	14.4	14.2	27.1	36.0	36.0	36.0	12.5	16.0	18.5	30.1	35.2	35.2	8.0	
9.0	13.2	13.0	24.9	32.0	32.0	32.0	11.5	14.5	17.0	27.8	32.8	32.8	9.0	
10.0	12.2	12.0	23.0	29.8	29.3	27.8	10.5	13.5	15.5	25.8	30.2	28.6	10.0	
11.0	11.3	11.2	21.4	25.9	24.9	23.4	9.8	12.5	14.5	24.1	25.7	24.2	11.0	
12.0	10.5	10.4	20.1	22.3	21.3	19.8	9.1	12.0	13.5	21.7	21.7	20.6	12.0	
14.0	9.3	9.1	17.7	17.1	16.1	14.7	8.0	10.6	11.8	17.9	16.9	15.4	14.0	
16.0	8.3	8.1	14.3	13.5	12.6	11.3	7.0	9.5	10.4	14.3	13.3	12.0	16.0	
18.0	7.5	7.3	11.7	10.9	10.0	8.7	6.3	8.6	9.3	11.7	10.7	9.4	18.0	
20.0	6.8	6.6	9.7	9.0	8.1	6.8	5.7	7.8	8.4	9.7	8.7	7.5	20.0	
22.0							5.2	7.1	7.6	8.1	7.2	6.0	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 13 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	33.7	35.8	14.6	18.0	18.0	22.0	27.0	36.5	8.0	
9.0	12.7	15.4	18.0	18.0	31.3	32.2	13.6	16.5	16.5	20.2	25.0	33.5	9.0	
10.0	11.7	14.2	16.6	16.6	29.2	29.2	12.6	15.4	15.0	18.7	23.0	29.0	10.0	
11.0	10.9	13.1	15.4	15.3	26.5	25.0	11.7	14.3	14.0	17.3	21.5	25.9	11.0	
12.0	10.2	12.1	14.3	14.2	22.9	21.4	10.8	13.3	13.0	16.2	20.1	22.2	12.0	
14.0	9.0	10.5	12.5	12.4	17.6	16.2	9.4	11.6	11.3	14.2	17.4	17.0	14.0	
16.0	8.0	9.3	11.0	10.9	14.0	12.7	8.3	10.2	9.9	12.6	13.8	13.4	16.0	
18.0	7.2	8.3	9.8	9.7	11.4	10.1	7.4	9.1	8.8	11.3	11.2	10.8	18.0	
20.0	6.5	7.4	8.8	8.7	9.4	8.1	6.6	8.1	7.9	9.4	9.2	8.8	20.0	
22.0	5.9	6.7	8.0	7.9	7.8	6.6	5.9	7.4	7.1	7.9	7.7	7.3	22.0	
24.0	5.4	6.1	7.0	6.8	6.6	5.4	5.4	6.7	6.4	6.6	6.4	6.0	24.0	
26.0	5.0	5.6	6.0	5.8	5.6	4.4	4.9	6.1	5.8	5.6	5.4	5.0	26.0	
28.0							4.5	5.4	5.0	4.7	4.5	4.1	28.0	
30.0							4.2	4.7	4.4	4.0	3.8	3.4	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 14 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	30.0		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	28.0		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	23.7	25.4		12.5	14.5	17.0	20.7	23.5	11.0	
12.0	11.8	12.3	14.6	18.0	22.1	21.7		11.6	13.5	16.0	19.4	21.5	12.0	
14.0	10.2	10.7	12.8	15.8	16.8	16.5		10.1	11.8	14.0	17.0	16.4	14.0	
16.0	9.0	9.4	11.3	13.8	13.3	12.9		8.9	10.5	12.5	13.4	12.9	16.0	
18.0	8.1	8.3	10.1	11.3	10.7	10.3		7.9	9.4	11.4	10.8	10.3	18.0	
20.0	7.2	7.4	9.1	9.3	8.7	8.3		7.0	8.4	9.4	8.8	8.3	20.0	
22.0	6.5	6.6	8.1	7.7	7.2	6.8		6.3	7.6	7.9	7.3	6.7	22.0	
24.0	6.0	6.0	6.8	6.5	5.9	5.6		5.8	6.9	6.7	6.0	5.5	24.0	
26.0	5.4	5.5	5.8	5.4	4.9	4.5		5.3	6.0	5.6	5.0	4.5	26.0	
28.0	5.0	5.0	4.9	4.6	4.0	3.7		4.8	5.2	4.7	4.1	3.6	28.0	
30.0	4.6	4.5	4.2	3.8	3.3	3.0		4.4	4.5	4.0	3.4	2.9	30.0	
32.0	4.2	4.0	3.5	3.2	2.7	2.3		4.0	3.8	3.4	2.7	2.3	32.0	
34.0	3.9	3.4	3.0	2.6	2.1	1.8		3.7	3.3	2.8	2.2	1.7	34.0	
36.0								3.2	2.8	2.3	1.7	1.3	36.0	
38.0								2.9	2.3	1.9	1.3	0.9	38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 15 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)													Working radius (m)
	48.5	48.5	48.5	48.5. ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0														5.0
6.0														6.0
7.0														7.0
8.0	17.0	19.0	22.0	24.0										8.0
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0							9.0
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0				10.0
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0			11.0
12.0	12.8	14.6	17.2	20.0	13.5	15.5	17.5		13.0	14.0	12.0	9.2		12.0
14.0	11.2	13.0	15.2	16.5	12.1	14.0	16.0		12.0	13.5	11.5	9.1		14.0
16.0	10.0	11.5	13.7	13.0	10.8	12.5	13.2		11.0	12.5	11.0	9.0		16.0
18.0	8.9	10.3	11.1	10.4	9.7	11.3	10.7		10.3	10.5	10.5	8.8		18.0
20.0	8.0	9.3	9.1	8.4	8.8	9.3	8.7		9.3	9.0	9.0	8.5		20.0
22.0	7.3	8.1	7.5	6.9	8.1	7.8	7.2		8.1	7.4	7.5	7.5		22.0
24.0	6.6	7.0	6.2	5.6	7.2	6.6	5.9		6.9	6.2	6.6	6.5		24.0
26.0	6.0	5.9	5.2	4.6	6.3	5.5	4.9		5.9	5.2	5.5	5.5		26.0
28.0	5.5	5.0	4.3	3.8	5.4	4.6	4.0		5.0	4.3	4.7	4.7		28.0
30.0	4.7	4.3	3.6	3.0	4.6	3.9	3.3		4.2	3.5	3.9	4.0		30.0
32.0	4.1	3.6	3.0	2.4	4.0	3.3	2.6		3.6	2.9	3.3	3.3		32.0
34.0	3.6	3.1	2.4	1.9	3.4	2.7	2.1		3.0	2.4	2.7	2.8		34.0
36.0	3.1	2.6	1.9	1.4	2.9	2.2	1.6		2.5	1.9	2.2	2.3		36.0
38.0	2.6	2.2	1.5	1.0	2.5	1.8	1.2		2.1	1.4	1.8	1.8		38.0
40.0	2.2	1.8	1.1		2.1	1.4	0.8		1.7	1.1	1.4	1.4		40.0
42.0	1.9	1.4			1.7	1.0			1.4	0.8	1.0	1.1		42.0
44.0					1.4				1.1			0.8		44.0
46.0					1.1									46.0
48.0														48.0
50.0														50.0
52.0														52.0
54.0														54.0
56.0														56.0
58.0														58.0
60.0														60.0
62.0														62.0
Reeving	3								3					Reeving
Hook	60t													Hook
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 16 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	80.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	71.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	65.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	60.0	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	55.0	30.5	44.0	54.5	54.5	54.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	47.0	28.0	39.0	47.0	47.0	47.0	19.5	29.0	43.0	46.5	46.5	46.5	6.0	
7.0	41.0	26.0	35.0	41.0	41.0	41.0	17.8	26.0	38.5	40.5	40.5	40.5	7.0	
8.0	35.0	24.0	31.5	35.0	35.0	35.0	16.3	23.6	34.4	34.4	34.4	34.4	8.0	
9.0	30.0	22.5	29.0	30.2	30.2	30.2	15.0	21.8	29.5	29.5	29.5	29.5	9.0	
10.0		21.0	26.2	26.2	26.2	26.0	14.0	20.0	25.5	25.5	25.5	25.3	10.0	
11.0		20.0	23.0	22.8	22.2	21.6	13.0	18.5	22.4	22.4	22.3	21.0	11.0	
12.0		19.0	19.8	19.4	18.9	18.3	12.3	17.2	19.7	19.7	18.9	17.7	12.0	
14.0							10.9	15.1	15.6	15.0	14.1	12.9	14.0	
16.0							9.8	12.6	12.3	11.7	10.9	9.7	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 17 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0	
7.0	15.8	15.6	29.7	39.5	40.5	40.5	13.5	17.5	20.5	32.8	40.0	40.0	7.0	
8.0	14.4	14.2	27.1	35.0	35.0	35.0	12.5	16.0	18.5	30.1	35.6	35.6	8.0	
9.0	13.2	13.0	24.9	30.0	30.0	30.0	11.5	14.5	17.0	27.8	30.6	30.6	9.0	
10.0	12.2	12.0	23.0	26.1	26.1	25.9	10.5	13.5	15.5	25.8	26.6	26.6	10.0	
11.0	11.3	11.2	21.4	22.8	22.8	21.5	9.8	12.5	14.5	23.4	23.4	22.4	11.0	
12.0	10.5	10.4	20.1	20.3	19.7	18.2	9.1	12.0	13.5	20.8	20.4	19.0	12.0	
14.0	9.3	9.1	16.2	15.8	14.8	13.4	8.0	10.6	11.8	16.6	15.5	14.2	14.0	
16.0	8.3	8.1	13.2	12.4	11.5	10.2	7.0	9.5	10.4	13.2	12.2	10.9	16.0	
18.0	7.5	7.3	10.7	10.0	9.1	7.9	6.3	8.6	9.3	10.7	9.8	8.5	18.0	
20.0	6.8	6.6	8.9	8.2	7.3	6.1	5.7	7.8	8.4	8.9	8.0	6.7	20.0	
22.0							5.2	7.1	7.6	7.4	6.5	5.3	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 18 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	33.7	35.8	14.6	18.0	18.0	22.0	27.0	36.5	8.0	
9.0	12.7	15.4	18.0	18.0	31.2	31.2	13.6	16.5	16.5	20.2	25.0	32.0	9.0	
10.0	11.7	14.2	16.6	16.6	27.2	27.2	12.6	15.4	15.0	18.7	23.0	27.9	10.0	
11.0	10.9	13.1	15.4	15.3	24.1	23.2	11.7	14.3	14.0	17.3	21.5	24.0	11.0	
12.0	10.2	12.1	14.3	14.2	21.3	19.8	10.8	13.3	13.0	16.2	20.1	20.6	12.0	
14.0	9.0	10.5	12.5	12.4	16.3	15.0	9.4	11.6	11.3	14.2	16.0	15.6	14.0	
16.0	8.0	9.3	11.0	10.9	13.0	11.6	8.3	10.2	9.9	12.6	12.7	12.3	16.0	
18.0	7.2	8.3	9.8	9.7	10.5	9.2	7.4	9.1	8.8	10.5	10.3	9.9	18.0	
20.0	6.5	7.4	8.8	8.7	8.6	7.4	6.6	8.1	7.9	8.7	8.5	8.1	20.0	
22.0	5.9	6.7	7.5	7.3	7.2	6.0	5.9	7.4	7.1	7.2	7.0	6.6	22.0	
24.0	5.4	6.1	6.4	6.2	6.0	4.8	5.4	6.7	6.3	6.0	5.8	5.4	24.0	
26.0	5.0	5.6	5.5	5.3	5.1	3.8	4.9	5.7	5.5	5.1	4.9	4.5	26.0	
28.0							4.5	5.0	4.7	4.3	4.1	3.7	28.0	
30.0							4.2	4.3	4.0	3.6	3.4	3.0	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 19 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	30.0		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	27.4		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	23.7	23.4		12.5	14.5	17.0	20.7	23.5	11.0	
12.0	11.8	12.3	14.6	18.0	20.4	20.1		11.6	13.5	16.0	19.4	20.1	12.0	
14.0	10.2	10.7	12.8	15.8	15.5	15.1		10.1	11.8	14.0	15.6	15.1	14.0	
16.0	9.0	9.4	11.3	12.7	12.2	11.8		8.9	10.5	12.5	12.3	11.8	16.0	
18.0	8.1	8.3	10.1	10.4	9.8	9.4		7.9	9.4	10.4	9.8	9.4	18.0	
20.0	7.2	7.4	8.8	8.5	8.0	7.6		7.0	8.4	8.7	8.0	7.5	20.0	
22.0	6.5	6.6	7.4	7.1	6.5	6.1		6.3	7.6	7.2	6.6	6.1	22.0	
24.0	6.0	6.0	6.2	5.9	5.4	5.0		5.8	6.4	6.0	5.4	4.9	24.0	
26.0	5.4	5.5	5.2	4.9	4.4	4.0		5.3	5.5	5.1	4.5	4.0	26.0	
28.0	5.0	4.8	4.4	4.1	3.6	3.2		4.8	4.7	4.3	3.7	3.2	28.0	
30.0	4.5	4.2	3.7	3.4	2.9	2.5		4.4	4.0	3.6	3.0	2.5	30.0	
32.0	4.0	3.6	3.1	2.8	2.3	1.9		3.9	3.4	3.0	2.4	1.9	32.0	
34.0	3.5	3.1	2.6	2.3	1.8	1.4		3.4	2.9	2.5	1.9	1.4	34.0	
36.0								2.9	2.4	2.0	1.4	1.0	36.0	
38.0								2.4	2.0	1.6	1.0		38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode I	1	1	1	1	2	3		1	1	1	2	3	I	Telescoping mode
Telescoping mode II	1	1	2	3	3	2		1	2	3	3	3	II	
Telescoping mode III	2	3	3	3	2	2		3	3	3	3	2	III	
Telescoping mode IV	3	3	3	2	2	2		3	3	3	2	2	IV	
Telescoping mode V	3	3	2	2	2	2		3	3	2	2	2	V	
Telescoping mode VI	3	2	2	2	2	2		3	2	2	2	2	VI	

Table 20 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	20.0	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	15.2	15.2	12.1	14.0	15.6		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	12.5	11.9	10.8	12.5	12.2		11.0	12.5	11.0	9.0	16.0	
18.0	8.9	10.3	10.1	9.5	9.7	10.4	9.8		10.3	10.1	10.5	8.8	18.0	
20.0	8.0	8.9	8.2	7.7	8.8	8.6	7.9		8.9	8.2	8.6	8.5	20.0	
22.0	7.3	7.5	6.8	6.2	7.8	7.1	6.5		7.4	6.7	7.1	7.2	22.0	
24.0	6.6	6.4	5.6	5.1	6.7	6.0	5.3		6.3	5.5	5.9	6.0	24.0	
26.0	5.7	5.4	4.7	4.1	5.7	5.0	4.3		5.3	4.6	5.0	5.0	26.0	
28.0	5.0	4.5	3.9	3.3	4.9	4.2	3.5		4.5	3.8	4.2	4.2	28.0	
30.0	4.4	3.8	3.2	2.6	4.2	3.5	2.8		3.8	3.1	3.5	3.5	30.0	
32.0	3.7	3.2	2.6	2.0	3.6	2.9	2.2		3.2	2.5	2.9	2.9	32.0	
34.0	3.2	2.7	2.1	1.5	3.0	2.3	1.7		2.7	2.0	2.4	2.4	34.0	
36.0	2.8	2.3	1.6	1.1	2.6	1.9	1.3		2.2	1.6	1.9	1.9	36.0	
38.0	2.4	1.9	1.2		2.2	1.5	0.9		1.8	1.2	1.5	1.5	38.0	
40.0	2.0	1.5	0.9		1.8	1.1			1.4	0.8	1.1	1.2	40.0	
42.0	1.7	1.2			1.5	0.8			1.1		0.8	0.9	42.0	
44.0					1.2				0.8				44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 21 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	78.5	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	70.5	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	64.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	58.5	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	53.5	30.5	44.0	53.5	53.5	53.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	46.0	28.0	39.0	46.0	46.0	46.0	19.5	29.0	43.0	45.5	45.5	45.5	6.0	
7.0	37.5	26.0	35.0	37.5	37.5	37.5	17.8	26.0	37.0	37.0	37.0	37.0	7.0	
8.0	32.0	24.0	31.5	31.5	31.5	31.5	16.3	23.6	31.0	31.0	31.0	31.0	8.0	
9.0	25.0	22.5	27.0	26.6	26.0	25.3	15.0	21.8	26.5	26.5	26.0	24.4	9.0	
10.0		21.0	22.0	21.6	21.0	20.4	14.0	20.0	22.9	22.0	21.0	19.6	10.0	
11.0		18.6	18.3	17.9	17.4	16.8	13.0	18.5	19.2	18.3	17.4	16.0	11.0	
12.0		15.9	15.5	15.1	14.6	14.0	12.3	16.8	16.3	15.5	14.6	13.3	12.0	
14.0							10.9	12.8	12.2	11.5	10.6	9.4	14.0	
16.0							9.8	10.0	9.4	8.7	7.9	6.7	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 22 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0	
7.0	15.8	15.6	29.7	37.5	37.5	37.5	13.5	17.5	20.5	32.8	38.2	38.2	7.0	
8.0	14.4	14.2	27.1	31.5	31.5	31.5	12.5	16.0	18.5	30.1	32.2	32.2	8.0	
9.0	13.2	13.0	24.9	27.0	26.8	25.1	11.5	14.5	17.0	27.6	27.6	26.0	**9.0**	
10.0	12.2	12.0	23.0	23.0	21.8	20.2	10.5	13.5	15.5	23.8	22.7	21.1	10.0	
11.0	11.3	11.2	20.0	19.2	18.1	16.7	9.8	12.5	14.5	20.1	19.0	17.5	11.0	
12.0	10.5	10.4	17.2	16.4	15.3	13.9	9.1	12.0	13.5	17.2	16.1	14.7	12.0	
14.0	9.3	9.1	13.1	12.3	11.3	10.0	8.0	10.6	11.8	13.1	12.0	10.7	14.0	
16.0	8.3	8.1	10.3	9.5	8.6	7.3	7.0	9.5	10.3	10.3	9.2	8.0	16.0	
18.0	7.5	7.3	8.3	7.5	6.6	5.3	6.3	8.5	8.4	8.2	7.2	6.0	18.0	
20.0	6.8	6.6	6.7	5.9	5.1	3.8	5.7	7.1	6.9	6.6	5.7	4.5	20.0	
22.0							5.2	5.9	5.7	5.4	4.5	3.3	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 23 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.0	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	32.8	32.8	14.6	18.0	18.0	22.0	27.0	33.5	**8.0**	
9.0	12.7	15.4	18.0	18.0	28.2	27.0	13.6	16.5	16.5	20.2	25.0	27.8	9.0	
10.0	11.7	14.2	16.6	16.6	23.6	21.9	12.6	15.4	15.0	18.7	23.0	22.8	10.0	
11.0	10.9	13.1	15.4	15.3	19.8	18.2	11.7	14.3	14.0	17.3	19.5	19.1	11.0	
12.0	10.2	12.1	14.3	14.2	16.9	15.4	10.8	13.3	13.0	16.2	16.7	16.2	12.0	
14.0	9.0	10.5	12.5	12.4	12.8	11.3	9.4	11.6	11.3	12.8	12.5	12.1	14.0	
16.0	8.0	9.3	10.4	10.2	10.0	8.6	8.3	10.1	9.9	10.0	9.7	9.3	16.0	
18.0	7.2	8.3	8.3	8.2	8.0	6.6	7.4	8.7	8.3	8.0	7.7	7.3	18.0	
20.0	6.5	7.2	6.8	6.6	6.4	5.1	6.6	7.2	6.8	6.4	6.2	5.8	20.0	
22.0	5.8	6.0	5.6	5.4	5.2	4.0	5.9	6.0	5.6	5.2	5.0	4.6	22.0	
24.0	5.3	5.0	4.6	4.4	4.2	3.0	5.3	5.0	4.6	4.2	4.0	3.6	24.0	
26.0	4.5	4.2	3.8	3.6	3.4	2.2	4.6	4.1	3.8	3.4	3.2	2.8	26.0	
28.0							3.9	3.5	3.1	2.7	2.5	2.1	28.0	
30.0							3.3	2.9	2.5	2.2	2.0	1.6	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 24 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.2	26.6		14.5	16.7	19.5	23.0	26.2	9.0	
10.0	13.6	14.3	17.0	20.0	22.8	22.3		13.5	15.5	18.0	22.0	22.0	10.0	
11.0	12.6	13.2	15.7	19.0	19.0	18.5		12.5	14.5	17.0	19.1	18.5	11.0	
12.0	11.8	12.3	14.6	16.7	16.1	15.7		11.6	13.5	16.0	16.3	15.6	12.0	
14.0	10.2	10.7	12.8	12.6	12.0	11.6		10.1	11.8	12.8	12.1	11.6	14.0	
16.0	9.0	9.4	10.2	9.8	9.2	8.8		8.9	10.5	10.0	9.3	8.8	16.0	
18.0	8.1	8.3	8.2	7.8	7.2	6.8		7.9	8.5	8.0	7.3	6.8	18.0	
20.0	7.2	7.1	6.6	6.2	5.7	5.3		7.0	6.9	6.4	5.8	5.3	20.0	
22.0	6.3	5.9	5.4	5.0	4.5	4.1		6.1	5.7	5.2	4.6	4.1	22.0	
24.0	5.3	4.9	4.4	4.0	3.5	3.2		5.2	4.7	4.2	3.6	3.1	24.0	
26.0	4.5	4.1	3.6	3.2	2.7	2.4		4.4	3.9	3.4	2.8	2.3	26.0	
28.0	3.8	3.4	2.9	2.5	2.0	1.7		3.7	3.2	2.7	2.1	1.6	28.0	
30.0	3.2	2.8	2.3	2.0	1.4	1.1		3.1	2.6	2.2	1.6	1.1	30.0	
32.0	2.7	2.3	1.8	1.5	1.0			2.6	2.1	1.7	1.1		32.0	
34.0	2.3	1.9	1.4	1.1				2.2	1.7	1.2			34.0	
36.0								1.8	1.3	0.9			36.0	
38.0								1.5					38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 25 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	21.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	18.6	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	16.4	15.8	13.5	15.5	16.1		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	12.3	11.7	12.1	12.7	12.0		12.0	12.3	11.5	9.1	14.0	
16.0	10.0	10.3	9.6	9.0	10.7	9.9	9.2		10.2	9.5	10.0	9.0	16.0	
18.0	8.8	8.3	7.5	6.9	8.7	7.9	7.2		8.2	7.5	7.8	8.0	18.0	
20.0	7.2	6.7	6.0	5.4	7.1	6.3	5.6		6.6	6.0	6.3	6.3	20.0	
22.0	6.0	5.5	4.8	4.2	5.9	5.1	4.4		5.4	4.8	5.1	5.1	22.0	
24.0	5.0	4.5	3.8	3.2	4.9	4.1	3.4		4.5	3.8	4.1	4.1	24.0	
26.0	4.2	3.7	3.0	2.4	4.0	3.3	2.6		3.7	3.0	3.3	3.3	26.0	
28.0	3.5	3.0	2.3	1.8	3.3	2.6	2.0		3.0	2.3	2.6	2.7	28.0	
30.0	2.9	2.4	1.8	1.2	2.8	2.0	1.4		2.4	1.7	2.0	2.1	30.0	
32.0	2.4	1.9	1.3		2.1	1.5	0.9		1.9	1.2	1.5	1.6	32.0	
34.0	2.0	1.5	0.8		1.8	1.1			1.4		1.1	1.2	34.0	
36.0	1.6	1.1			1.4				1.0				36.0	
38.0	1.3				1.1								38.0	
40.0	1.0												40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode I	1	1	2	3	1	2	3		2	3	3	4	I	Telescoping mode
Telescoping mode II	2	3	3	3	3	3	3		3	3	3	4	II	
Telescoping mode III	3	3	3	3	3	3	3		3	3	3	4	III	
Telescoping mode IV	3	3	3	2	3	3	3		3	3	3	4	IV	
Telescoping mode V	3	3	2	2	3	3	2		3	3	3	4	V	
Telescoping mode VI	3	2	2	2	3	2	2		3	2	3	4	VI	

Table 26 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
2.5	120.0*												2.5	
3.0	80.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	71.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	65.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	60.0	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	55.0	30.5	44.0	54.5	54.5	54.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	47.0	28.0	39.0	48.0	48.0	48.0	19.5	29.0	43.0	46.5	46.5	46.5	6.0	
7.0	41.0	26.0	35.0	42.0	42.0	42.0	17.8	26.0	38.5	40.5	40.5	40.5	7.0	
8.0	36.0	24.0	31.5	35.6	35.6	35.6	16.3	23.6	35.0	36.0	36.0	36.0	8.0	
9.0	32.0	22.5	29.0	33.0	33.0	33.0	15.0	21.8	32.0	32.1	32.1	32.1	9.0	
10.0		21.0	26.5	29.5	29.5	29.5	14.0	20.0	28.9	28.9	28.9	28.9	10.0	
11.0		20.0	24.6	26.5	26.5	26.5	13.0	18.5	26.0	26.0	26.0	26.0	11.0	
12.0		19.0	22.9	23.8	23.8	23.8	12.3	17.2	23.2	23.2	23.2	23.2	12.0	
14.0							10.9	15.1	18.7	18.7	18.7	18.7	14.0	
16.0							9.8	13.5	15.0	15.0	15.0	14.8	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 27 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0	
7.0	15.8	15.6	29.7	39.5	40.5	40.5	13.5	17.5	20.5	32.8	40.0	40.0	7.0	
8.0	14.4	14.2	27.1	36.0	36.0	36.0	12.5	16.0	18.5	30.1	36.2	36.2	8.0	
9.0	13.2	13.0	24.9	32.0	32.0	32.0	11.5	14.5	17.0	27.8	32.8	32.8	9.0	
10.0	12.2	12.0	23.0	29.8	29.8	29.8	10.5	13.5	15.5	25.8	30.2	30.2	10.0	
11.0	11.3	11.2	21.4	27.0	27.0	27.0	9.8	12.5	14.5	24.1	27.2	27.2	11.0	
12.0	10.5	10.4	20.1	24.0	24.0	24.0	9.1	12.0	13.5	22.6	24.5	24.5	12.0	
14.0	9.3	9.1	17.7	19.5	19.5	19.5	8.0	10.6	11.8	19.8	19.8	19.8	14.0	
16.0	8.3	8.1	15.6	15.6	15.6	15.4	7.0	9.5	10.4	16.0	16.0	16.0	16.0	
18.0	7.5	7.3	13.0	13.0	13.0	12.3	6.3	8.6	9.3	13.5	13.5	13.0	18.0	
20.0	6.8	6.6	11.0	11.0	11.0	10.0	5.7	7.8	8.4	11.5	11.5	10.6	20.0	
22.0							5.2	7.1	7.6	10.0	10.0	8.7	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 28 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	33.7	35.8	14.6	18.0	18.0	22.0	27.0	36.5	8.0	
9.0	12.7	15.4	18.0	18.0	31.3	32.2	13.6	16.5	16.5	20.2	25.0	33.5	9.0	
10.0	11.7	14.2	16.6	16.6	29.2	29.2	12.6	15.4	15.0	18.7	23.0	30.0	10.0	
11.0	10.9	13.1	15.4	15.3	26.7	26.7	11.7	14.3	14.0	17.3	21.5	27.5	11.0	
12.0	10.2	12.1	14.3	14.2	24.5	24.5	10.8	13.3	13.0	16.2	20.1	25.0	12.0	
14.0	9.0	10.5	12.5	12.4	20.2	20.2	9.4	11.6	11.3	14.2	17.6	21.0	14.0	
16.0	8.0	9.3	11.0	10.9	16.7	16.7	8.3	10.2	9.9	12.6	15.5	17.5	16.0	
18.0	7.2	8.3	9.8	9.7	14.1	13.6	7.4	9.1	8.8	11.3	13.8	14.3	18.0	
20.0	6.5	7.4	8.8	8.7	12.0	11.3	6.6	8.1	7.9	10.2	12.2	11.9	20.0	
22.0	5.9	6.7	8.0	7.9	10.2	9.4	5.9	7.4	7.1	9.2	10.4	10.0	22.0	
24.0	5.4	6.1	7.3	7.2	8.8	7.9	5.4	6.7	6.4	8.4	8.9	8.5	24.0	
26.0	5.0	5.6	6.7	6.6	7.7	6.7	4.9	6.1	5.8	7.7	7.7	7.3	26.0	
28.0							4.5	5.6	5.3	6.8	6.6	6.2	28.0	
30.0							4.2	5.1	4.8	6.0	5.7	5.3	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 29 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	30.0		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	28.0		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	23.7	25.7		12.5	14.5	17.0	20.7	23.5	11.0	
12.0	11.8	12.3	14.6	18.0	22.1	24.0		11.6	13.5	16.0	19.4	22.0	12.0	
14.0	10.2	10.7	12.8	15.8	19.2	20.4		10.1	11.8	14.0	17.3	19.3	14.0	
16.0	9.0	9.4	11.3	14.1	17.0	17.0		8.9	10.5	12.5	15.5	17.0	16.0	
18.0	8.1	8.3	10.1	12.7	14.1	13.9		7.9	9.4	11.4	13.7	13.8	18.0	
20.0	7.2	7.4	9.1	11.4	11.9	11.5		7.0	8.4	10.3	11.9	11.4	20.0	
22.0	6.5	6.6	8.3	10.3	10.0	9.6		6.3	7.6	9.4	10.0	9.5	22.0	
24.0	6.0	6.0	7.5	9.0	8.4	8.1		5.8	6.9	8.5	8.5	8.0	24.0	
26.0	5.4	5.5	6.9	7.7	7.2	6.8		5.3	6.3	7.7	7.3	6.8	26.0	
28.0	5.0	5.0	6.3	6.7	6.1	5.8		4.8	5.8	6.8	6.2	5.8	28.0	
30.0	4.6	4.6	5.8	5.8	5.2	4.9		4.4	5.3	6.0	5.3	4.9	30.0	
32.0	4.2	4.2	5.3	5.0	4.5	4.1		4.0	4.9	5.2	4.6	4.1	32.0	
34.0	4.0	3.8	4.7	4.3	3.8	3.5		3.7	4.5	4.5	3.9	3.4	34.0	
36.0								3.4	4.1	3.9	3.3	2.9	36.0	
38.0								3.2	3.5	3.4	2.8	2.3	38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 30 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5. ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	20.0	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	15.2	17.5	12.1	14.0	16.0		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	13.7	15.5	10.8	12.5	14.0		11.0	13.0	11.0	9.0	16.0	
18.0	8.9	10.3	12.4	14.0	9.7	11.3	12.8		10.3	11.8	10.5	8.8	18.0	
20.0	8.0	9.3	11.2	11.6	8.8	10.3	11.5		9.3	10.7	9.6	8.5	20.0	
22.0	7.3	8.7	10.0	9.7	8.1	9.4	9.9		8.6	9.7	8.9	8.0	22.0	
24.0	6.6	7.9	8.7	8.2	7.4	8.5	8.4		7.9	8.7	8.2	7.5	24.0	
26.0	6.0	7.2	7.5	6.9	6.8	7.7	7.2		7.3	7.5	7.6	7.0	26.0	
28.0	5.5	6.6	6.5	5.9	6.2	6.7	6.1		6.8	6.4	6.7	6.5	28.0	
30.0	5.1	6.0	5.6	5.0	5.7	5.9	5.2		6.2	5.5	5.9	5.9	30.0	
32.0	4.7	5.4	4.8	4.2	5.3	5.1	4.5		5.4	4.8	5.1	5.1	32.0	
34.0	4.3	4.8	4.1	3.6	4.9	4.4	3.8		4.7	4.1	4.4	4.4	34.0	
36.0	4.0	4.2	3.5	3.0	4.4	3.8	3.2		4.1	3.5	3.8	3.9	36.0	
38.0	3.6	3.6	3.0	2.5	3.9	3.3	2.7		3.6	3.0	3.3	3.4	38.0	
40.0	3.1	3.1	2.5	2.0	3.4	2.8	2.2		3.1	2.5	2.8	2.9	40.0	
42.0	2.7	2.7	2.1	1.6	3.0	2.4	1.8		2.7	2.1	2.4	2.5	42.0	
44.0					2.6	2.0	1.4		2.3	1.7	2.0	2.1	44.0	
46.0					2.2	1.7	1.1		2.0	1.4	1.7	1.8	46.0	
48.0									1.7	1.1	1.4	1.5	48.0	
50.0											1.1	1.2	50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 31 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	80.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	71.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	65.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	60.0	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	55.0	30.5	44.0	54.5	54.5	54.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	47.0	28.0	39.0	47.0	47.0	47.0	19.5	29.0	43.0	46.5	46.5	46.5	6.0	
7.0	41.0	26.0	35.0	41.0	41.0	41.0	17.8	26.0	38.5	40.5	40.5	40.5	7.0	
8.0	36.0	24.0	31.5	35.6	35.6	35.6	16.3	23.6	35.0	35.7	35.7	35.7	8.0	
9.0	31.0	22.5	29.0	31.2	31.2	31.2	15.0	21.8	30.5	30.5	30.5	30.5	9.0	
10.0		21.0	26.5	27.2	27.2	27.2	14.0	20.0	26.6	26.6	26.6	26.6	10.0	
11.0		20.0	24.6	24.5	23.9	23.9	13.0	18.5	24.3	23.3	23.3	23.3	11.0	
12.0		19.0	22.0	21.5	21.2	20.8	12.3	17.2	22.0	21.4	20.6	20.0	12.0	
14.0							10.9	15.1	17.5	16.8	16.0	14.8	14.0	
16.0							9.8	13.5	13.8	13.2	12.5	11.3	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 32 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight, over side or rear working area															
Working radius (m)	Boom length (m)												Working radius (m)		
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★			
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0		
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5		
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0		
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5		
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0		
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0		
7.0	15.8	15.6	29.7	39.5	40.5	40.5	13.5	17.5	20.5	32.8	40.0	40.0	7.0		
8.0	14.4	14.2	27.1	36.0	36.0	36.0	12.5	16.0	18.5	30.1	36.2	36.2	8.0		
9.0	13.2	13.0	24.9	31.0	31.0	31.0	11.5	14.5	17.0	27.8	31.6	31.6	9.0		
10.0	12.2	12.0	23.0	27.0	27.0	27.0	10.5	13.5	15.5	25.8	27.5	27.5	10.0		
11.0	11.3	11.2	21.4	23.7	23.7	23.7	9.8	12.5	14.5	24.1	24.4	24.4	11.0		
12.0	10.5	10.4	20.1	21.0	21.0	20.7	9.1	12.0	13.5	21.7	21.7	21.4	12.0		
14.0	9.3	9.1	17.0	16.8	16.8	15.5	8.0	10.6	11.8	17.5	17.5	16.2	14.0		
16.0	8.3	8.1	14.5	13.7	13.2	11.9	7.0	9.5	10.4	14.3	13.9	12.6	16.0		
18.0	7.5	7.3	12.0	11.3	10.6	9.3	6.3	8.6	9.3	11.9	11.3	10.0	18.0		
20.0	6.8	6.6	10.1	9.4	8.6	7.3	5.7	7.8	8.4	10.0	9.3	8.0	20.0		
22.0							5.2	7.1	7.6	8.5	7.7	6.4	22.0		
24.0													24.0		
26.0													26.0		
Reeving	8						6						Reeving		
Hook	60t												Hook		
Telescoping mode	Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
	Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
	Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
	Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
	Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
	Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 33 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	33.7	35.8	14.6	18.0	18.0	22.0	27.0	36.5	8.0	
9.0	12.7	15.4	18.0	18.0	31.3	32.2	13.6	16.5	16.5	20.2	25.0	33.5	9.0	
10.0	11.7	14.2	16.6	16.6	28.7	28.7	12.6	15.4	15.0	18.7	23.0	30.0	10.0	
11.0	10.9	13.1	15.4	15.3	25.0	25.0	11.7	14.3	14.0	17.3	21.5	26.0	11.0	
12.0	10.2	12.1	14.3	14.2	22.2	22.2	10.8	13.3	13.0	16.2	20.1	23.0	12.0	
14.0	9.0	10.5	12.5	12.4	18.0	16.9	9.4	11.6	11.3	14.2	17.6	17.7	14.0	
16.0	8.0	9.3	11.0	10.9	14.6	13.3	8.3	10.2	9.9	12.6	14.3	14.0	16.0	
18.0	7.2	8.3	9.8	9.7	11.9	10.6	7.4	9.1	8.8	11.3	11.6	11.3	18.0	
20.0	6.5	7.4	8.8	8.7	9.9	8.6	6.6	8.1	7.9	9.8	9.6	9.3	20.0	
22.0	5.9	6.7	8.0	7.9	8.3	7.1	5.9	7.4	7.1	8.3	8.0	7.7	22.0	
24.0	5.4	6.1	7.3	7.2	7.0	5.8	5.4	6.7	6.4	7.0	6.7	6.4	24.0	
26.0	5.0	5.6	6.3	6.1	6.0	4.8	4.9	6.1	5.8	6.0	5.7	5.4	26.0	
28.0							4.5	5.6	5.3	5.1	4.8	4.5	28.0	
30.0							4.2	5.0	4.6	4.3	4.1	3.8	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 34 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	30.0		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	28.0		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	23.7	25.0		12.5	14.5	17.0	20.7	23.5	11.0	
12.0	11.8	12.3	14.6	18.0	22.1	22.4		11.6	13.5	16.0	19.4	22.0	12.0	
14.0	10.2	10.7	12.8	15.8	17.4	17.1		10.1	11.8	14.0	17.3	17.0	14.0	
16.0	9.0	9.4	11.3	14.1	13.8	13.4		8.9	10.5	12.5	13.9	13.4	16.0	
18.0	8.1	8.3	10.1	11.6	11.1	10.8		7.9	9.4	11.4	11.3	10.8	18.0	
20.0	7.2	7.4	9.1	9.7	9.1	8.8		7.0	8.4	9.9	9.3	8.8	20.0	
22.0	6.5	6.6	8.3	8.2	7.6	7.3		6.3	7.6	8.4	7.7	7.2	22.0	
24.0	6.0	6.0	7.1	6.9	6.3	6.0		5.8	6.9	7.1	6.4	5.9	24.0	
26.0	5.4	5.5	6.1	5.8	5.2	4.9		5.3	6.3	6.0	5.4	4.9	26.0	
28.0	5.0	5.0	5.2	4.9	4.4	4.1		4.8	5.5	5.1	4.5	4.0	28.0	
30.0	4.6	4.6	4.5	4.2	3.6	3.3		4.4	4.8	4.3	3.8	3.3	30.0	
32.0	4.2	4.2	3.8	3.5	3.0	2.7		4.0	4.1	3.6	3.1	2.6	32.0	
34.0	4.0	3.7	3.3	3.0	2.4	2.1		3.7	3.6	3.1	2.6	2.1	34.0	
36.0								3.4	3.0	2.6	2.1	1.6	36.0	
38.0								3.2	2.6	2.2	1.6	1.1	38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 35 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	20.0	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	15.2	17.2	12.1	14.0	16.0		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	13.7	13.6	10.8	12.5	13.8		11.0	13.0	11.0	9.0	16.0	
18.0	8.9	10.3	11.4	10.9	9.7	11.3	11.2		10.3	11.5	10.5	8.8	18.0	
20.0	8.0	9.3	9.5	8.9	8.8	9.7	9.1		9.3	9.5	9.6	8.5	20.0	
22.0	7.3	8.5	8.0	7.3	8.1	8.2	7.6		8.5	7.9	8.2	8.0	22.0	
24.0	6.6	7.4	6.7	6.0	7.4	7.0	6.3		7.3	6.6	6.9	7.0	24.0	
26.0	6.0	6.3	5.6	5.0	6.5	5.9	5.3		6.2	5.6	5.9	5.9	26.0	
28.0	5.5	5.4	4.7	4.1	5.7	5.0	4.4		5.3	4.7	5.0	5.0	28.0	
30.0	5.0	4.6	3.9	3.3	4.9	4.2	3.6		4.6	3.9	4.2	4.3	30.0	
32.0	4.4	4.0	3.3	2.7	4.3	3.6	3.0		3.9	3.3	3.6	3.7	32.0	
34.0	3.8	3.4	2.7	2.2	3.7	3.0	2.4		3.3	2.7	3.0	3.1	34.0	
36.0	3.3	2.9	2.2	1.7	3.2	2.5	1.9		2.8	2.2	2.5	2.6	36.0	
38.0	2.9	2.5	1.8	1.3	2.8	2.1	1.5		2.4	1.8	2.1	2.1	38.0	
40.0	2.5	2.1	1.4	0.9	2.4	1.7	1.1		2.0	1.4	1.7	1.7	40.0	
42.0	2.2	1.7	1.1		2.0	1.3			1.6	1.0	1.3	1.4	42.0	
44.0					1.7	1.0			1.3		1.0	1.1	44.0	
46.0					1.4				1.0				46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 36 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	80.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	71.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	65.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	59.5	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	55.0	30.5	44.0	54.5	54.5	54.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	47.0	28.0	39.0	47.0	47.0	47.0	19.5	29.0	43.0	46.5	46.5	46.5	6.0	
7.0	41.0	26.0	35.0	41.0	41.0	41.0	17.8	26.0	38.5	40.5	40.5	40.5	7.0	
8.0	35.0	24.0	31.5	35.0	35.0	35.0	16.3	23.6	34.5	34.5	34.5	34.5	8.0	
9.0	30.0	22.5	29.0	30.0	30.0	30.0	15.0	21.8	29.5	29.5	29.5	29.5	9.0	
10.0		21.0	26.2	26.2	26.2	26.2	14.0	20.0	25.5	25.5	25.5	25.5	10.0	
11.0		20.0	23.0	23.0	22.5	22.0	13.0	18.5	22.4	22.4	22.4	21.6	11.0	
12.0		19.0	20.0	19.5	19.0	18.5	12.3	17.2	19.7	19.7	19.5	18.2	12.0	
14.0							10.9	15.1	15.6	15.4	14.6	13.3	14.0	
16.0							9.8	12.6	12.6	12.0	11.2	10.0	**16.0**	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 37 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight, over side or rear working area															
Working radius (m)	Boom length (m)												Working radius (m)		
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★			
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0		
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5		
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0		
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5		
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0		
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0		
7.0	15.8	15.6	29.7	39.5	40.5	40.5	13.5	17.5	20.5	32.8	40.0	40.0	7.0		
8.0	14.4	14.2	27.1	35.0	35.0	35.0	12.5	16.0	18.5	30.1	35.6	35.6	8.0		
9.0	13.2	13.0	24.9	30.0	30.0	30.0	11.5	14.5	17.0	27.8	.30.6	30.6	9.0		
10.0	12.2	12.0	23.0	26.0	26.0	26.0	10.5	13.5	15.5	25.8	26.5	26.5	10.0		
11.0	11.3	11.2	21.4	22.8	22.8	22.3	9.8	12.5	14.5	23.4	23.4	23.0	11.0		
12.0	10.5	10.4	20.1	20.3	20.3	18.9	9.1	12.0	13.5	20.8	20.8	19.6	12.0		
14.0	9.3	9.1	16.2	16.2	15.3	14.0	8.0	10.6	11.8	16.7	16.0	14.6	14.0		
16.0	8.3	8.1	13.2	12.8	11.9	10.6	7.0	9.5	10.4	13.6	12.6	11.3	16.0		
18.0	7.5	7.3	10.8	10.3	9.3	8.2	6.3	8.6	9.3	11.1	10.1	8.8	18.0		
20.0	6.8	6.6	9.0	8.4	7.5	6.3	5.7	7.8	8.4	9.2	8.3	7.0	20.0		
22.0							5.2	7.1	7.6	7.7	6.8	5.5	22.0		
24.0													24.0		
26.0													26.0		
Reeving	8						6						Reeving		
Hook	60t												Hook		
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode	
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ		
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ		
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ		
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ		
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ		

Table 38 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	33.7	34.8	14.6	18.0	18.0	22.0	27.0	36.5	8.0	
9.0	12.7	15.4	18.0	18.0	31.0	31.0	13.6	16.5	16.5	20.2	25.0	32.0	9.0	
10.0	11.7	14.2	16.6	16.6	27.2	27.2	12.6	15.4	15.0	18.7	23.0	28.0	10.0	
11.0	10.9	13.1	15.4	15.3	24.0	23.9	11.7	14.3	14.0	17.3	21.5	24.8	11.0	
12.0	10.2	12.1	14.3	14.2	21.5	20.4	10.8	13.3	13.0	16.2	20.0	21.2	12.0	
14.0	9.0	10.5	12.5	12.4	16.8	15.4	9.4	11.6	11.3	14.2	16.5	16.1	14.0	
16.0	8.0	9.3	11.0	10.9	13.3	12.0	8.3	10.2	9.9	12.6	13.1	12.7	16.0	
18.0	7.2	8.3	9.8	9.7	10.8	9.5	7.4	9.1	8.8	10.8	10.6	10.2	18.0	
20.0	6.5	7.4	8.8	8.7	8.9	7.6	6.6	8.1	7.9	8.9	8.7	8.3	20.0	
22.0	5.9	6.7	7.8	7.6	7.4	6.1	5.9	7.4	7.1	7.4	7.2	6.8	22.0	
24.0	5.4	6.1	6.6	6.4	6.2	5.0	5.4	6.7	6.4	6.2	6.0	5.6	24.0	
26.0	5.0	5.6	5.6	5.4	5.2	4.0	4.9	5.9	5.6	5.2	5.0	4.6	26.0	
28.0							4.5	5.1	4.8	4.4	4.2	3.8	28.0	
30.0							4.2	4.4	4.1	3.7	3.5	3.1	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 39 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	30.0		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	27.3		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	23.7	24.2		12.5	14.5	17.0	20.7	23.5	11.0	
12.0	11.8	12.3	14.6	18.0	21.1	20.7		11.6	13.5	16.0	19.4	20.5	12.0	
14.0	10.2	10.7	12.8	15.8	16.1	15.7		10.1	11.8	14.0	16.1	15.5	14.0	
16.0	9.0	9.4	11.3	13.1	12.6	12.2		8.9	10.5	12.5	12.7	12.2	16.0	
18.0	8.1	8.3	10.1	10.7	10.1	9.7		7.9	9.4	10.7	10.2	9.7	18.0	
20.0	7.2	7.4	9.1	8.8	8.2	7.8		7.0	8.4	9.0	8.3	7.8	20.0	
22.0	6.5	6.6	7.5	7.3	6.7	6.3		6.3	7.6	7.5	6.8	6.3	22.0	
24.0	6.0	6.0	6.4	6.1	5.5	5.1		5.8	6.6	6.2	5.6	5.1	24.0	
26.0	5.4	5.5	5.4	5.1	4.5	4.2		5.3	5.7	5.2	4.6	4.1	26.0	
28.0	5.0	5.0	4.6	4.2	3.7	3.3		4.8	4.8	4.4	3.8	3.3	28.0	
30.0	4.6	4.3	3.8	3.5	3.0	2.6		4.4	4.1	3.7	3.1	2.6	30.0	
32.0	4.1	3.7	3.2	2.9	2.4	2.0		4.0	3.5	3.1	2.5	2.0	32.0	
34.0	3.5	3.2	2.7	2.4	1.9	1.5		3.4	3.0	2.5	2.0	1.5	34.0	
36.0								2.9	2.5	2.1	1.5	1.0	36.0	
38.0								2.4	2.1	1.7	1.1		38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 40 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	20.0	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	15.2	15.7	12.1	14.0	15.8		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	13.0	12.3	10.8	12.5	12.5		11.0	12.5	11.0	9.0	16.0	
18.0	8.9	10.3	10.5	9.8	9.7	10.7	10.0		10.3	10.0	10.5	8.8	18.0	
20.0	8.0	9.3	8.5	7.9	8.8	8.9	8.2		9.2	8.5	9.0	8.5	20.0	
22.0	7.3	7.8	7.0	6.4	8.1	7.4	6.7		7.7	7.0	7.5	7.5	22.0	
24.0	6.6	6.5	5.8	5.2	6.9	6.1	5.5		6.5	5.8	6.2	6.3	24.0	
26.0	6.0	5.5	4.8	4.2	5.9	5.1	4.5		5.5	4.8	5.2	5.3	26.0	
28.0	5.2	4.7	4.0	3.4	5.0	4.3	3.6		4.6	4.0	4.3	4.4	28.0	
30.0	4.5	4.0	3.3	2.7	4.3	3.6	3.0		3.9	3.2	3.6	3.7	30.0	
32.0	3.8	3.3	2.7	2.1	3.7	3.0	2.3		3.3	2.6	3.0	3.0	32.0	
34.0	3.3	2.8	2.1	1.6	3.1	2.4	1.8		2.7	2.1	2.4	2.5	34.0	
36.0	2.8	2.3	1.7	1.1	2.6	1.9	1.3		2.3	1.6	2.0	2.0	36.0	
38.0	2.4	1.9	1.3		2.2	1.5	0.9		1.8	1.2	1.5	1.6	38.0	
40.0	2.0	1.6	0.9		1.8	1.2			1.5	0.9	1.2	1.2	40.0	
42.0	1.7	1.3			1.5	0.8			1.2		0.9	0.9	42.0	
44.0					1.2				0.9				44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 41 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	78.5	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	71.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	64.5	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	59.0	32.0	47.0	58.5	58.5	58.5	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	54.0	30.5	44.0	54.3	54.3	54.3	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	46.5	28.0	39.0	46.5	46.5	46.5	19.5	29.0	43.0	46.0	46.0	46.0	6.0	
7.0	40.5	26.0	35.0	40.5	40.5	40.5	17.8	26.0	38.5	39.6	39.6	39.6	7.0	
8.0	34.0	24.0	31.5	34.0	34.0	34.0	16.3	23.6	33.4	33.4	33.4	33.4	8.0	
9.0	29.0	22.5	29.0	29.2	29.2	29.2	15.0	21.8	28.5	28.5	28.5	28.5	9.0	
10.0		21.0	25.3	25.3	25.3	24.9	14.0	20.0	24.6	24.6	24.6	24.2	10.0	
11.0		20.0	22.2	21.9	21.4	20.7	13.0	18.5	21.5	21.5	21.3	20.0	11.0	
12.0		19.0	19.0	18.6	18.1	17.5	12.3	17.2	19.0	19.0	18.1	16.8	12.0	
14.0							10.9	15.1	15.0	14.3	13.5	12.2	14.0	
16.0							9.8	12.1	11.8	11.1	10.3	9.1	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 42 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0	
7.0	15.8	15.6	29.7	39.5	40.4	40.4	13.5	17.5	20.5	32.8	40.0	40.0	7.0	
8.0	14.4	14.2	27.1	34.0	34.0	34.0	12.5	16.0	18.5	30.1	34.6	34.6	8.0	
9.0	13.2	13.0	24.9	29.0	29.0	29.0	11.5	14.5	17.0	27.8	29.6	29.6	9.0	
10.0	12.2	12.0	23.0	25.2	25.2	24.8	10.5	13.5	15.5	25.8	25.8	25.6	10.0	
11.0	11.3	11.2	21.4	22.1	22.1	20.6	9.8	12.5	14.5	22.7	22.7	21.4	11.0	
12.0	10.5	10.4	19.5	19.5	18.9	17.4	9.1	12.0	13.5	20.2	19.6	18.1	12.0	
14.0	9.3	9.1	15.5	15.2	14.2	12.8	8.0	10.6	11.8	16.0	14.9	13.4	14.0	
16.0	8.3	8.1	12.7	11.9	11.0	9.7	7.0	9.5	10.4	12.7	11.6	10.3	16.0	
18.0	7.5	7.3	10.3	9.6	8.7	7.4	6.3	8.6	9.3	10.3	9.3	8.0	18.0	
20.0	6.8	6.6	8.5	7.8	6.9	5.7	5.7	7.8	8.3	8.5	7.6	6.3	20.0	
22.0							5.2	7.1	7.2	7.1	6.2	4.9	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 43 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	39.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	33.7	34.5	14.6	18.0	18.0	22.0	27.0	35.9	8.0	
9.0	12.7	15.4	18.0	18.0	30.3	30.3	13.6	16.5	16.5	20.2	25.0	31.0	9.0	
10.0	11.7	14.2	16.6	16.6	26.4	26.4	12.6	15.4	15.0	18.7	23.0	27.0	10.0	
11.0	10.9	13.1	15.4	15.3	23.3	22.2	11.7	14.3	14.0	17.3	21.5	23.1	11.0	
12.0	10.2	12.1	14.3	14.2	20.5	18.9	10.8	13.3	13.0	16.2	20.0	19.8	12.0	
14.0	9.0	10.5	12.5	12.4	15.7	14.2	9.4	11.6	11.3	14.2	15.3	15.0	14.0	
16.0	8.0	9.3	11.0	10.9	12.4	11.0	8.3	10.2	9.9	12.4	12.1	11.8	16.0	
18.0	7.2	8.3	9.8	9.7	10.0	8.7	7.4	9.1	8.8	10.0	9.7	9.4	18.0	
20.0	6.5	7.4	8.6	8.4	8.2	7.0	6.6	8.1	7.9	8.2	7.9	7.6	20.0	
22.0	5.9	6.7	7.2	7.1	6.8	5.6	5.9	7.3	7.1	6.8	6.5	6.2	22.0	
24.0	5.4	6.0	6.1	5.9	5.7	4.5	5.4	6.3	6.0	5.7	5.4	5.1	24.0	
26.0	5.0	5.4	5.2	5.0	4.7	3.5	4.9	5.5	5.1	4.8	4.5	4.2	26.0	
28.0							4.5	4.7	4.4	4.0	3.8	3.4	28.0	
30.0							4.2	4.0	3.7	3.3	3.1	2.7	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 44 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	30.0		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	26.6		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	23.0	22.6		12.5	14.5	17.0	20.7	22.5	11.0	
12.0	11.8	12.3	14.6	18.0	19.7	19.2		11.6	13.5	16.0	19.4	19.2	12.0	
14.0	10.2	10.7	12.8	15.4	14.9	14.4		10.1	11.8	14.0	15.0	14.5	14.0	
16.0	9.0	9.4	11.3	12.2	11.6	11.2		8.9	10.5	12.4	11.7	11.2	16.0	
18.0	8.1	8.3	10.1	9.8	9.2	8.9		7.9	9.4	10.0	9.4	8.9	18.0	
20.0	7.2	7.4	8.4	8.0	7.4	7.1		7.0	8.4	8.3	7.6	7.1	20.0	
22.0	6.5	6.6	7.0	6.6	6.0	5.7		6.3	7.1	6.9	6.2	5.7	22.0	
24.0	6.0	6.0	5.8	5.5	4.9	4.6		5.8	6.1	5.7	5.1	4.6	24.0	
26.0	5.4	5.3	4.9	4.6	4.0	3.7		5.3	5.2	4.8	4.2	3.7	26.0	
28.0	4.9	4.6	4.1	3.8	3.2	2.9		4.8	4.4	4.0	3.4	2.9	28.0	
30.0	4.4	4.0	3.5	3.1	2.6	2.3		4.2	3.8	3.3	2.7	2.2	30.0	
32.0	3.8	3.4	2.9	2.5	2.0	1.7		3.7	3.2	2.7	2.1	1.7	32.0	
34.0	3.3	2.9	2.4	2.0	1.5	1.2		3.2	2.6	2.2	1.6	1.2	34.0	
36.0								2.7	2.2	1.8	1.2		36.0	
38.0								2.3	1.8	1.4	0.8		38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 45 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	19.4	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	15.2	14.6	12.1	14.0	14.9		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	12.0	11.3	10.8	12.3	11.6		11.0	12.0	11.0	9.0	16.0	
18.0	8.9	10.3	9.6	9.0	9.7	10.0	9.2		10.3	9.6	10.0	8.8	18.0	
20.0	8.0	8.5	7.8	7.2	8.8	8.1	7.4		8.5	7.8	8.1	8.2	20.0	
22.0	7.3	7.1	6.4	5.8	7.5	6.7	6.0		7.0	6.3	6.7	6.8	22.0	
24.0	6.4	6.0	5.3	4.7	6.3	5.6	4.9		5.9	5.3	5.6	5.6	24.0	
26.0	5.5	5.0	4.3	3.8	5.4	4.6	4.0		5.0	4.3	4.6	4.7	26.0	
28.0	4.8	4.3	3.6	3.0	4.6	3.8	3.2		4.2	3.5	3.9	3.9	28.0	
30.0	4.1	3.6	2.9	2.3	3.9	3.2	2.5		3.5	2.8	3.2	3.3	30.0	
32.0	3.5	3.0	2.3	1.7	3.3	2.6	2.0		2.9	2.3	2.6	2.7	32.0	
34.0	3.0	2.5	1.8	1.3	2.8	2.1	1.5		2.4	1.8	2.1	2.2	34.0	
36.0	2.5	2.0	1.4	0.8	2.4	1.7	1.1		2.0	1.4	1.6	1.7	36.0	
38.0	2.1	1.6	1.0		2.0	1.3			1.6	1.0	1.2	1.3	38.0	
40.0	1.8	1.3			1.6	0.9			1.2		0.9	1.0	40.0	
42.0	1.5	1.0			1.3				0.9				42.0	
44.0					1.0								44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 46 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	77.5	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	69.5	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	63.0	34.0	51.0	62.5	62.5	62.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	58.0	32.0	47.0	58.0	58.0	58.0	23.0	34.5	51.5	56.5	56.5	56.5	4.5	
5.0	53.0	31.0	44.0	53.5	53.5	53.5	21.5	32.5	48.5	52.5	52.5	52.5	5.0	
6.0	45.0	28.0	39.0	45.5	45.5	45.5	19.5	29.0	43.0	44.5	44.5	44.5	6.0	
7.0	37.0	26.0	35.0	37.0	37.0	37.0	17.8	26.0	36.5	36.5	36.5	36.5	7.0	
8.0	31.2	24.0	31.0	31.0	31.0	31.0	16.3	23.6	30.5	30.5	30.5	30.5	8.0	
9.0	24.4	22.5	26.4	26.0	25.3	24.6	15.0	21.8	26.5	26.0	25.3	23.8	9.0	
10.0		21.0	21.6	21.1	20.5	19.8	14.0	20.0	22.3	21.4	20.5	19.1	10.0	
11.0		18.2	18.0	17.5	16.9	16.3	13.0	18.5	18.7	17.8	16.9	15.6	11.0	
12.0		15.5	15.2	14.7	14.2	13.6	12.3	16.4	15.9	15.1	14.2	12.9	12.0	
14.0							10.9	12.5	11.9	11.1	10.3	9.1	14.0	
16.0							9.8	9.7	9.1	8.4	7.6	6.4	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 47 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	44.0	45.0	45.0	15.0	19.0	22.5	36.0	44.5	44.5	6.0	
7.0	15.8	15.6	29.7	37.0	37.0	37.0	13.5	17.5	20.5	32.8	37.6	37.6	7.0	
8.0	14.4	14.2	27.1	31.0	31.0	31.0	12.5	16.0	18.5	30.1	31.6	31.6	8.0	
9.0	13.2	13.0	24.9	26.5	26.0	24.5	11.5	14.5	17.0	27.0	27.0	25.4	9.0	
10.0	12.2	12.0	23.0	22.4	21.3	19.7	10.5	13.5	15.5	23.4	22.2	20.5	10.0	
11.0	11.3	11.2	19.7	18.8	17.7	16.2	9.8	12.5	14.5	19.7	18.5	16.9	11.0	
12.0	10.5	10.4	16.8	16.0	15.0	13.5	9.1	12.0	13.5	16.8	15.7	14.2	12.0	
14.0	9.3	9.1	12.8	12.0	11.0	9.6	8.0	10.6	11.7	12.8	11.8	10.3	14.0	
16.0	8.3	8.1	10.0	9.2	8.3	7.0	7.0	9.5	10.2	10.0	9.0	7.7	16.0	
18.0	7.5	7.3	8.0	7.2	6.3	5.1	6.3	8.4	8.2	8.0	7.0	5.8	18.0	
20.0	6.8	6.6	6.5	5.7	4.8	3.6	5.7	6.8	6.7	6.4	5.5	4.3	20.0	
22.0							5.2	5.7	5.5	5.2	4.3	3.1	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 48 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	44.0	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	38.5	16.0	20.0	20.0	24.0	30.0	39.0	7.0	
8.0	13.8	16.8	19.7	19.7	32.3	32.3	14.6	18.0	18.0	22.0	27.0	33.2	8.0	
9.0	12.7	15.4	18.0	18.0	27.8	26.3	13.6	16.5	16.5	20.2	25.0	27.2	9.0	
10.0	11.7	14.2	16.6	16.6	23.0	21.4	12.6	15.4	15.0	18.7	22.8	22.3	10.0	
11.0	10.9	13.1	15.4	15.3	19.3	17.8	11.7	14.3	14.0	17.3	19.1	18.6	11.0	
12.0	10.2	12.1	14.3	14.2	16.5	15.0	10.8	13.3	13.0	16.2	16.3	15.8	12.0	
14.0	9.0	10.5	12.5	12.4	12.4	11.1	9.4	11.6	11.3	12.4	12.3	11.7	14.0	
16.0	8.0	9.3	10.1	9.9	9.7	8.4	8.3	10.1	9.9	9.7	9.5	9.0	16.0	
18.0	7.2	8.3	8.2	8.0	7.7	6.4	7.4	8.5	8.1	7.7	7.5	7.0	18.0	
20.0	6.5	7.0	6.7	6.5	6.2	4.9	6.6	7.0	6.6	6.2	6.0	5.5	20.0	
22.0	5.8	5.9	5.5	5.3	5.0	3.8	5.9	5.8	5.4	5.0	4.8	4.3	22.0	
24.0	5.1	4.9	4.5	4.3	4.0	2.8	5.2	4.8	4.5	4.1	3.8	3.4	24.0	
26.0	4.4	4.1	3.7	3.5	3.2	2.0	4.4	4.0	3.7	3.3	3.1	2.7	26.0	
28.0							3.8	3.3	3.0	2.6	2.4	2.0	28.0	
30.0							3.2	2.7	2.4	2.0	1.8	1.5	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 49 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	26.6	26.2		14.5	16.7	19.5	23.0	25.7	9.0	
10.0	13.6	14.3	17.0	20.0	22.2	21.8		13.5	15.5	18.0	22.0	21.6	10.0	
11.0	12.6	13.2	15.7	19.0	18.5	18.1		12.5	14.5	17.0	18.7	18.1	11.0	
12.0	11.8	12.3	14.6	16.3	15.7	15.3		11.6	13.5	16.0	15.9	15.3	12.0	
14.0	10.2	10.7	12.7	12.3	11.7	11.3		10.1	11.8	12.5	11.8	11.3	14.0	
16.0	9.0	9.4	9.9	9.5	9.0	8.6		8.9	10.2	9.7	9.0	8.6	16.0	
18.0	8.1	8.3	7.9	7.5	7.0	6.6		7.9	8.2	7.7	7.0	6.6	18.0	
20.0	7.2	6.9	6.4	6.0	5.5	5.1		7.0	6.7	6.2	5.5	5.1	20.0	
22.0	6.1	5.7	5.2	4.8	4.3	3.9		6.0	5.5	5.0	4.4	3.9	22.0	
24.0	5.1	4.8	4.2	3.9	3.4	3.0		5.1	4.5	4.1	3.4	2.9	24.0	
26.0	4.4	4.0	3.4	3.1	2.6	2.2		4.3	3.8	3.3	2.6	2.2	26.0	
28.0	3.7	3.3	2.8	2.4	1.9	1.5		3.6	3.1	2.6	2.0	1.5	28.0	
30.0	3.1	2.7	2.2	1.8	1.3	1.0		3.0	2.5	2.0	1.4	1.0	30.0	
32.0	2.6	2.2	1.7	1.4	0.9			2.5	2.0	1.5	1.0		32.0	
34.0	2.2	1.8	1.3	1.0				2.1	1.6	1.1			34.0	
36.0								1.7	1.2				36.0	
38.0								1.4					38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 50 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	21.4	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	18.3	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	16.1	15.5	13.5	15.5	15.6		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	12.9	12.1	11.4	12.1	12.4	11.6		12.0	12.1	11.5	9.1	14.0	
16.0	10.0	10.1	9.3	8.7	10.4	9.7	8.9		10.0	9.3	9.7	9.0	16.0	
18.0	8.6	8.1	7.3	6.7	8.4	7.6	6.9		8.0	7.3	7.7	7.8	18.0	
20.0	7.1	6.6	5.8	5.2	6.8	6.1	5.4		6.5	5.7	6.1	6.2	20.0	
22.0	5.9	5.4	4.6	4.0	5.7	4.9	4.3		5.3	4.6	5.0	5.0	22.0	
24.0	4.9	4.4	3.7	3.1	4.7	4.0	3.3		4.3	3.6	4.0	4.0	24.0	
26.0	4.1	3.6	2.9	2.3	3.9	3.2	2.5		3.5	2.8	3.2	3.2	26.0	
28.0	3.4	2.9	2.2	1.6	3.2	2.5	1.8		2.8	2.1	2.5	2.6	28.0	
30.0	2.8	2.3	1.6	1.1	2.6	1.9	1.3		2.2	1.6	1.9	2.0	30.0	
32.0	2.3	1.8	1.1		2.1	1.4	0.8		1.7	1.1	1.4	1.5	32.0	
34.0	1.9	1.4			1.7	1.0			1.3		1.0	1.1	34.0	
36.0	1.5	1.0			1.3				0.9				36.0	
38.0	1.2				1.0								38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 51 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	76.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	68.5	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	62.0	34.0	51.0	62.0	62.0	62.0	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	56.5	32.0	47.0	56.5	56.5	56.5	23.0	34.5	51.5	56.0	56.0	56.0	4.5	
5.0	52.0	30.5	44.0	52.0	52.0	52.0	21.5	32.5	48.5	51.5	51.5	51.5	5.0	
6.0	41.5	28.0	39.0	41.5	41.5	41.5	19.5	29.0	40.5	40.5	40.5	40.5	6.0	
7.0	32.8	26.0	34.0	34.0	34.0	33.2	17.8	26.0	33.5	33.5	33.5	32.2	7.0	
8.0	24.0	24.0	26.2	25.9	25.2	24.4	16.3	23.6	27.4	26.4	25.3	23.5	8.0	
9.0	18.5	21.0	20.5	20.1	19.5	18.8	15.0	21.6	21.5	20.6	19.6	18.0	9.0	
10.0		17.0	16.5	16.1	15.5	14.9	14.0	18.1	17.4	16.6	15.6	14.1	10.0	
11.0		14.0	13.6	13.2	12.6	12.0	13.0	15.1	14.4	13.6	12.7	11.3	11.0	
12.0		11.7	11.3	11.0	10.4	9.8	12.2	12.8	12.1	11.3	10.5	9.1	12.0	
14.0							9.6	9.4	8.8	8.1	7.3	6.0	14.0	
16.0							7.4	7.2	6.6	5.9	5.1	3.9	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 52 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	51.5	51.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	41.5	41.5	41.5	15.0	19.0	22.5	36.0	42.0	42.0	6.0	
7.0	15.8	15.6	29.7	33.9	33.9	32.7	13.5	17.5	20.5	32.8	34.5	32.8	7.0	
8.0	14.4	14.2	27.1	27.5	26.3	24.4	12.5	16.0	18.5	28.7	27.3	25.3	8.0	
9.0	13.2	13.0	22.7	21.6	20.5	18.8	11.5	14.5	17.0	22.7	21.4	19.7	9.0	
10.0	12.2	12.0	18.5	17.5	16.5	14.9	10.5	13.5	15.5	18.5	17.3	15.6	10.0	
11.0	11.3	11.2	15.4	14.5	13.5	12.0	9.8	12.5	14.5	15.4	14.3	12.7	11.0	
12.0	10.5	10.4	13.1	12.2	11.2	9.8	9.1	12.0	13.3	13.1	12.0	10.5	12.0	
14.0	9.2	9.1	9.8	8.9	8.0	6.6	8.0	10.2	9.9	9.7	8.7	7.3	14.0	
16.0	7.9	7.7	7.5	6.7	5.8	4.5	7.0	8.0	7.7	7.4	6.5	5.1	16.0	
18.0	6.3	6.1	5.8	5.0	4.1	2.9	6.2	6.3	6.0	5.8	4.8	3.5	18.0	
20.0	5.0	4.8	4.5	3.8	2.9	1.7	5.3	5.0	4.8	4.5	3.6	2.3	20.0	
22.0							4.4	4.0	3.8	3.5	2.6	1.4	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 53 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	42.8	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	35.1	33.2	16.0	20.0	20.0	24.0	30.0	33.5	7.0	
8.0	13.8	16.8	19.7	19.7	27.7	25.8	14.6	18.0	18.0	22.0	27.0	26.4	8.0	
9.0	12.7	15.4	18.0	18.0	22.3	20.5	13.6	16.5	16.5	20.2	22.0	21.4	9.0	
10.0	11.7	14.2	16.6	16.6	18.1	16.5	12.6	15.4	15.0	18.2	17.9	17.4	10.0	
11.0	10.9	13.1	15.4	15.3	15.1	13.5	11.7	14.3	14.0	15.2	14.9	14.4	11.0	
12.0	10.2	12.1	13.3	13.0	12.7	11.2	10.8	13.1	13.0	12.8	12.5	12.1	12.0	
14.0	9.0	10.3	10.0	9.7	9.4	8.0	9.4	10.3	9.7	9.5	9.2	8.8	14.0	
16.0	8.0	8.1	7.7	7.4	7.1	5.8	8.3	8.0	7.6	7.2	6.9	6.5	16.0	
18.0	6.6	6.4	6.0	5.8	5.5	4.2	6.8	6.3	6.0	5.5	5.3	4.9	18.0	
20.0	5.4	5.1	4.7	4.5	4.3	3.0	5.5	5.0	4.7	4.2	4.0	3.6	20.0	
22.0	4.4	4.1	3.7	3.5	3.3	2.0	4.5	4.0	3.7	3.3	3.1	2.7	22.0	
24.0	3.6	3.3	2.9	2.7	2.5	1.3	3.7	3.2	2.9	2.5	2.3	1.9	24.0	
26.0	3.0	2.6	2.2	2.0	1.8		3.0	2.5	2.2	1.8	1.6	1.2	26.0	
28.0							2.5	2.0	1.7	1.3	1.1		28.0	
30.0							2.0	1.5	1.2				30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 54 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	32.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	25.7	25.2		15.5	18.0	21.0	24.5	24.5	8.0	
9.0	14.5	15.5	18.4	21.7	20.9	20.4		14.5	16.7	19.5	20.7	20.0	9.0	
10.0	13.6	14.3	17.0	18.0	17.2	16.8		13.5	15.5	18.0	17.3	16.6	10.0	
11.0	12.6	13.2	15.4	15.0	14.2	13.8		12.5	14.5	15.3	14.4	13.8	11.0	
12.0	11.8	12.3	13.1	12.6	11.9	11.5		11.6	13.5	12.9	12.1	11.5	12.0	
14.0	10.2	10.2	9.7	9.3	8.6	8.2		10.1	10.1	9.5	8.8	8.2	14.0	
16.0	8.4	8.0	7.4	7.0	6.4	6.0		8.2	7.8	7.2	6.5	5.9	16.0	
18.0	6.7	6.3	5.7	5.3	4.8	4.4		6.6	6.1	5.5	4.8	4.3	18.0	
20.0	5.4	5.0	4.5	4.1	3.6	3.2		5.3	4.8	4.3	3.6	3.1	20.0	
22.0	4.4	4.0	3.5	3.1	2.6	2.2		4.3	3.8	3.3	2.6	2.1	22.0	
24.0	3.6	3.2	2.7	2.3	1.8	1.4		3.5	3.0	2.5	1.9	1.4	24.0	
26.0	2.9	2.5	2.0	1.6	1.1			2.8	2.3	1.8	1.2		26.0	
28.0	2.4	2.0	1.5	1.1				2.3	1.7	1.3			28.0	
30.0	1.9	1.5	1.0					1.8	1.3				30.0	
32.0	1.5	1.1						1.4					32.0	
34.0	1.1							1.0					34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 55 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.5	19.8	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	17.3	16.5	15.0	17.0	16.0		14.0	15.0			10.0	
11.0	13.6	15.5	14.7	13.9	14.5	14.9	14.0		13.5	14.0	12.0		11.0	
12.0	12.8	13.2	12.4	11.6	13.5	12.7	12.0		12.5	12.0	11.0	9.2	12.0	
14.0	10.4	9.8	9.0	8.4	10.2	9.4	8.7		9.7	8.9	9.0	9.0	14.0	
16.0	8.1	7.6	6.7	6.1	7.9	7.1	6.4		7.4	6.7	7.0	7.0	16.0	
18.0	6.4	5.9	5.1	4.5	6.3	5.4	4.7		5.7	5.1	5.4	5.5	18.0	
20.0	5.1	4.6	3.9	3.2	5.0	4.2	3.5		4.5	3.8	4.2	4.2	20.0	
22.0	4.1	3.6	2.9	2.3	4.0	3.2	2.5		3.5	2.8	3.2	3.2	22.0	
24.0	3.3	2.8	2.1	1.5	3.1	2.4	1.7		2.7	2.0	2.4	2.4	24.0	
26.0	2.6	2.1	1.4	0.8	2.5	1.7	1.1		2.0	1.3	1.7	1.7	26.0	
28.0	2.1	1.6	0.9		1.9	1.2			1.5		1.1	1.2	28.0	
30.0	1.6	1.1			1.4				1.0				30.0	
32.0	1.1				1.0								32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 56 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	75.5	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	68.0	36.0	55.0	65.0	65.0	68.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	61.5	34.0	51.0	61.5	61.5	61.5	24.5	37.0	55.0	61.0	61.0	61.0	4.0	
4.5	56.5	32.0	47.0	56.5	56.5	56.5	23.0	34.5	51.5	56.0	56.0	56.0	4.5	
5.0	50.5	30.5	44.0	51.0	51.0	51.0	21.5	32.5	48.5	50.0	50.0	50.0	5.0	
6.0	40.0	28.0	39.0	40.0	40.0	40.0	19.5	29.0	39.5	39.5	39.5	39.5	6.0	
7.0	29.0	26.0	31.7	31.0	30.4	29.4	17.8	26.0	32.0	31.6	30.4	28.3	7.0	
8.0	21.0	24.0	23.5	22.8	22.3	21.4	16.3	23.6	24.3	23.4	22.4	20.5	8.0	
9.0	16.0	18.7	18.3	17.6	17.1	16.3	15.0	19.8	19.0	18.2	17.2	15.5	9.0	
10.0		15.0	14.6	14.0	13.5	12.8	14.0	16.1	15.3	14.5	13.6	12.0	10.0	
11.0		12.3	11.9	11.4	10.9	10.2	13.0	13.3	12.6	11.8	10.9	9.5	11.0	
12.0		10.2	9.8	9.3	8.8	8.2	11.4	11.2	10.5	9.8	8.9	7.5	12.0	
14.0							8.4	8.2	7.5	6.8	6.0	4.7	14.0	
16.0							6.3	6.1	5.5	4.8	4.0	2.8	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 57 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.5	59.5	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	55.0	55.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	50.0	50.5	50.5	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	39.5	39.5	39.5	15.0	19.0	22.5	36.0	40.5	40.0	6.0	
7.0	15.8	15.6	29.7	32.4	30.9	28.8	13.5	17.5	20.5	32.8	31.3	29.1	7.0	
8.0	14.4	14.2	25.7	24.5	23.2	21.3	12.5	16.0	18.5	25.7	24.2	22.3	8.0	
9.0	13.2	13.0	20.2	19.1	17.9	16.2	11.5	14.5	17.0	20.2	18.9	17.1	9.0	
10.0	12.2	12.0	16.5	15.4	14.3	12.7	10.5	13.5	15.5	16.4	15.1	13.5	10.0	
11.0	11.3	11.2	13.7	12.7	11.6	10.1	9.8	12.5	13.8	13.6	12.4	10.9	11.0	
12.0	10.5	10.4	11.6	10.6	9.6	8.1	9.1	11.8	11.7	11.5	10.4	8.9	12.0	
14.0	8.9	8.7	8.5	7.6	6.7	5.3	8.0	8.9	8.6	8.4	7.4	6.0	14.0	
16.0	6.8	6.6	6.4	5.6	4.7	3.4	7.0	6.8	6.5	6.3	5.4	4.0	16.0	
18.0	5.3	5.1	4.9	4.1	3.2	2.0	5.6	5.3	5.0	4.8	3.9	2.6	18.0	
20.0	4.2	4.0	3.7	3.0	2.1	0.9	4.5	4.1	3.9	3.7	2.8	1.5	20.0	
22.0							3.6	3.2	3.0	2.8	1.9		22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 58 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	48.0	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	40.1	17.5	22.0	22.0	26.0	33.0	40.0	6.0	
7.0	15.1	18.6	21.7	21.6	31.7	29.6	16.0	20.0	20.0	24.0	30.0	30.0	7.0	
8.0	13.8	16.8	19.7	19.7	24.8	22.9	14.6	18.0	18.0	22.0	24.0	23.5	8.0	
9.0	12.7	15.4	18.0	18.0	19.8	18.1	13.6	16.5	16.5	19.8	19.5	18.9	9.0	
10.0	11.7	14.2	16.6	16.4	16.0	14.4	12.6	15.4	15.0	16.1	15.8	15.2	10.0	
11.0	10.9	13.1	13.8	13.6	13.2	11.7	11.7	14.1	13.8	13.3	13.0	12.5	11.0	
12.0	10.2	12.1	11.7	11.5	11.1	9.7	10.8	12.1	11.7	11.2	10.9	10.4	12.0	
14.0	8.9	9.0	8.6	8.4	8.1	6.7	9.4	9.0	8.6	8.2	7.9	7.4	14.0	
16.0	7.3	6.9	6.5	6.3	6.0	4.7	7.4	6.8	6.5	6.1	5.8	5.4	16.0	
18.0	5.7	5.4	5.0	4.8	4.5	3.3	5.8	5.3	5.0	4.6	4.3	3.9	18.0	
20.0	4.5	4.2	3.8	3.6	3.4	2.2	4.6	4.1	3.8	3.4	3.2	2.8	20.0	
22.0	3.6	3.3	2.9	2.7	2.5	1.3	3.7	3.2	2.9	2.5	2.3	1.9	22.0	
24.0	2.9	2.6	2.2	2.0	1.8		3.0	2.5	2.2	1.8	1.6	1.2	24.0	
26.0	2.3	2.0	1.6	1.4	1.2		2.4	1.9	1.6	1.2	1.0		26.0	
28.0							1.9	1.4	1.1				28.0	
30.0							1.5	1.0					30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 59 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	29.2	28.6		17.0	19.5	22.5	26.5	27.5	7.0	
8.0	15.5	16.9	20.0	23.7	22.9	22.4		15.5	18.0	21.0	22.6	21.8	8.0	
9.0	14.5	15.5	18.4	19.3	18.5	18.0		14.5	16.7	19.3	18.4	17.6	9.0	
10.0	13.6	14.3	16.4	15.9	15.2	14.7		13.5	15.5	16.1	15.2	14.5	10.0	
11.0	12.6	13.2	13.6	13.1	12.4	12.0		12.5	14.1	13.4	12.6	12.0	11.0	
12.0	11.8	12.0	11.4	11.0	10.3	9.9		11.6	11.9	11.3	10.5	9.9	12.0	
14.0	9.5	8.9	8.3	7.9	7.3	6.9		9.4	8.7	8.2	7.5	6.9	14.0	
16.0	7.4	6.8	6.2	5.8	5.3	4.9		7.3	6.6	6.1	5.4	4.9	16.0	
18.0	5.8	5.2	4.7	4.3	3.8	3.4		5.7	5.1	4.6	3.9	3.4	18.0	
20.0	4.6	4.1	3.6	3.2	2.7	2.3		4.5	3.9	3.5	2.8	2.3	20.0	
22.0	3.7	3.2	2.7	2.3	1.8	1.4		3.6	3.0	2.6	1.9	1.4	22.0	
24.0	2.9	2.5	2.0	1.6	1.1			2.8	2.3	1.8	1.2		24.0	
26.0	2.3	1.9	1.4	1.0				2.2	1.7	1.2			26.0	
28.0	1.8	1.4	0.9					1.7	1.2				28.0	
30.0	1.4	1.0						1.3					30.0	
32.0	1.0							0.9					32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 60 Rated capacity chart with boom only

Unit: t

Outriggers fully extended to 6.9m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	21.0									8.0	
9.0	15.5	18.0	18.0	17.5	15.0	17.0	17.0						9.0	
10.0	14.5	16.2	15.2	14.4	15.0	15.0	14.5		14.0	15.0			10.0	
11.0	13.6	13.8	12.8	12.0	14.0	13.0	12.2		13.0	12.5	12.0		11.0	
12.0	12.2	11.6	10.7	10.0	12.0	11.1	10.3		11.5	10.7	11.0	9.2	12.0	
14.0	9.1	8.5	7.7	7.0	8.9	8.0	7.3		8.4	7.7	8.0	8.0	14.0	
16.0	7.0	6.4	5.6	5.0	6.8	5.9	5.2		6.3	5.6	5.9	6.0	16.0	
18.0	5.4	4.8	4.1	3.5	5.2	4.4	3.7		4.8	4.1	4.4	4.5	18.0	
20.0	4.2	3.7	3.0	2.4	4.0	3.3	2.6		3.6	3.0	3.3	3.3	20.0	
22.0	3.3	2.8	2.1	1.5	3.1	2.4	1.7		2.7	2.1	2.4	2.4	22.0	
24.0	2.6	2.1	1.4		2.4	1.7	1.0		2.0	1.4	1.7	1.7	24.0	
26.0	2.0	1.5			1.8	1.1			1.4		1.1	1.1	26.0	
28.0	1.5	1.0			1.3				0.9				28.0	
30.0	1.0				0.9								30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 61 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	80.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	66.0	36.0	55.0	65.0	65.0	66.0	26.0	39.5	59.5	65.0	65.0	65.5	3.5	
4.0	59.0	34.0	51.0	59.0	59.0	59.0	24.5	37.0	55.0	59.0	59.0	59.0	4.0	
4.5	54.0	32.0	47.0	53.5	53.5	53.5	23.0	34.5	51.5	53.0	53.0	53.0	4.5	
5.0	49.0	30.5	44.0	49.5	49.5	49.5	21.5	32.5	48.0	48.0	48.0	48.0	5.0	
6.0	41.5	28.0	39.0	41.5	41.5	41.5	19.5	29.0	41.0	41.0	41.0	41.0	6.0	
7.0	36.0	26.0	35.0	35.7	35.7	35.7	17.8	26.0	35.0	35.0	35.0	35.0	7.0	
8.0	31.5	24.0	31.2	31.2	31.2	31.2	16.3	23.6	31.0	31.0	31.0	31.0	8.0	
9.0	27.5	22.5	28.0	28.0	28.0	28.0	15.0	21.8	27.5	27.5	27.5	27.5	9.0	
10.0		21.0	24.5	24.5	24.5	24.2	14.0	20.0	24.2	24.2	24.2	23.7	10.0	
11.0		20.0	22.0	21.7	21.3	20.7	13.0	18.5	21.3	21.3	21.3	20.1	11.0	
12.0		19.0	19.0	18.8	18.4	17.9	12.3	17.2	18.7	18.7	18.4	17.2	12.0	
14.0							10.9	14.8	14.8	14.8	14.1	13.0	14.0	
16.0							9.8	12.0	12.0	11.8	11.1	10.0	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 62 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	64.0	64.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.5	59.0	59.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	53.0	53.0	53.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	49.0	49.0	49.0	16.0	21.5	24.0	39.5	49.5	49.5	5.0	
6.0	17.5	17.3	32.7	41.5	41.5	41.5	15.0	19.0	22.5	36.0	41.5	41.5	6.0	
7.0	15.8	15.6	29.7	35.5	35.5	35.5	13.5	17.5	20.5	32.8	35.0	35.0	7.0	
8.0	14.4	14.2	27.1	31.0	31.0	31.0	12.5	16.0	18.5	30.1	32.0	32.0	8.0	
9.0	13.2	13.0	24.9	27.5	27.5	27.5	11.5	14.5	17.0	27.8	28.0	28.0	9.0	
10.0	12.2	12.0	23.0	24.6	24.6	24.3	10.5	13.5	15.5	25.0	25.0	25.0	10.0	
11.0	11.3	11.2	21.4	21.8	21.8	20.7	9.8	12.5	14.5	22.3	22.3	21.3	11.0	
12.0	10.5	10.4	19.2	19.2	19.0	17.8	9.1	12.0	13.5	19.8	19.8	18.5	12.0	
14.0	9.3	9.1	15.3	15.3	14.8	13.5	8.0	10.6	11.8	16.0	15.5	14.2	14.0	
16.0	8.3	8.1	12.4	12.4	11.7	10.5	7.0	9.5	10.4	13.0	12.4	11.2	16.0	
18.0	7.5	7.3	10.3	10.3	9.5	8.3	6.3	8.6	9.3	10.8	10.1	8.9	18.0	
20.0	6.8	6.6	8.2	8.2	7.7	6.5	5.7	7.8	8.4	9.0	8.3	7.2	20.0	
22.0							5.2	7.1	7.6	7.6	6.9	5.8	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 63 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	49.5	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	42.5	17.5	22.0	22.0	26.0	33.0	42.0	6.0	
7.0	15.1	18.6	21.7	21.6	36.5	36.5	16.0	20.0	20.0	24.0	30.0	37.0	7.0	
8.0	13.8	16.8	19.7	19.7	32.3	32.3	14.6	18.0	18.0	22.0	27.0	32.5	8.0	
9.0	12.7	15.4	18.0	18.0	28.5	28.5	13.6	16.5	16.5	20.2	25.0	29.0	9.0	
10.0	11.7	14.2	16.6	16.6	25.5	25.5	12.6	15.4	15.0	18.7	23.0	26.0	10.0	
11.0	10.9	13.1	15.4	15.3	23.5	22.1	11.7	14.3	14.0	17.3	21.5	22.9	11.0	
12.0	10.2	12.1	14.3	14.2	20.5	19.2	10.8	13.3	13.0	16.2	20.1	19.9	12.0	
14.0	9.0	10.5	12.5	12.4	16.1	14.9	9.4	11.6	11.3	14.2	15.9	15.5	14.0	
16.0	8.0	9.3	11.0	10.9	13.0	11.8	8.3	10.2	9.9	12.6	12.9	12.5	16.0	
18.0	7.2	8.3	9.8	9.7	10.7	9.5	7.4	9.1	8.8	10.7	10.6	10.2	18.0	
20.0	6.5	7.4	8.8	8.7	9.0	7.8	6.6	8.1	7.9	9.0	8.8	8.4	20.0	
22.0	5.9	6.7	7.9	7.7	7.5	6.4	5.9	7.4	7.1	7.6	7.4	7.0	22.0	
24.0	5.4	6.1	6.8	6.6	6.4	5.2	5.4	6.7	6.4	6.4	6.2	5.8	24.0	
26.0	5.0	5.6	5.8	5.6	5.4	4.3	4.9	6.1	5.8	5.4	5.2	4.9	26.0	
28.0							4.5	5.2	4.9	4.6	4.4	4.1	28.0	
30.0							4.2	4.6	4.3	3.9	3.7	3.4	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Telescoping mode Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	Telescoping mode
Telescoping mode Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	Telescoping mode
Telescoping mode Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	Telescoping mode
Telescoping mode Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	Telescoping mode
Telescoping mode Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	Telescoping mode

Table 64 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	32.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	28.5		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	25.3	26.0		13.5	15.5	18.0	22.0	25.0	10.0	
11.0	12.6	13.2	15.7	19.0	22.7	22.4		12.5	14.5	17.0	20.7	22.3	11.0	
12.0	11.8	12.3	14.6	18.0	19.9	19.5		11.6	13.5	16.0	19.4	19.5	12.0	
14.0	10.2	10.7	12.8	15.8	15.5	15.1		10.1	11.8	14.0	15.5	15.1	14.0	
16.0	9.0	9.4	11.3	12.8	12.4	12.0		8.9	10.5	12.5	12.5	12.0	16.0	
18.0	8.1	8.3	10.1	10.6	10.1	9.7		7.9	9.4	10.7	10.2	9.7	18.0	
20.0	7.2	7.4	9.0	8.8	8.3	8.0		7.0	8.4	9.0	8.4	7.9	20.0	
22.0	6.5	6.6	7.6	7.4	6.9	6.5		6.3	7.6	7.6	7.0	6.5	22.0	
24.0	6.0	6.0	6.6	6.2	5.7	5.4		5.8	6.8	6.4	5.8	5.3	24.0	
26.0	5.4	5.5	5.6	5.3	4.7	4.4		5.3	5.9	5.5	4.8	4.4	26.0	
28.0	5.0	5.0	4.8	4.5	4.0	3.6		4.8	5.1	4.6	4.0	3.6	28.0	
30.0	4.5	4.5	4.1	3.8	3.3	2.9		4.4	4.4	3.9	3.3	2.9	30.0	
32.0	3.8	3.8	3.5	3.2	2.7	2.3		3.7	3.7	3.3	2.7	2.3	32.0	
34.0	3.2	3.2	2.9	2.6	2.1	1.8		3.1	3.1	2.8	2.2	1.8	34.0	
36.0								2.6	2.6	2.3	1.7	1.3	36.0	
38.0								2.2	2.2	1.9	1.3	0.9	38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 65 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight (3.7t + 27.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	21.0	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	19.6	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	15.2	15.3	12.1	14.0	15.5		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	12.7	12.2	10.8	12.5	12.4		11.0	12.7	11.0	9.0	16.0	
18.0	8.9	10.3	10.4	9.9	9.7	10.7	10.1		10.3	10.5	10.5	8.8	18.0	
20.0	8.0	9.3	8.6	8.1	8.8	9.0	8.3		9.3	8.7	9.0	8.5	20.0	
22.0	7.3	7.9	7.2	6.6	8.1	7.5	6.9		7.9	7.2	7.6	7.6	22.0	
24.0	6.6	6.7	6.0	5.5	7.0	6.3	5.7		6.7	6.0	6.4	6.5	24.0	
26.0	6.0	5.7	5.1	4.5	6.1	5.3	4.7		5.7	5.0	5.4	5.5	26.0	
28.0	5.2	4.9	4.2	3.7	5.2	4.5	3.9		4.9	4.2	4.6	4.6	28.0	
30.0	4.5	4.2	3.5	3.0	4.5	3.8	3.2		4.2	3.5	3.9	3.9	30.0	
32.0	3.8	3.6	2.9	2.4	3.9	3.2	2.6		3.5	2.9	3.2	3.3	32.0	
34.0	3.2	3.1	2.4	1.9	3.4	2.7	2.1		3.0	2.4	2.7	2.7	34.0	
36.0	2.7	2.6	2.0	1.4	2.9	2.2	1.6		2.5	1.9	2.2	2.3	36.0	
38.0	2.3	2.2	1.6	1.0	2.4	1.8	1.2		2.1	1.5	1.8	1.9	38.0	
40.0	1.9	1.8	1.2		2.0	1.4	0.8		1.7	1.1	1.4	1.5	40.0	
42.0	1.5	1.4	0.8		1.7	1.1			1.4	0.8	1.1	1.2	42.0	
44.0					1.3	0.8			1.1		0.8	0.9	44.0	
46.0					1.0				0.8				46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 66 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	70.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	62.5	36.0	55.0	63.0	63.0	63.0	26.0	39.5	59.5	62.0	62.0	62.0	3.5	
4.0	56.0	34.0	51.0	56.0	56.0	56.0	24.5	37.0	55.0	56.0	56.0	56.0	4.0	
4.5	51.0	32.0	47.0	51.0	51.0	51.0	23.0	34.5	50.5	50.5	50.5	50.5	4.5	
5.0	46.5	30.5	44.0	46.5	46.5	46.5	21.5	32.5	46.0	46.0	46.0	46.0	5.0	
6.0	39.5	28.0	39.0	39.5	39.5	39.5	19.5	29.0	39.0	39.0	39.0	39.0	6.0	
7.0	34.0	26.0	34.0	34.0	34.0	34.0	17.8	26.0	33.5	33.5	33.5	33.5	7.0	
8.0	27.6	24.0	29.5	29.0	28.5	27.9	16.3	23.6	29.0	29.0	28.5	27.1	8.0	
9.0	22.4	22.5	24.2	23.7	23.2	22.6	15.0	21.8	24.9	24.1	23.2	21.9	9.0	
10.0		20.6	20.2	19.8	19.4	18.8	14.0	20.0	20.9	20.2	19.3	18.1	10.0	
11.0		17.6	17.2	16.8	16.4	15.8	13.0	18.4	17.9	17.2	16.3	15.1	11.0	
12.0		15.2	14.8	14.4	14.0	13.4	12.3	16.0	15.5	14.8	14.0	12.8	12.0	
14.0							10.9	12.4	11.9	11.2	10.5	9.3	14.0	
16.0							9.8	9.9	9.3	8.7	8.0	6.9	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 67 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	62.0	62.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.0	56.0	56.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	51.0	51.0	51.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	46.0	46.0	46.0	16.0	21.5	24.0	39.5	47.5	47.5	5.0	
6.0	17.5	17.3	32.7	39.0	39.0	39.0	15.0	19.0	22.5	36.0	40.0	40.0	6.0	
7.0	15.8	15.6	29.7	34.0	34.0	34.0	13.5	17.5	20.5	32.8	34.0	34.0	7.0	
8.0	14.4	14.2	27.1	29.5	29.3	27.7	12.5	16.0	18.5	30.0	30.0	28.6	8.0	
9.0	13.2	13.0	24.9	25.0	24.0	22.5	11.5	14.5	17.0	25.8	24.8	23.3	9.0	
10.0	12.2	12.0	21.9	21.0	20.1	18.7	10.5	13.5	15.5	21.8	20.8	19.4	10.0	
11.0	11.3	11.2	18.8	18.0	17.1	15.7	9.8	12.5	14.5	18.7	17.8	16.4	11.0	
12.0	10.5	10.4	16.4	15.6	14.7	13.4	9.1	12.0	13.5	16.3	15.4	14.0	12.0	
14.0	9.3	9.1	12.8	12.0	11.1	9.9	8.0	10.6	11.8	12.7	11.8	10.5	14.0	
16.0	8.3	8.1	10.2	9.5	8.6	7.4	7.0	9.5	10.3	10.2	9.3	8.0	16.0	
18.0	7.5	7.3	8.3	7.6	6.7	5.6	6.3	8.5	8.5	8.3	7.4	6.2	18.0	
20.0	6.8	6.6	6.8	6.1	5.3	4.1	5.7	7.2	7.0	6.8	5.9	4.7	20.0	
22.0							5.2	6.0	5.8	5.6	4.7	3.6	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 68 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	47.0	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	40.0	17.5	22.0	22.0	26.0	33.0	41.0	6.0	
7.0	15.1	18.6	21.7	21.6	35.0	35.0	16.0	20.0	20.0	24.0	30.0	35.5	7.0	
8.0	13.8	16.8	19.7	19.7	30.5	29.3	14.6	18.0	18.0	22.0	27.0	30.1	8.0	
9.0	12.7	15.4	18.0	18.0	25.6	24.0	13.6	16.5	16.5	20.2	25.0	24.9	9.0	
10.0	11.7	14.2	16.6	16.6	21.6	20.1	12.6	15.4	15.0	18.7	21.2	20.9	10.0	
11.0	10.9	13.1	15.4	15.3	18.5	17.1	11.7	14.3	14.0	17.3	18.2	17.8	11.0	
12.0	10.2	12.1	14.3	14.2	16.1	14.7	10.8	13.3	13.0	16.0	15.8	15.4	12.0	
14.0	9.0	10.5	12.5	12.4	12.5	11.2	9.4	11.6	11.3	12.4	12.2	11.8	14.0	
16.0	8.0	9.3	10.4	10.1	9.9	8.7	8.3	10.1	9.9	9.9	9.7	9.3	16.0	
18.0	7.2	8.3	8.5	8.2	8.0	6.8	7.4	8.8	8.4	8.0	7.8	7.4	18.0	
20.0	6.5	7.3	7.0	6.8	6.5	5.3	6.6	7.3	7.0	6.6	6.4	6.0	20.0	
22.0	5.9	6.2	5.8	5.6	5.4	4.2	5.9	6.1	5.8	5.4	5.2	4.8	22.0	
24.0	5.4	5.2	4.8	4.6	4.4	3.3	5.4	5.1	4.8	4.4	4.2	3.8	24.0	
26.0	4.7	4.4	4.0	3.8	3.6	2.5	4.8	4.3	4.0	3.6	3.4	3.1	26.0	
28.0							4.1	3.7	3.3	3.0	2.7	2.4	28.0	
30.0							3.5	3.1	2.7	2.4	2.2	1.8	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 69 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.2	29.0		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	24.7	24.3		14.5	16.7	19.5	23.0	24.0	9.0	
10.0	13.6	14.3	17.0	20.0	20.8	20.3		13.5	15.5	18.0	20.8	20.3	10.0	
11.0	12.6	13.2	15.7	18.3	17.7	17.3		12.5	14.5	17.0	17.8	17.3	11.0	
12.0	11.8	12.3	14.6	15.9	15.3	14.9		11.6	13.5	16.0	15.4	14.9	12.0	
14.0	10.2	10.7	12.7	12.3	11.7	11.3		10.1	11.8	12.4	11.8	11.3	14.0	
16.0	9.0	9.4	10.1	9.8	9.2	8.8		8.9	10.4	9.9	9.3	8.8	16.0	
18.0	8.1	8.3	8.2	7.9	7.3	7.0		7.9	8.5	8.0	7.4	6.9	18.0	
20.0	7.2	7.2	6.7	6.4	5.8	5.5		7.0	7.0	6.5	6.0	5.5	20.0	
22.0	6.5	6.1	5.6	5.2	4.7	4.3		6.3	5.8	5.4	4.8	4.3	22.0	
24.0	5.5	5.1	4.6	4.3	3.7	3.4		5.4	4.9	4.4	3.8	3.2	24.0	
26.0	4.7	4.3	3.8	3.5	2.9	2.6		4.6	4.1	3.6	3.1	2.6	26.0	
28.0	4.0	3.6	3.1	2.8	2.3	2.0		3.9	3.4	3.0	2.4	1.9	28.0	
30.0	3.4	3.0	2.5	2.2	1.7	1.4		3.3	2.8	2.4	1.8	1.3	30.0	
32.0	2.9	2.5	2.0	1.7	1.2	0.9		2.8	2.3	1.9	1.3		32.0	
34.0	2.4	2.1	1.6	1.3				2.4	1.9	1.5			34.0	
36.0								1.9	1.5	1.1			36.0	
38.0								1.5	1.1				38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 70 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight (3.7t + 18.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.0	20.0	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	17.5	17.2	14.5	16.5	17.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	15.2	15.0	13.5	15.5	15.0		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	12.8	11.9	11.4	12.0	12.0	11.6		12.0	11.5	11.5	9.1	14.0	
16.0	10.0	10.2	9.4	8.9	10.5	9.8	9.1		9.5	9.2	9.2	9.0	16.0	
18.0	8.8	8.3	7.6	7.0	8.6	7.9	7.2		8.0	7.5	7.7	7.5	18.0	
20.0	7.4	6.9	6.1	5.6	7.1	6.4	5.7		6.6	6.1	6.3	6.2	20.0	
22.0	6.2	5.7	5.0	4.4	6.0	5.2	4.6		5.5	5.0	5.2	5.2	22.0	
24.0	5.2	4.7	4.0	3.5	5.0	4.3	3.6		4.6	4.0	4.2	4.3	24.0	
26.0	4.4	3.9	3.2	2.7	4.2	3.5	2.9		3.7	3.2	3.5	3.6	26.0	
28.0	3.7	3.2	2.6	2.0	3.5	2.8	2.2		3.1	2.5	2.8	2.9	28.0	
30.0	3.1	2.6	2.0	1.4	2.9	2.2	1.6		2.5	1.9	2.2	2.3	30.0	
32.0	2.6	2.1	1.5	0.9	2.4	1.7	1.1		2.0	1.4	1.7	1.8	32.0	
34.0	2.2	1.7	1.0		2.0	1.3			1.6	1.0	1.3	1.4	34.0	
36.0	1.8	1.3			1.6	0.9			1.2		0.9	1.0	36.0	
38.0	1.4	1.0			1.2				0.9				38.0	
40.0	1.1				0.9								40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 71 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	70.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	62.5	36.0	55.0	63.0	63.0	63.0	26.0	39.5	59.5	62.0	62.0	62.0	3.5	
4.0	56.0	34.0	51.0	56.0	56.0	56.0	24.5	37.0	55.0	56.0	56.0	56.0	4.0	
4.5	51.0	32.0	47.0	51.0	51.0	51.0	23.0	34.5	50.5	50.5	50.5	50.5	4.5	
5.0	46.5	30.5	44.0	46.5	46.5	46.5	21.5	32.5	46.0	46.0	46.0	46.0	5.0	
6.0	39.5	28.0	39.0	39.5	39.5	39.5	19.5	29.0	39.0	39.0	39.0	39.0	6.0	
7.0	32.0	26.0	33.9	33.5	33.0	32.2	17.8	26.0	33.5	33.5	33.0	31.4	7.0	
8.0	25.0	24.0	26.9	26.5	26.0	25.3	16.3	23.6	27.6	26.8	26.0	24.6	8.0	
9.0	20.0	22.3	22.0	21.6	21.1	20.5	15.0	21.6	22.7	21.9	21.1	19.7	9.0	
10.0		18.7	18.3	18.0	17.5	16.9	14.0	19.6	19.0	18.3	17.5	16.2	10.0	
11.0		15.9	15.5	15.2	14.7	14.2	13.0	16.8	16.2	15.5	14.7	13.5	11.0	
12.0		13.7	13.3	13.0	12.5	12.0	12.3	14.6	13.9	13.3	12.5	11.3	12.0	
14.0							10.9	11.2	10.6	10.0	9.3	8.1	14.0	
16.0							9.1	8.9	8.3	7.7	7.0	5.8	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode I	1	1	1	1	1	1	1	1	1	1	1	2	I	Telescoping mode
Telescoping mode II	1	1	1	1	1	2	1	1	1	1	2	2	II	Telescoping mode
Telescoping mode III	1	1	1	1	2	1	1	1	1	2	2	1	III	Telescoping mode
Telescoping mode IV	1	1	1	2	1	1	1	1	2	2	1	1	IV	Telescoping mode
Telescoping mode V	1	1	2	1	1	1	1	2	2	1	1	1	V	Telescoping mode
Telescoping mode VI	1	2	1	1	1	1	3	2	1	1	1	1	VI	Telescoping mode

Table 72 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	62.0	62.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.0	56.0	56.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	51.0	51.0	51.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	46.0	46.0	46.0	16.0	21.5	24.0	39.5	47.5	47.5	5.0	
6.0	17.5	17.3	32.7	39.0	39.0	39.0	15.0	19.0	22.5	36.0	40.0	40.0	6.0	
7.0	15.8	15.6	29.7	34.0	33.7	32.0	13.5	17.5	20.5	32.8	34.0	33.0	7.0	
8.0	14.4	14.2	27.1	27.8	26.6	25.0	12.5	16.0	18.5	28.6	27.6	26.0	8.0	
9.0	13.2	13.0	23.6	22.8	21.7	20.3	11.5	14.5	17.0	23.7	22.6	21.1	9.0	
10.0	12.2	12.0	20.0	19.2	18.1	16.7	10.5	13.5	15.5	20.0	18.9	17.5	10.0	
11.0	11.3	11.2	17.1	16.4	15.3	14.0	9.8	12.5	14.5	17.1	16.1	14.7	11.0	
12.0	10.5	10.4	14.8	14.1	13.1	11.8	9.1	12.0	13.5	14.8	13.9	12.6	12.0	
14.0	9.3	9.1	11.5	10.8	9.8	8.6	8.0	10.6	11.7	11.5	10.6	9.3	14.0	
16.0	8.3	8.1	9.1	8.4	7.5	6.3	7.0	9.4	9.3	9.1	8.2	7.0	16.0	
18.0	7.4	7.3	7.4	6.7	5.8	4.6	6.3	7.7	7.6	7.4	6.5	5.3	18.0	
20.0	6.4	6.2	6.0	5.3	4.5	3.3	5.7	6.4	6.2	6.0	5.1	3.9	20.0	
22.0							5.2	5.3	5.1	4.9	4.0	2.8	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 73 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	47.0	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	40.0	17.5	22.0	22.0	26.0	33.0	41.0	6.0	
7.0	15.1	18.6	21.7	21.6	34.8	33.2	16.0	20.0	20.0	24.0	30.0	33.0	7.0	
8.0	13.8	16.8	19.7	19.7	28.3	26.9	14.6	18.0	18.0	22.0	27.0	27.5	8.0	
9.0	12.7	15.4	18.0	18.0	23.3	22.0	13.6	16.5	16.5	20.2	23.0	22.5	9.0	
10.0	11.7	14.2	16.6	16.6	19.6	18.3	12.6	15.4	15.0	18.7	19.3	18.9	10.0	
11.0	10.9	13.1	15.4	15.3	16.8	15.5	11.7	14.3	14.0	16.6	16.5	16.0	11.0	
12.0	10.2	12.1	14.2	14.2	14.5	13.3	10.8	13.3	13.0	14.4	14.3	13.8	12.0	
14.0	9.0	10.5	11.6	11.4	11.2	10.0	9.4	11.5	11.3	11.1	11.0	10.5	14.0	
16.0	8.0	9.2	9.3	9.1	8.8	7.6	8.3	9.5	9.2	8.8	8.6	8.1	16.0	
18.0	7.2	7.8	7.5	7.3	7.1	5.9	7.4	7.8	7.4	7.0	6.8	6.4	18.0	
20.0	6.4	6.5	6.2	6.0	5.7	4.5	6.6	6.4	6.0	5.7	5.5	5.1	20.0	
22.0	5.7	5.4	5.1	4.9	4.6	3.5	5.7	5.3	4.9	4.6	4.4	4.0	22.0	
24.0	4.8	4.5	4.2	4.0	3.7	2.6	4.8	4.4	4.0	3.7	3.5	3.1	24.0	
26.0	4.1	3.8	3.4	3.2	3.0	1.9	4.1	3.7	3.3	3.0	2.8	2.4	26.0	
28.0							3.5	3.1	2.7	2.4	2.2	1.8	28.0	
30.0							3.0	2.6	2.2	1.9	1.7	1.3	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Telescoping mode Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	Telescoping mode
Telescoping mode Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	Telescoping mode
Telescoping mode Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	Telescoping mode
Telescoping mode Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	Telescoping mode
Telescoping mode Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	Telescoping mode

Table 74 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	32.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	26.8	26.5		15.5	18.0	21.0	24.5	25.0	8.0	
9.0	14.5	15.5	18.4	22.0	22.4	22.0		14.5	16.7	19.5	22.0	21.5	9.0	
10.0	13.6	14.3	17.0	19.5	18.8	18.3		13.5	15.5	18.0	18.8	18.3	10.0	
11.0	12.6	13.2	15.7	16.6	16.0	15.5		12.5	14.5	16.7	16.0	15.5	11.0	
12.0	11.8	12.3	14.6	14.4	13.8	13.3		11.6	13.5	14.5	13.8	13.3	12.0	
14.0	10.2	10.7	11.3	11.0	10.5	10.0		10.1	11.7	11.2	10.5	10.0	14.0	
16.0	9.0	9.4	9.0	8.6	8.0	7.7		8.9	9.4	8.8	8.2	7.7	16.0	
18.0	8.0	7.6	7.2	6.9	6.3	6.0		7.9	7.6	7.0	6.4	5.9	18.0	
20.0	6.7	6.3	5.8	5.5	5.0	4.7		6.7	6.2	5.7	5.1	4.6	20.0	
22.0	5.6	5.2	4.7	4.4	3.9	3.6		5.6	5.1	4.6	4.0	3.5	22.0	
24.0	4.7	4.3	3.8	3.5	3.0	2.7		4.7	4.2	3.7	3.1	2.6	24.0	
26.0	4.0	3.6	3.1	2.8	2.3	2.0		4.0	3.4	3.0	2.4	1.9	26.0	
28.0	3.4	3.0	2.5	2.2	1.7	1.4		3.4	2.8	2.4	1.8	1.3	28.0	
30.0	2.9	2.5	2.0	1.7	1.2			2.8	2.3	1.9	1.3		30.0	
32.0	2.4	2.0	1.5	1.2				2.3	1.8	1.4			32.0	
34.0	2.0	1.6	1.1					1.9	1.4	1.0			34.0	
36.0								1.6	1.1				36.0	
38.0								1.2					38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 75 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight (3.7t + 15.6t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	21.5	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.0	18.0	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	16.1	15.4	14.5	16.0	16.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	14.0	13.3	13.5	14.0	13.4		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	11.5	10.7	10.1	11.5	10.9	10.2		11.0	10.5	10.5	9.1	14.0	
16.0	9.5	9.2	8.4	7.8	9.2	8.7	8.0		8.8	8.2	8.5	8.5	16.0	
18.0	7.8	7.4	6.7	6.0	7.5	7.0	6.3		7.2	6.6	6.9	7.0	18.0	
20.0	6.5	6.0	5.3	4.7	6.2	5.6	5.0		5.8	5.2	5.5	5.6	20.0	
22.0	5.4	4.9	4.2	3.6	5.2	4.5	3.9		4.8	4.2	4.5	4.6	22.0	
24.0	4.5	4.0	3.3	2.7	4.3	3.6	3.0		3.9	3.3	3.6	3.7	24.0	
26.0	3.8	3.3	2.6	2.0	3.6	2.9	2.3		3.2	2.6	2.9	3.0	26.0	
28.0	3.1	2.6	2.0	1.4	3.0	2.3	1.7		2.6	2.0	2.3	2.4	28.0	
30.0	2.6	2.1	1.5	0.9	2.4	1.7	1.1		2.1	1.4	1.8	1.8	30.0	
32.0	2.1	1.6	1.0		2.0	1.3			1.6	1.0	1.3	1.3	32.0	
34.0	1.7	1.2			1.6				1.2		0.9	0.9	34.0	
36.0	1.3	0.9			1.2								36.0	
38.0	1.0												38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 76 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	70.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	62.5	36.0	55.0	62.5	62.5	62.5	26.0	39.5	59.5	62.0	62.0	62.0	3.5	
4.0	56.0	34.0	51.0	56.0	56.0	56.0	24.5	37.0	55.0	55.5	55.5	55.5	4.0	
4.5	51.0	32.0	47.0	51.0	51.0	51.0	23.0	34.5	50.5	50.5	50.5	50.5	4.5	
5.0	46.5	30.5	44.0	46.5	46.5	46.5	21.5	32.5	46.0	46.0	46.0	46.0	5.0	
6.0	39.0	28.0	39.0	39.5	39.5	39.5	19.5	29.0	38.5	38.5	38.5	38.5	6.0	
7.0	29.0	26.0	31.0	30.5	30.0	29.5	17.8	26.0	31.5	31.0	30.0	28.5	7.0	
8.0	22.5	24.0	24.5	24.0	23.5	23.0	16.3	23.6	25.0	24.5	23.5	22.0	8.0	
9.0	18.0	20.5	20.0	19.5	19.0	18.5	15.0	21.5	20.5	20.0	19.0	17.5	9.0	
10.0		17.0	16.5	16.0	15.5	15.0	14.0	17.5	17.0	16.5	15.8	14.5	10.0	
11.0		14.5	14.0	13.5	13.0	12.5	13.0	15.0	14.5	14.0	13.2	12.0	11.0	
12.0		12.5	12.0	11.5	11.0	10.5	12.2	13.0	12.5	12.0	11.2	10.0	12.0	
14.0							10.4	10.0	9.5	9.0	8.2	7.0	14.0	
16.0							8.2	8.0	7.4	6.8	6.1	5.0	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t 锚钩												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 77 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	62.0	62.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.0	56.0	56.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	50.5	50.5	50.5	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	46.0	46.0	46.0	16.0	21.5	24.0	39.5	47.0	47.0	5.0	
6.0	17.5	17.3	32.7	39.0	39.0	39.0	15.0	19.0	22.5	36.0	39.5	39.0	6.0	
7.0	15.8	15.6	29.7	32.0	31.0	29.5	13.5	17.5	20.5	32.8	32.0	30.4	7.0	
8.0	14.4	14.2	26.7	25.5	24.5	23.0	12.5	16.0	18.5	26.6	25.5	23.9	8.0	
9.0	13.2	13.0	22.0	21.0	20.0	18.5	11.5	14.5	17.0	22.0	20.8	19.3	9.0	
10.0	12.2	12.0	18.5	17.6	16.6	15.2	10.5	13.5	15.5	18.5	17.4	16.0	10.0	
11.0	11.3	11.2	15.8	15.0	14.0	12.6	9.8	12.5	14.5	15.8	14.7	13.4	11.0	
12.0	10.5	10.4	13.7	12.9	12.0	10.6	9.1	12.0	13.4	13.7	12.6	11.4	12.0	
14.0	9.3	9.1	10.5	9.8	8.9	7.6	8.0	10.5	10.6	10.5	9.5	8.3	14.0	
16.0	8.3	8.1	8.3	7.6	6.7	5.5	7.0	8.7	8.5	8.3	7.3	6.1	16.0	
18.0	7.0	6.8	6.6	5.9	5.1	3.9	6.3	7.0	6.8	6.6	5.7	4.5	18.0	
20.0	5.8	5.6	5.3	4.6	3.8	2.7	5.7	5.7	5.5	5.3	4.4	3.3	20.0	
22.0							5.1	4.7	4.5	4.3	3.4	2.3	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 78 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	51.5							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	47.0	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	39.0	17.5	22.0	22.0	26.0	33.0	39.0	6.0	
7.0	15.1	18.6	21.7	21.6	32.3	30.7	16.0	20.0	20.0	24.0	30.0	31.0	7.0	
8.0	13.8	16.8	19.7	19.7	26.3	24.7	14.6	18.0	18.0	22.0	26.0	25.3	8.0	
9.0	12.7	15.4	18.0	18.0	21.6	20.1	13.6	16.5	16.5	20.2	21.3	20.8	9.0	
10.0	11.7	14.2	16.6	16.6	18.1	16.7	12.6	15.4	15.0	18.0	17.9	17.3	10.0	
11.0	10.9	13.1	15.4	15.3	15.4	14.1	11.7	14.3	14.0	15.4	15.2	14.6	11.0	
12.0	10.2	12.1	13.8	13.5	13.3	12.0	10.8	13.2	13.0	13.3	13.1	12.5	12.0	
14.0	9.0	10.5	10.6	10.4	10.2	8.9	9.4	11.0	10.7	10.2	9.9	9.4	14.0	
16.0	8.0	8.8	8.4	8.2	8.0	6.7	8.3	8.8	8.5	8.0	7.7	7.2	16.0	
18.0	7.1	7.2	6.7	6.5	6.3	5.1	7.3	7.1	6.8	6.3	6.1	5.6	18.0	
20.0	6.2	5.9	5.4	5.2	5.0	3.9	6.2	5.8	5.5	5.0	4.8	4.4	20.0	
22.0	5.2	4.9	4.4	4.2	4.0	2.9	5.2	4.8	4.5	4.0	3.8	3.4	22.0	
24.0	4.3	4.0	3.6	3.4	3.2	2.1	4.4	3.9	3.6	3.2	3.0	2.6	24.0	
26.0	3.6	3.3	2.9	2.7	2.5	1.4	3.7	3.2	2.9	2.5	2.4	2.0	26.0	
28.0							3.1	2.6	2.3	1.9	1.8	1.4	28.0	
30.0							2.6	2.1	1.8	1.4	1.3	0.9	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 79 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	27.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	25.0	30.0	29.5		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	23.5	24.8	24.4		15.5	18.0	21.0	24.0	23.5	8.0	
9.0	14.5	15.5	18.4	21.0	20.7	20.3		14.5	16.7	19.5	20.4	19.8	9.0	
10.0	13.6	14.3	17.0	18.0	17.3	16.9		13.5	15.5	18.0	17.2	16.7	10.0	
11.0	12.6	13.2	15.5	15.4	14.6	14.3		12.5	14.5	15.5	14.6	14.2	11.0	
12.0	11.8	12.3	13.6	13.3	12.5	12.2		11.6	13.5	13.3	12.6	12.2	12.0	
14.0	10.2	10.5	10.4	10.1	9.4	9.1		10.1	10.7	10.2	9.5	9.1	14.0	
16.0	9.0	8.6	8.2	7.9	7.2	6.9		8.9	8.5	8.1	7.3	6.9	16.0	
18.0	7.4	6.9	6.5	6.2	5.6	5.3		7.2	6.8	6.4	5.7	5.3	18.0	
20.0	6.1	5.6	5.2	4.9	4.3	4.0		6.0	5.5	5.1	4.4	4.0	20.0	
22.0	5.1	4.6	4.2	3.9	3.3	3.0		5.0	4.5	4.1	3.4	3.0	22.0	
24.0	4.3	3.8	3.4	3.1	2.5	2.2		4.2	3.7	3.2	2.6	2.2	24.0	
26.0	3.6	3.1	2.7	2.4	1.8	1.5		3.5	3.0	2.5	1.9	1.5	26.0	
28.0	3.0	2.5	2.1	1.8	1.3	1.0		2.9	2.4	2.0	1.4	0.9	28.0	
30.0	2.5	2.0	1.6	1.3				2.4	1.9	1.5	0.9		30.0	
32.0	2.0	1.6	1.2					1.9	1.4	1.0			32.0	
34.0	1.6	1.2						1.5	1.0				34.0	
36.0								1.2					36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 80 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight (3.7t + 13.1t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	22.5									8.0	
9.0	15.5	18.0	20.7	19.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	17.3	16.5	15.0	16.0	16.5		14.0	15.0			10.0	
11.0	13.6	15.6	14.7	14.2	14.5	15.0	14.5		13.5	14.5	12.0		11.0	
12.0	12.8	13.5	12.8	12.2	13.5	13.0	12.4		13.0	12.5	12.0	9.2	12.0	
14.0	11.0	10.5	9.7	9.2	10.7	10.0	9.4		10.2	9.8	10.0	9.0	14.0	
16.0	8.7	8.3	7.5	7.0	8.6	7.9	7.2		8.1	7.6	7.8	7.9	16.0	
18.0	7.1	6.6	5.9	5.4	6.9	6.3	5.6		6.5	5.9	6.2	6.2	18.0	
20.0	5.8	5.3	4.6	4.1	5.6	5.0	4.3		5.2	4.6	5.0	5.0	20.0	
22.0	4.7	4.3	3.6	3.1	4.6	4.0	3.3		4.2	3.6	4.0	4.0	22.0	
24.0	3.9	3.5	2.8	2.3	3.8	3.1	2.5		3.4	2.8	3.1	3.2	24.0	
26.0	3.2	2.8	2.1	1.6	3.1	2.4	1.8		2.7	2.1	2.4	2.5	26.0	
28.0	2.6	2.2	1.5	1.0	2.5	1.8	1.2		2.1	1.5	1.9	1.9	28.0	
30.0	2.1	1.7	1.0		2.0	1.3			1.6	1.0	1.3	1.4	30.0	
32.0	1.7	1.3			1.6				1.2		0.9	0.9	32.0	
34.0	1.3				1.2								34.0	
36.0	1.0												36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 81 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	68.0	38.0	60.0	65.0	67.5	67.5	27.5	41.5	64.5	65.0	66.5	66.5	3.0	
3.5	60.0	36.0	55.0	60.0	60.0	60.0	26.0	39.5	59.0	59.0	59.0	59.0	3.5	
4.0	54.0	34.0	51.0	54.0	54.0	54.0	24.5	37.0	52.0	52.0	52.0	52.0	4.0	
4.5	48.5	32.0	47.0	48.5	48.5	48.5	23.0	34.5	47.0	47.0	47.0	47.0	4.5	
5.0	44.5	30.5	44.0	44.0	44.0	44.0	21.5	32.5	42.0	42.0	42.0	41.0	5.0	
6.0	30.5	28.0	32.5	32.0	31.0	30.0	19.5	29.0	33.5	32.5	31.0	29.5	6.0	
7.0	22.5	24.5	24.5	24.0	23.0	22.0	17.8	26.0	25.0	24.0	23.0	21.5	7.0	
8.0	17.0	19.0	19.0	18.5	18.0	17.0	16.3	20.5	19.5	19.0	18.0	16.5	8.0	
9.0	13.5	15.5	15.0	14.5	14.0	13.5	15.0	16.5	16.0	15.3	14.5	13.0	9.0	
10.0		13.0	12.5	12.0	11.5	11.0	13.9	13.8	13.0	12.6	11.8	10.4	10.0	
11.0		10.5	10.0	10.0	9.5	9.0	12.0	11.7	11.0	10.5	9.7	8.3	11.0	
12.0		9.0	8.5	8.5	8.0	7.5	10.3	10.0	9.4	8.8	8.0	6.7	12.0	
14.0							7.7	7.4	6.9	6.3	5.5	4.3	14.0	
16.0							5.9	5.6	5.1	4.5	3.7	2.6	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 82 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	60.0	60.0	60.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	54.0	54.0	54.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	48.5	48.5	48.5	17.0	22.5	25.5	41.0	48.0	48.0	4.5	
5.0	19.5	19.5	36.5	44.5	43.5	41.5	16.0	21.5	24.0	39.5	42.5	41.0	5.0	
6.0	17.5	17.3	32.7	33.0	32.0	30.0	15.0	19.0	22.5	33.5	32.0	30.5	6.0	
7.0	15.8	15.6	26.0	25.0	24.0	22.5	13.5	17.5	20.5	26.5	25.0	23.5	7.0	
8.0	14.4	14.2	20.5	19.5	18.5	17.0	12.5	16.0	18.5	21.0	19.5	18.0	8.0	
9.0	13.2	13.0	17.0	16.0	15.0	13.5	11.5	14.5	16.9	17.0	15.7	14.5	9.0	
10.0	12.2	12.0	14.0	13.0	12.0	11.0	10.5	13.5	14.5	14.0	13.0	11.6	10.0	
11.0	11.3	11.2	12.0	11.0	10.0	8.8	9.8	12.5	12.3	12.0	11.0	9.7	11.0	
12.0	10.5	10.4	10.3	9.5	8.4	7.2	9.1	10.8	10.6	10.3	9.3	8.0	12.0	
14.0	8.2	8.0	7.7	7.0	6.0	4.8	7.9	8.2	8.0	7.7	6.8	5.5	14.0	
16.0	6.3	6.1	5.9	5.2	4.3	3.1	6.8	6.4	6.2	5.9	5.0	3.8	16.0	
18.0	5.0	4.8	4.6	3.9	3.0	1.8	5.4	5.0	4.8	4.6	3.7	2.5	18.0	
20.0	3.9	3.7	3.5	2.8	2.0		4.3	3.9	3.7	3.5	2.6	1.5	20.0	
22.0							3.5	3.1	2.9	2.7	1.8		22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 83 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.0	48.0							4.5	
5.0	18.5	22.5	26.5	27.0	41.0	40.5	19.0	24.0	24.0	29.0	36.0	40.0	5.0	
6.0	16.7	20.7	24.0	24.0	32.0	30.5	17.5	22.0	22.0	26.0	31.0	30.5	6.0	
7.0	15.1	18.6	21.7	21.6	25.5	23.7	16.0	20.0	20.0	24.0	24.5	24.0	7.0	
8.0	13.8	16.8	19.6	19.6	20.5	18.8	14.6	18.0	18.0	20.6	20.0	19.5	8.0	
9.0	12.7	15.4	17.3	17.0	16.6	15.0	13.6	16.5	16.5	16.8	16.5	16.0	9.0	
10.0	11.7	14.1	14.5	14.2	13.8	12.3	12.6	14.9	14.4	14.0	13.7	13.2	10.0	
11.0	10.9	12.7	12.3	12.0	11.7	10.2	11.7	12.6	12.2	11.8	11.5	11.0	11.0	
12.0	10.1	10.9	10.5	10.3	10.0	8.6	10.8	10.9	10.5	10.1	9.8	9.3	12.0	
14.0	8.7	8.3	7.9	7.7	7.4	6.1	8.8	8.3	7.9	7.5	7.2	6.8	14.0	
16.0	6.8	6.5	6.1	5.9	5.6	4.3	6.9	6.5	6.1	5.7	5.4	5.0	16.0	
18.0	5.4	5.1	4.8	4.6	4.3	3.0	5.5	5.1	4.7	4.3	4.1	3.7	18.0	
20.0	4.3	4.0	3.7	3.5	3.2	2.0	4.5	4.1	3.7	3.3	3.1	2.7	20.0	
22.0	3.5	3.2	2.9	2.7	2.4	1.2	3.6	3.2	2.8	2.4	2.2	1.8	22.0	
24.0	2.8	2.5	2.2	2.0	1.7		2.9	2.5	2.1	1.8	1.6	1.2	24.0	
26.0	2.2	1.9	1.6	1.4	1.2		2.3	1.9	1.6	1.2	1.0		26.0	
28.0							1.8	1.4	1.1				28.0	
30.0							1.3	1.0					30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 84 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	23.0	27.0	30.0	29.0							6.0	
7.0	16.5	18.6	21.0	24.0	23.5	23.0		17.0	19.5	22.5	23.0	22.0	7.0	
8.0	15.5	16.9	19.5	20.0	19.0	18.5		15.5	18.0	19.5	18.5	18.0	8.0	
9.0	14.5	15.5	17.0	16.5	15.8	15.3		14.5	16.7	16.5	15.5	15.0	9.0	
10.0	13.6	14.3	14.1	13.7	13.0	12.5		13.5	14.5	14.0	13.0	12.5	10.0	
11.0	12.6	12.5	12.0	11.5	11.0	10.5		12.5	12.3	11.8	11.0	10.5	11.0	
12.0	11.3	10.8	10.2	9.8	9.3	8.8		11.0	10.5	10.1	9.3	8.8	12.0	
14.0	8.7	8.2	7.6	7.2	6.7	6.3		8.5	8.0	7.5	6.8	6.2	14.0	
16.0	6.8	6.3	5.8	5.4	4.9	4.5		6.7	6.1	5.7	5.0	4.4	16.0	
18.0	5.4	5.0	4.5	4.1	3.6	3.2		5.3	4.7	4.3	3.6	3.1	18.0	
20.0	4.3	4.0	3.5	3.1	2.6	2.2		4.2	3.7	3.3	2.6	2.1	20.0	
22.0	3.5	3.1	2.6	2.2	1.7	1.4		3.4	2.9	2.5	1.8	1.3	22.0	
24.0	2.8	2.4	1.9	1.6	1.1			2.7	2.2	1.8	1.1		24.0	
26.0	2.2	1.8	1.3	1.0				2.1	1.6	1.2			26.0	
28.0	1.7	1.3	0.9					1.6	1.1				28.0	
30.0	1.3	0.9						1.2					30.0	
32.0	1.0												32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 85 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight (3.7t + 6.4t moved backward), over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	18.5	18.0									8.0	
9.0	15.5	16.5	15.5	15.0	15.0	16.0	15.0						9.0	
10.0	14.5	14.0	13.2	12.5	14.5	13.5	13.0		14.0	13.0			10.0	
11.0	12.5	12.0	11.3	10.5	12.5	11.5	11.0		12.0	11.0	11.0		11.0	
12.0	11.0	10.4	9.6	9.0	10.8	10.0	9.1		10.3	9.6	10.0	9.2	12.0	
14.0	8.4	7.8	7.0	6.4	8.2	7.4	6.6		7.8	7.1	7.5	7.6	14.0	
16.0	6.5	6.0	5.2	4.6	6.3	5.6	4.8		6.0	5.3	5.6	5.7	16.0	
18.0	5.1	4.6	3.9	3.3	4.9	4.2	3.5		4.6	3.9	4.2	4.3	18.0	
20.0	4.0	3.5	2.8	2.2	3.8	3.1	2.5		3.5	2.8	3.1	3.2	20.0	
22.0	3.2	2.7	2.0	1.4	3.0	2.3	1.7		2.7	2.0	2.3	2.4	22.0	
24.0	2.5	2.0	1.3		2.3	1.6	1.0		2.0	1.3	1.6	1.7	24.0	
26.0	1.9	1.4			1.7	1.0			1.4		1.0	1.1	26.0	
28.0	1.4	1.0			1.2				0.9				28.0	
30.0	1.0												30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 86 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	70.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	62.5	36.0	55.0	63.0	63.0	63.0	26.0	39.5	59.5	62.0	62.0	62.0	3.5	
4.0	56.0	34.0	51.0	56.0	56.0	56.0	24.5	37.0	55.0	56.0	56.0	56.0	4.0	
4.5	51.0	32.0	47.0	51.0	51.0	51.0	23.0	34.5	50.5	50.5	50.5	50.5	4.5	
5.0	46.5	30.5	44.0	46.5	46.5	46.5	21.5	32.5	46.0	46.0	46.0	46.0	5.0	
6.0	39.5	28.0	39.0	39.5	39.5	39.5	19.5	29.0	39.0	39.0	39.0	39.0	6.0	
7.0	34.0	26.0	34.0	34.0	34.0	34.0	17.8	26.0	33.5	33.5	33.5	33.5	7.0	
8.0	29.5	24.0	29.5	29.5	29.5	29.5	16.3	23.6	29.0	29.0	29.0	29.0	8.0	
9.0	26.0	22.5	26.0	26.0	26.0	26.0	15.0	21.8	25.5	25.5	25.5	25.5	9.0	
10.0		21.0	23.0	23.0	23.0	22.4	14.0	20.0	22.5	22.5	22.5	21.7	10.0	
11.0		20.0	20.4	20.0	19.5	19.0	13.0	18.5	19.7	19.7	19.6	18.3	11.0	
12.0		18.0	17.7	17.3	16.8	16.3	12.3	17.1	17.3	17.3	16.9	15.6	12.0	
14.0							10.9	13.7	13.7	13.6	12.8	11.7	14.0	
16.0							9.8	11.0	11.0	10.7	10.0	8.9	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 87 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	62.0	62.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.0	56.0	56.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	51.0	51.0	51.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	46.0	46.0	46.0	16.0	21.5	24.0	39.5	47.5	47.5	5.0	
6.0	17.5	17.3	32.7	39.0	39.0	39.0	15.0	19.0	22.5	36.0	40.0	40.0	6.0	
7.0	15.8	15.6	29.7	34.0	34.0	34.0	13.5	17.5	20.5	32.8	34.0	34.0	7.0	
8.0	14.4	14.2	27.1	29.5	29.5	29.5	12.5	16.0	18.5	30.0	30.0	30.0	8.0	
9.0	13.2	13.0	24.9	26.0	26.0	26.0	11.5	14.5	17.0	26.5	26.5	26.5	9.0	
10.0	12.2	12.0	22.9	22.9	22.9	22.3	10.5	13.5	15.5	23.5	23.5	23.0	10.0	
11.0	11.3	11.2	20.2	20.2	20.2	18.9	9.8	12.5	14.5	20.8	20.8	19.6	11.0	
12.0	10.5	10.4	17.8	17.8	17.5	16.2	9.1	12.0	13.5	18.5	18.2	16.9	12.0	
14.0	9.3	9.1	14.2	14.2	13.5	12.2	8.0	10.6	11.8	14.8	14.2	12.9	14.0	
16.0	8.3	8.1	11.5	11.5	10.6	9.4	7.0	9.5	10.4	12.0	11.3	10.0	16.0	
18.0	7.5	7.3	9.3	9.3	8.5	7.3	6.3	8.6	9.3	9.9	9.1	7.9	18.0	
20.0	6.8	6.6	7.6	7.6	6.8	5.7	5.7	7.8	8.2	8.2	7.5	6.3	20.0	
22.0							5.2	6.8	6.8	6.8	6.2	5.0	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 88 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	47.0	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	40.0	17.5	22.0	22.0	26.0	33.0	41.0	6.0	
7.0	15.1	18.6	21.7	21.6	35.0	35.0	16.0	20.0	20.0	24.0	30.0	35.5	7.0	
8.0	13.8	16.8	19.7	19.7	30.5	30.5	14.6	18.0	18.0	22.0	27.0	31.0	8.0	
9.0	12.7	15.4	18.0	18.0	27.0	27.0	13.6	16.5	16.5	20.2	25.0	27.5	9.0	
10.0	11.7	14.2	16.6	16.6	24.5	23.8	12.6	15.4	15.0	18.7	23.0	24.5	10.0	
11.0	10.9	13.1	15.4	15.3	21.3	20.3	11.7	14.3	14.0	17.3	21.4	21.0	11.0	
12.0	10.2	12.1	14.3	14.2	19.0	17.6	10.8	13.3	13.0	16.2	18.7	18.3	12.0	
14.0	9.0	10.5	12.5	12.4	14.8	13.5	9.4	11.6	11.3	14.1	14.7	14.2	14.0	
16.0	8.0	9.3	11.0	10.9	12.0	10.7	8.3	10.2	9.9	11.9	11.8	11.3	16.0	
18.0	7.2	8.3	9.8	9.7	9.8	8.5	7.4	9.1	8.8	9.8	9.6	9.2	18.0	
20.0	6.5	7.4	8.4	8.2	8.1	6.9	6.6	8.1	7.9	8.1	7.9	7.5	20.0	
22.0	5.9	6.7	7.2	7.0	6.8	5.6	5.9	7.3	7.0	6.8	6.6	6.2	22.0	
24.0	5.4	6.1	6.1	5.9	5.7	4.5	5.4	6.3	6.0	5.7	5.5	5.1	24.0	
26.0	5.0	5.3	5.2	5.0	4.8	3.6	4.9	5.5	5.2	4.8	4.6	4.2	26.0	
28.0							4.5	4.7	4.4	4.0	3.8	3.4	28.0	
30.0							4.2	4.0	3.7	3.4	3.2	2.8	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 89 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	35.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	29.5	30.5		15.5	18.0	21.0	24.5	28.0	8.0	
9.0	14.5	15.5	18.4	22.0	27.3	27.5		14.5	16.7	19.5	23.0	27.0	9.0	
10.0	13.6	14.3	17.0	20.0	24.4	24.0		13.5	15.5	18.0	22.0	24.0	10.0	
11.0	12.6	13.2	15.7	19.0	21.0	20.5		12.5	14.5	17.0	20.7	20.6	11.0	
12.0	11.8	12.3	14.6	17.9	18.3	17.9		11.6	13.5	16.0	18.3	17.9	12.0	
14.0	10.2	10.7	12.8	14.6	14.2	13.8		10.1	11.8	14.0	14.3	13.8	14.0	
16.0	9.0	9.4	11.3	11.8	11.3	10.9		8.9	10.5	12.0	11.4	10.9	16.0	
18.0	8.1	8.3	9.9	9.6	9.1	8.7		7.9	9.4	9.9	9.2	8.7	18.0	
20.0	7.2	7.4	8.3	8.0	7.4	7.1		7.0	8.4	8.2	7.5	7.0	20.0	
22.0	6.5	6.6	7.0	6.6	6.1	5.7		6.3	7.2	6.8	6.2	5.7	22.0	
24.0	6.0	6.0	5.9	5.5	5.0	4.7		5.8	6.2	5.7	5.1	4.6	24.0	
26.0	5.4	5.3	5.0	4.6	4.1	3.8		5.3	5.3	4.8	4.2	3.7	26.0	
28.0	4.6	4.6	4.2	3.9	3.3	3.0		4.5	4.5	4.0	3.4	3.0	28.0	
30.0	3.9	3.9	3.5	3.2	2.7	2.4		3.8	3.8	3.4	2.8	2.3	30.0	
32.0	3.3	3.3	3.0	2.6	2.1	1.8		3.2	3.2	2.8	2.2	1.8	32.0	
34.0	2.7	2.7	2.5	2.1	1.6	1.3		2.6	2.6	2.3	1.7	1.3	34.0	
36.0								2.2	2.2	1.9	1.3	0.8	36.0	
38.0								1.7	1.7	1.5	0.9		38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 90 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 31.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	24.0									8.0	
9.0	15.5	18.0	20.7	23.0	15.0	17.0	18.0						9.0	
10.0	14.5	16.7	19.5	22.5	15.0	17.0	18.0		14.0	15.0			10.0	
11.0	13.6	15.6	18.2	20.8	14.5	16.5	18.0		13.5	14.5	12.0		11.0	
12.0	12.8	14.6	17.2	18.1	13.5	15.5	17.5		13.0	14.0	12.0	9.2	12.0	
14.0	11.2	13.0	14.5	13.9	12.1	14.0	14.2		12.0	13.5	11.5	9.1	14.0	
16.0	10.0	11.5	11.7	11.0	10.8	11.9	11.3		11.0	11.6	11.0	9.0	16.0	
18.0	8.9	10.1	9.5	8.9	9.7	9.8	9.1		10.1	9.5	9.8	8.8	18.0	
20.0	8.0	8.5	7.8	7.2	8.8	8.1	7.4		8.5	7.8	8.2	8.2	20.0	
22.0	7.3	7.1	6.4	5.9	7.5	6.7	6.1		7.1	6.4	6.8	6.9	22.0	
24.0	6.4	6.0	5.3	4.8	6.4	5.6	5.0		6.0	5.3	5.7	5.8	24.0	
26.0	5.3	5.1	4.4	3.9	5.4	4.7	4.1		5.1	4.4	4.7	4.8	26.0	
28.0	4.5	4.3	3.6	3.1	4.6	3.9	3.3		4.3	3.6	4.0	4.0	28.0	
30.0	3.8	3.7	3.0	2.5	4.0	3.3	2.7		3.6	3.0	3.3	3.4	30.0	
32.0	3.3	3.1	2.4	1.9	3.4	2.7	2.1		3.0	2.4	2.7	2.8	32.0	
34.0	2.8	2.6	1.9	1.4	2.9	2.2	1.6		2.5	1.9	2.2	2.3	34.0	
36.0	2.3	2.1	1.5	1.0	2.4	1.8	1.2		2.1	1.5	1.8	1.8	36.0	
38.0	1.8	1.7	1.1		2.0	1.4	0.8		1.7	1.1	1.4	1.4	38.0	
40.0	1.4	1.4	0.8		1.6	1.0			1.3	0.8	1.0	1.1	40.0	
42.0	1.1	1.1			1.3				1.0			0.8	42.0	
44.0					0.9				0.8				44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 91 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	70.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	62.5	36.0	55.0	63.0	63.0	63.0	26.0	39.5	59.5	62.0	62.0	62.0	3.5	
4.0	56.0	34.0	51.0	56.0	56.0	56.0	24.5	37.0	55.0	56.0	56.0	56.0	4.0	
4.5	51.0	32.0	47.0	51.0	51.0	51.0	23.0	34.5	50.5	50.5	50.5	50.5	4.5	
5.0	46.5	30.5	44.0	46.5	46.5	46.5	21.5	32.5	46.0	46.0	46.0	46.0	5.0	
6.0	39.5	28.0	39.0	39.5	39.5	39.5	19.5	29.0	39.0	39.0	39.0	39.0	6.0	
7.0	32.8	26.0	34.0	34.0	33.7	33.0	17.8	26.0	33.5	33.5	33.5	32.2	7.0	
8.0	25.7	24.0	27.6	27.2	26.6	26.0	16.3	23.6	28.4	27.6	26.6	25.2	8.0	
9.0	20.8	22.5	22.6	22.2	21.6	21.0	15.0	21.8	23.4	22.6	21.6	20.3	9.0	
10.0		19.2	18.9	18.5	18.0	17.4	14.0	19.9	19.6	18.9	17.9	16.7	10.0	
11.0		16.3	16.0	15.6	15.2	14.6	13.0	17.3	16.7	16.0	15.1	13.9	11.0	
12.0		14.1	13.8	13.4	12.9	12.4	12.3	15.0	14.4	13.7	12.9	11.7	12.0	
14.0							10.9	11.6	11.0	10.4	9.6	8.4	14.0	
16.0							9.4	9.1	8.6	8.0	7.2	6.1	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 92 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	62.0	62.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.0	56.0	56.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	51.0	51.0	51.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	46.0	46.0	46.0	16.0	21.5	24.0	39.5	47.5	47.5	5.0	
6.0	17.5	17.3	32.7	39.0	39.0	39.0	15.0	19.0	22.5	36.0	40.0	40.0	6.0	
7.0	15.8	15.6	29.7	34.0	34.0	32.9	13.5	17.5	20.5	32.8	34.0	33.8	7.0	
8.0	14.4	14.2	27.1	28.5	27.3	25.8	12.5	16.0	18.5	29.3	28.3	26.6	8.0	
9.0	13.2	13.0	24.2	23.4	22.3	20.9	11.5	14.5	17.0	24.2	23.2	21.7	9.0	
10.0	12.2	12.0	20.4	19.7	18.6	17.3	10.5	13.5	15.5	20.4	19.5	18.0	10.0	
11.0	11.3	11.2	17.5	16.8	15.8	14.5	9.8	12.5	14.5	17.5	16.6	15.2	11.0	
12.0	10.5	10.4	15.2	14.5	13.6	12.3	9.1	12.0	13.5	15.2	14.3	13.0	12.0	
14.0	9.3	9.1	11.8	11.1	10.2	9.0	8.0	10.6	11.7	11.8	10.9	9.6	14.0	
16.0	8.3	8.1	9.4	8.7	7.8	6.6	7.0	9.4	9.6	9.4	8.5	7.3	16.0	
18.0	7.5	7.3	7.6	6.9	6.1	4.9	6.3	8.0	7.8	7.6	6.7	5.5	18.0	
20.0	6.6	6.4	6.2	5.5	4.7	3.5	5.7	6.6	6.4	6.2	5.3	4.2	20.0	
22.0							5.2	5.5	5.3	5.1	4.2	3.1	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 93 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	47.0	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	40.0	17.5	22.0	22.0	26.0	33.0	41.0	6.0	
7.0	15.1	18.6	21.7	21.6	35.0	34.1	16.0	20.0	20.0	24.0	30.0	34.0	7.0	
8.0	13.8	16.8	19.7	19.7	29.2	27.6	14.6	18.0	18.0	22.0	27.0	28.0	8.0	
9.0	12.7	15.4	18.0	18.0	24.0	22.5	13.6	16.5	16.5	20.2	23.7	23.1	9.0	
10.0	11.7	14.2	16.6	16.6	20.2	18.8	12.6	15.4	15.0	18.7	19.9	19.5	10.0	
11.0	10.9	13.1	15.4	15.3	17.3	16.0	11.7	14.3	14.0	17.3	17.0	16.6	11.0	
12.0	10.2	12.1	14.2	14.2	15.0	13.7	10.8	13.3	13.0	15.0	14.7	14.4	12.0	
14.0	9.0	10.5	12.0	11.8	11.6	10.3	9.4	11.5	11.3	11.6	11.3	11.0	14.0	
16.0	8.0	9.3	9.6	9.4	9.2	7.9	8.3	9.8	9.5	9.2	8.9	8.6	16.0	
18.0	7.2	8.2	7.8	7.6	7.4	6.1	7.4	8.0	7.7	7.4	7.1	6.8	18.0	
20.0	6.5	6.8	6.4	6.2	6.0	4.8	6.6	6.6	6.3	6.0	5.7	5.4	20.0	
22.0	5.8	5.7	5.3	5.1	4.9	3.7	5.9	5.5	5.2	4.9	4.6	4.3	22.0	
24.0	5.0	4.8	4.4	4.2	4.0	2.8	5.1	4.6	4.3	4.0	3.7	3.4	24.0	
26.0	4.3	4.0	3.6	3.4	3.2	2.0	4.4	3.9	3.6	3.2	3.0	2.6	26.0	
28.0							3.7	3.2	2.9	2.6	2.4	2.0	28.0	
30.0							3.2	2.7	2.4	2.0	1.8	1.4	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Telescoping mode Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	Telescoping mode
Telescoping mode Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	Telescoping mode
Telescoping mode Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	Telescoping mode
Telescoping mode Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	Telescoping mode
Telescoping mode Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	Telescoping mode

Table 94 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	31.5	32.5		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	27.6	27.0		15.5	18.0	21.0	24.5	26.5	8.0	
9.0	14.5	15.5	18.4	22.0	23.1	22.7		14.5	16.7	19.5	23.0	22.3	9.0	
10.0	13.6	14.3	17.0	20.0	19.4	19.0		13.5	15.5	18.0	19.5	19.0	10.0	
11.0	12.6	13.2	15.7	17.1	16.6	16.1		12.5	14.5	17.0	16.7	16.1	11.0	
12.0	11.8	12.3	14.6	14.8	14.3	13.8		11.6	13.5	15.0	14.4	13.9	12.0	
14.0	10.2	10.7	11.7	11.4	10.9	10.5		10.1	11.8	11.6	11.0	10.5	14.0	
16.0	9.0	9.4	9.3	9.0	8.5	8.1		8.9	9.5	9.2	8.6	8.1	16.0	
18.0	8.1	8.0	7.5	7.2	6.7	6.3		7.9	7.8	7.4	6.8	6.3	18.0	
20.0	7.0	6.6	6.1	5.8	5.3	5.0		6.9	6.4	6.0	5.4	4.9	20.0	
22.0	5.9	5.5	5.0	4.7	4.2	3.9		5.8	5.3	4.9	4.3	3.8	22.0	
24.0	5.0	4.6	4.1	3.8	3.3	3.0		4.9	4.4	4.0	3.4	2.9	24.0	
26.0	4.3	3.8	3.4	3.0	2.5	2.2		4.1	3.6	3.2	2.6	2.1	26.0	
28.0	3.6	3.1	2.7	2.4	1.9	1.6		3.5	3.0	2.6	2.0	1.5	28.0	
30.0	3.0	2.6	2.2	1.8	1.3	1.0		3.0	2.4	2.0	1.4	1.0	30.0	
32.0	2.5	2.1	1.7	1.4				2.5	2.0	1.5	1.0		32.0	
34.0	2.1	1.7	1.3	1.0				2.0	1.5	1.1			34.0	
36.0								1.7	1.2				36.0	
38.0								1.3					38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 95 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 22.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)													Working radius (m)
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0														5.0
6.0														6.0
7.0														7.0
8.0	17.0	19.0	22.0	24.0										8.0
9.0	15.5	18.0	20.7	21.5	15.0	17.0	18.0							9.0
10.0	14.5	16.7	19.0	18.7	15.0	17.0	18.0		14.0	15.0				10.0
11.0	13.6	15.6	17.0	16.0	14.5	16.5	16.0		13.5	14.5	12.0			11.0
12.0	12.8	14.6	14.6	14.0	13.5	14.8	14.0		13.0	14.0	12.0	9.2		12.0
14.0	11.2	11.8	11.1	10.5	12.0	11.3	10.7		11.5	11.0	11.5	9.1		14.0
16.0	10.0	9.4	8.7	8.1	9.7	9.0	8.4		9.3	8.7	9.0	9.0		16.0
18.0	8.1	7.6	7.0	6.4	7.9	7.2	6.6		7.5	6.9	7.2	7.3		18.0
20.0	6.7	6.2	5.6	5.0	6.5	5.8	5.2		6.2	5.5	5.8	6.0		20.0
22.0	5.6	5.1	4.5	3.9	5.4	4.7	4.1		5.1	4.4	4.7	4.9		22.0
24.0	4.7	4.2	3.6	3.0	4.5	3.8	3.2		4.2	3.5	3.8	4.0		24.0
26.0	3.9	3.4	2.8	2.3	3.8	3.0	2.5		3.4	2.8	3.1	3.2		26.0
28.0	3.3	2.8	2.2	1.6	3.1	2.4	1.8		2.7	2.1	2.4	2.5		28.0
30.0	2.7	2.2	1.6	1.1	2.6	1.9	1.3		2.2	1.6	1.9	2.0		30.0
32.0	2.2	1.8	1.2		2.1	1.4			1.7	1.1	1.4	1.5		32.0
34.0	1.8	1.4			1.7	1.0			1.3		1.0	1.1		34.0
36.0	1.4	1.0			1.3				0.9					36.0
38.0	1.1				1.0									38.0
40.0														40.0
42.0														42.0
44.0														44.0
46.0														46.0
48.0														48.0
50.0														50.0
52.0														52.0
54.0														54.0
56.0														56.0
58.0														58.0
60.0														60.0
62.0														62.0
Reeving	3								3					Reeving
Hook	60t													Hook
Telescoping mode I	1	1	2	3	1	2	3		2	3	3	4	I	Telescoping mode
II	2	3	3	3	3	3	3		3	3	3	4	II	
III	3	3	3	3	3	3	3		3	3	3	4	III	
IV	3	3	3	2	3	3	3		3	3	3	4	IV	
V	3	3	2	2	3	3	2		3	3	3	4	V	
VI	3	2	2	2	3	2	2		3	2	3	4	VI	

Table 96 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	70.0	38.0	60.0	65.0	67.5	70.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0	
3.5	62.5	36.0	55.0	62.5	62.5	62.5	26.0	39.5	59.5	62.0	62.0	62.0	3.5	
4.0	56.0	34.0	51.0	56.0	56.0	56.0	24.5	37.0	55.0	56.0	56.0	56.0	4.0	
4.5	51.0	32.0	47.0	51.0	51.0	51.0	23.0	34.5	50.5	50.5	50.5	50.5	4.5	
5.0	46.5	30.5	44.0	46.5	46.5	46.5	21.5	32.5	46.0	46.0	46.0	46.0	5.0	
6.0	39.5	28.0	39.0	39.5	39.5	39.5	19.5	29.0	39.0	39.0	39.0	39.0	6.0	
7.0	30.0	26.0	32.1	31.7	31.0	30.4	17.8	26.0	32.2	32.0	31.0	29.6	7.0	
8.0	23.5	24.0	25.5	25.0	24.4	23.8	16.3	23.6	26.1	25.3	24.4	23.1	8.0	
9.0	19.0	21.0	20.8	20.3	19.8	19.2	15.0	21.6	21.4	20.6	19.7	18.5	9.0	
10.0		17.6	17.3	16.9	16.4	15.8	14.0	18.5	17.9	17.2	16.3	15.1	10.0	
11.0		14.9	14.6	14.2	13.7	13.2	13.0	15.8	15.2	14.5	13.7	12.5	11.0	
12.0		12.8	12.5	12.1	11.6	11.1	12.2	13.7	13.1	12.4	11.6	10.5	12.0	
14.0							10.7	10.5	9.9	9.3	8.5	7.4	14.0	
16.0							8.5	8.2	7.7	7.1	6.3	5.2	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 97 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	62.0	62.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.0	56.0	56.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	51.0	51.0	51.0	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	46.0	46.0	46.0	16.0	21.5	24.0	39.5	47.0	47.0	5.0	
6.0	17.5	17.3	32.7	39.0	39.0	39.0	15.0	19.0	22.5	36.0	40.0	39.7	6.0	
7.0	15.8	15.6	29.7	32.8	31.9	30.0	13.5	17.5	20.5	32.8	32.8	31.0	7.0	
8.0	14.4	14.2	27.1	26.3	25.2	23.5	12.5	16.0	18.5	27.1	26.0	24.4	8.0	
9.0	13.2	13.0	22.3	21.5	20.5	19.0	11.5	14.5	17.0	22.3	21.3	19.7	9.0	
10.0	12.2	12.0	18.8	18.0	17.1	15.7	10.5	13.5	15.5	18.8	17.8	16.3	10.0	
11.0	11.3	11.2	16.1	15.3	14.4	13.1	9.8	12.5	14.5	16.1	15.1	13.7	11.0	
12.0	10.5	10.4	14.0	13.2	12.3	11.0	9.1	12.0	13.4	14.0	13.0	11.6	12.0	
14.0	9.3	9.1	10.8	10.0	9.2	7.9	8.0	10.6	11.0	10.8	9.8	8.5	14.0	
16.0	8.3	8.1	8.5	7.8	6.9	5.7	7.0	8.9	8.7	8.5	7.6	6.3	16.0	
18.0	7.2	7.0	6.8	6.1	5.3	4.1	6.3	7.2	7.0	6.8	5.9	4.7	18.0	
20.0	6.0	5.8	5.5	4.8	4.0	2.8	5.7	5.9	5.7	5.5	4.6	3.4	20.0	
22.0							5.1	4.9	4.7	4.5	3.6	2.4	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 98 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	52.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	47.0	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.5	39.5	17.5	22.0	22.0	26.0	33.0	39.0	6.0	
7.0	15.1	18.6	21.7	21.6	33.0	31.3	16.0	20.0	20.0	24.0	30.0	31.0	7.0	
8.0	13.8	16.8	19.7	19.7	26.8	25.2	14.6	18.0	18.0	22.0	26.3	26.0	8.0	
9.0	12.7	15.4	18.0	18.0	22.0	20.5	13.6	16.5	16.5	20.2	21.7	21.3	9.0	
10.0	11.7	14.2	16.6	16.6	18.5	17.0	12.6	15.4	15.0	18.6	18.2	17.8	10.0	
11.0	10.9	13.1	15.4	15.3	15.8	14.3	11.7	14.3	14.0	15.8	15.5	15.1	11.0	
12.0	10.2	12.1	14.2	13.9	13.6	12.2	10.8	13.2	13.0	13.7	13.4	13.0	12.0	
14.0	9.0	10.5	10.9	10.7	10.4	9.1	9.4	11.2	10.9	10.5	10.2	9.8	14.0	
16.0	8.0	9.0	8.7	8.5	8.2	6.9	8.3	8.9	8.6	8.2	8.0	7.6	16.0	
18.0	7.2	7.3	7.0	6.8	6.5	5.3	7.3	7.2	6.9	6.5	6.3	5.9	18.0	
20.0	6.4	6.0	5.7	5.5	5.2	4.0	6.4	5.9	5.6	5.2	5.0	4.6	20.0	
22.0	5.2	4.9	4.6	4.4	4.2	3.0	5.4	4.8	4.5	4.2	4.0	3.6	22.0	
24.0	4.4	4.1	3.8	3.6	3.4	2.2	4.5	4.0	3.7	3.4	3.2	2.8	24.0	
26.0	3.7	3.4	3.1	2.9	2.7	1.5	3.8	3.3	3.0	2.7	2.5	2.1	26.0	
28.0							3.2	2.7	2.4	2.1	1.9	1.5	28.0	
30.0							2.7	2.2	1.9	1.6	1.4	1.0	30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 99 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	36.0							6.0	
7.0	16.5	18.6	21.8	26.0	30.5	30.0		17.0	19.5	22.5	26.5	28.0	7.0	
8.0	15.5	16.9	20.0	24.0	25.0	24.5		15.5	18.0	21.0	24.5	24.0	8.0	
9.0	14.5	15.5	18.4	22.0	21.0	20.5		14.5	16.7	19.5	21.0	20.3	9.0	
10.0	13.6	14.3	17.0	18.0	17.5	17.4		13.5	15.5	18.0	17.5	17.0	10.0	
11.0	12.6	13.2	15.7	15.5	15.0	14.7		12.5	14.5	15.7	15.0	14.5	11.0	
12.0	11.8	12.3	13.9	13.5	13.0	12.6		11.6	13.5	13.7	13.0	12.4	12.0	
14.0	10.2	10.7	10.7	10.3	9.7	9.4		10.1	11.0	10.5	9.8	9.2	14.0	
16.0	9.0	8.9	8.4	8.1	7.5	7.2		8.9	8.7	8.2	7.6	7.0	16.0	
18.0	7.7	7.2	6.7	6.4	5.8	5.5		7.2	7.0	6.5	5.9	5.3	18.0	
20.0	6.4	5.9	5.4	5.1	4.5	4.2		6.1	5.6	5.2	4.6	4.1	20.0	
22.0	5.3	4.8	4.3	4.0	3.5	3.2		5.1	4.6	4.2	3.6	3.1	22.0	
24.0	4.4	4.0	3.5	3.2	2.7	2.4		4.3	3.8	3.4	2.8	2.3	24.0	
26.0	3.7	3.3	2.8	2.5	2.0	1.7		3.6	3.1	2.7	2.1	1.6	26.0	
28.0	3.1	2.7	2.2	1.9	1.4	1.1		3.0	2.5	2.1	1.5	1.0	28.0	
30.0	2.6	2.2	1.7	1.4	0.9			2.5	2.0	1.6	1.0		30.0	
32.0	2.1	1.7	1.3	1.0				2.0	1.5	1.1			32.0	
34.0	1.7	1.3	0.9					1.6	1.1				34.0	
36.0								1.3					36.0	
38.0								1.0					38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 100 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 19.3t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)													Working radius (m)
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0														5.0
6.0														6.0
7.0														7.0
8.0	17.0	19.0	22.0	23.0										8.0
9.0	15.5	18.0	20.7	20.0	15.0	17.0	18.0							9.0
10.0	14.5	16.7	17.5	17.3	15.0	16.0	16.5		14.0	15.0				10.0
11.0	13.6	15.6	15.0	14.7	14.5	15.0	14.5		13.5	14.5	12.0			11.0
12.0	12.8	14.0	13.0	12.6	13.5	13.0	12.5		13.0	12.5	12.0	9.2		12.0
14.0	11.2	10.7	10.0	9.4	11.0	10.0	9.5		10.5	10.0	10.0	9.1		14.0
16.0	9.0	8.4	7.8	7.2	8.7	8.0	7.4		8.4	7.7	8.0	8.0		16.0
18.0	7.3	6.7	6.1	5.5	7.0	6.3	5.7		6.7	6.0	6.3	6.3		18.0
20.0	6.0	5.4	4.8	4.2	5.8	5.1	4.4		5.4	4.7	5.1	5.1		20.0
22.0	4.9	4.4	3.8	3.2	4.7	4.0	3.4		4.3	3.7	4.1	4.1		22.0
24.0	4.0	3.6	3.0	2.4	3.9	3.2	2.6		3.5	2.9	3.3	3.3		24.0
26.0	3.3	2.9	2.3	1.7	3.2	2.5	1.9		2.8	2.2	2.6	2.6		26.0
28.0	2.7	2.3	1.7	1.1	2.6	1.9	1.3		2.2	1.6	2.0	2.0		28.0
30.0	2.2	1.8	1.2		2.1	1.4			1.7	1.1	1.4	1.5		30.0
32.0	1.8	1.4			1.7	1.0			1.3		1.0	1.0		32.0
34.0	1.4	1.0			1.3				0.9					34.0
36.0	1.1				0.9									36.0
38.0														38.0
40.0														40.0
42.0														42.0
44.0														44.0
46.0														46.0
48.0														48.0
50.0														50.0
52.0														52.0
54.0														54.0
56.0														56.0
58.0														58.0
60.0														60.0
62.0														62.0
Reeving	3								3					Reeving
Hook	60t													Hook
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 101 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight, over side or rear working area														
Working radius (m)		Boom length (m)												Working radius (m)
		12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★	
3.0		70.0	38.0	60.0	65.0	67.5	69.0	27.5	41.5	64.5	65.0	66.5	68.0	3.0
3.5		62.0	36.0	55.0	62.0	62.0	62.0	26.0	39.5	59.5	61.5	61.5	61.5	3.5
4.0		56.0	34.0	51.0	55.5	55.5	55.5	24.5	37.0	55.0	55.5	55.5	55.5	4.0
4.5		50.5	32.0	47.0	50.5	50.5	50.5	23.0	34.5	50.0	50.0	50.0	50.0	4.5
5.0		46.5	30.5	44.0	46.0	46.0	46.0	21.5	32.5	46.0	46.0	46.0	46.0	5.0
6.0		37.0	28.0	38.5	38.5	38.0	37.5	19.5	29.0	38.0	38.0	38.0	36.5	6.0
7.0		27.5	26.0	29.5	29.0	28.5	28.0	17.8	26.0	30.5	29.5	28.5	27.0	7.0
8.0		21.5	24.0	23.5	23.0	22.5	21.7	16.3	23.6	24.1	23.4	22.5	21.0	8.0
9.0		17.0	19.5	19.0	18.5	18.0	17.5	15.0	20.4	19.8	19.0	18.2	16.8	9.0
10.0			16.0	15.5	15.5	15.0	14.3	14.0	17.1	16.5	15.8	15.0	13.7	10.0
11.0			13.5	13.0	13.0	12.5	11.9	13.0	14.6	14.0	13.3	12.5	11.3	11.0
12.0			11.5	11.0	11.0	10.5	10.0	12.2	12.6	12.0	11.3	10.5	9.4	12.0
14.0								9.7	9.6	9.0	8.3	7.6	6.5	14.0
16.0								7.7	7.5	6.9	6.2	5.5	4.4	16.0
18.0														18.0
Reeving		10	9					8						Reeving
Hook		60t												Hook
Telescoping mode	Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ
	Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ
	Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ
	Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ
	Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ
	Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ

Table 102 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	61.0	62.0	62.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	56.0	56.0	56.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	50.5	50.5	50.5	17.0	22.5	25.5	41.0	50.0	50.0	4.5	
5.0	19.5	19.5	36.5	46.0	46.0	46.0	16.0	21.5	24.0	39.5	46.0	46.0	5.0	
6.0	17.5	17.3	32.7	38.0	38.0	37.0	15.0	19.0	22.5	36.0	38.2	37.0	6.0	
7.0	15.8	15.6	29.7	30.7	29.5	28.0	13.5	17.5	20.5	31.7	30.5	28.6	7.0	
8.0	14.4	14.2	25.3	24.4	23.2	21.8	12.5	16.0	18.5	25.2	24.2	22.6	8.0	
9.0	13.2	13.0	20.7	19.9	18.9	17.5	11.5	14.5	17.0	20.7	19.7	18.2	9.0	
10.0	12.2	12.0	17.4	16.6	15.7	14.3	10.5	13.5	15.5	17.4	16.4	15.0	10.0	
11.0	11.3	11.2	14.8	14.1	13.2	11.9	9.8	12.5	14.4	14.8	13.9	12.5	11.0	
12.0	10.5	10.4	12.8	12.1	11.2	9.9	9.1	11.7	13.0	12.8	11.9	10.6	12.0	
14.0	9.3	9.1	9.8	9.1	8.3	7.0	8.0	10.2	10.0	9.8	8.9	7.7	14.0	
16.0	8.2	8.0	7.7	7.0	6.2	5.0	7.0	8.1	7.9	7.7	6.8	5.6	16.0	
18.0	6.6	6.4	6.1	5.4	4.6	3.4	6.3	6.5	6.3	6.1	5.3	4.1	18.0	
20.0	5.4	5.2	4.9	4.2	3.4	2.2	5.6	5.3	5.1	4.9	4.0	2.8	20.0	
22.0							4.7	4.3	4.1	3.9	3.1	1.9	22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 103 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	51.5							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	47.0	19.0	24.0	24.0	29.0	36.5	42.5	5.0	
6.0	16.7	20.7	24.0	24.0	39.0	37.0	17.5	22.0	22.0	26.0	33.0	37.0	6.0	
7.0	15.1	18.6	21.7	21.6	31.0	29.0	16.0	20.0	20.0	24.0	30.0	29.5	7.0	
8.0	13.8	16.8	19.7	19.7	25.0	23.4	14.6	18.0	18.0	22.0	24.5	24.0	8.0	
9.0	12.7	15.4	18.0	18.0	20.5	19.0	13.6	16.5	16.5	20.2	20.0	19.5	9.0	
10.0	11.7	14.2	16.6	16.6	17.1	15.7	12.6	15.4	15.0	17.2	16.8	16.5	10.0	
11.0	10.9	13.1	15.0	14.9	14.6	13.3	11.7	14.3	14.0	14.6	14.3	14.0	11.0	
12.0	10.2	12.1	13.0	12.8	12.6	11.3	10.8	13.2	13.0	12.6	12.3	12.0	12.0	
14.0	9.0	10.5	10.0	9.8	9.6	8.3	9.4	10.3	10.0	9.6	9.3	9.0	14.0	
16.0	8.0	8.2	7.9	7.7	7.5	6.2	8.3	8.2	7.9	7.5	7.3	6.9	16.0	
18.0	7.0	6.6	6.3	6.1	5.9	4.7	7.0	6.6	6.3	5.9	5.7	5.3	18.0	
20.0	5.8	5.4	5.1	4.9	4.7	3.5	5.8	5.4	5.1	4.7	4.5	4.1	20.0	
22.0	4.8	4.4	4.1	3.9	3.7	2.5	4.8	4.4	4.1	3.7	3.5	3.1	22.0	
24.0	4.0	3.6	3.3	3.1	2.9	1.7	4.0	3.5	3.2	2.9	2.7	2.3	24.0	
26.0	3.3	3.0	2.6	2.4	2.2	1.1	3.4	2.9	2.6	2.3	2.1	1.7	26.0	
28.0							2.8	2.3	2.0	1.7	1.5	1.1	28.0	
30.0							2.3	1.9	1.6	1.2	1.0		30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode I	1	1	1	1	1	2	1	1	1	1	1	2	I	Telescoping mode
Telescoping mode II	1	1	1	1	2	2	1	1	1	2	3	2	II	Telescoping mode
Telescoping mode III	1	1	2	3	2	2	1	2	3	3	2	2	III	Telescoping mode
Telescoping mode IV	2	3	3	2	2	2	3	3	3	2	2	2	IV	Telescoping mode
Telescoping mode V	3	3	2	2	2	2	3	3	2	2	2	2	V	Telescoping mode
Telescoping mode VI	3	2	2	2	2	1	3	2	2	2	2	2	VI	Telescoping mode

Table 104 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	34.5	35.0							6.0	
7.0	16.5	18.6	21.8	26.0	28.5	28.0		17.0	19.5	22.5	26.5	27.0	7.0	
8.0	15.5	16.9	20.0	23.7	23.5	23.0		15.5	18.0	21.0	23.0	22.5	8.0	
9.0	14.5	15.5	18.4	20.3	19.5	19.0		14.5	16.7	19.5	19.5	19.0	9.0	
10.0	13.6	14.3	17.0	17.0	16.3	16.0		13.5	15.5	17.0	16.5	16.0	10.0	
11.0	12.6	13.2	14.7	14.5	13.8	13.5		12.5	14.5	14.5	14.0	13.5	11.0	
12.0	11.8	12.3	12.8	12.5	11.8	11.5		11.6	13.0	12.5	12.0	11.5	12.0	
14.0	10.2	10.3	9.7	9.4	8.9	8.5		10.1	10.1	9.6	9.0	8.5	14.0	
16.0	8.6	8.1	7.6	7.3	6.8	6.4		8.5	8.0	7.5	6.9	6.4	16.0	
18.0	7.0	6.5	6.0	5.7	5.2	4.8		6.9	6.4	5.9	5.3	4.8	18.0	
20.0	5.8	5.3	4.8	4.5	4.0	3.6		5.6	5.1	4.7	4.1	3.6	20.0	
22.0	4.8	4.3	3.8	3.5	3.0	2.6		4.6	4.1	3.7	3.1	2.6	22.0	
24.0	4.0	3.5	3.0	2.7	2.2	1.8		3.8	3.3	2.9	2.3	1.8	24.0	
26.0	3.3	2.9	2.4	2.1	1.6	1.2		3.2	2.7	2.2	1.6	1.2	26.0	
28.0	2.7	2.3	1.8	1.5	1.0			2.6	2.1	1.7	1.1		28.0	
30.0	2.2	1.8	1.3	1.0				2.1	1.6	1.2			30.0	
32.0	1.8	1.4	0.9					1.7	1.2				32.0	
34.0	1.4	1.0						1.3					34.0	
36.0								1.0					36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 105 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 16.8t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	22.0	22.0									8.0	
9.0	15.5	18.0	19.5	18.5	15.0	17.0	17.5						9.0	
10.0	14.5	16.7	16.5	16.0	15.0	16.0	15.5		14.0	14.0			10.0	
11.0	13.6	15.0	14.0	13.5	14.5	14.0	13.5		13.5	12.5	12.0		11.0	
12.0	12.8	13.0	12.0	11.5	13.0	12.5	11.5		12.5	11.5	12.0	9.2	12.0	
14.0	10.5	10.0	9.2	8.5	10.0	9.5	8.7		9.5	9.0	9.5	9.0	14.0	
16.0	8.3	7.8	7.9	6.5	8.0	7.4	6.8		7.5	7.0	7.5	7.5	16.0	
18.0	6.7	6.2	5.5	4.9	6.5	5.8	5.2		6.1	5.4	5.9	6.0	18.0	
20.0	5.5	5.0	4.3	3.7	5.2	4.6	4.0		4.9	4.2	4.6	4.7	20.0	
22.0	4.5	4.0	3.3	2.7	4.2	3.6	3.0		3.9	3.2	3.6	3.7	22.0	
24.0	3.7	3.2	2.5	1.9	3.4	2.8	2.2		3.1	2.4	2.8	2.9	24.0	
26.0	3.0	2.5	1.8	1.3	2.7	2.1	1.5		2.4	1.7	2.1	2.2	26.0	
28.0	2.4	1.9	1.3		2.2	1.6	0.9		1.9	1.2	1.6	1.6	28.0	
30.0	1.9	1.4			1.7	1.1			1.4		1.1	1.1	30.0	
32.0	1.5	1.0			1.3				1.0				32.0	
34.0	1.1				1.0								34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 106 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	66.5	38.0	60.0	65.0	66.0	66.0	27.5	41.5	64.5	65.0	65.0	65.0	3.0	
3.5	58.0	36.0	55.0	58.0	58.0	58.0	26.0	39.5	58.0	58.0	58.0	58.0	3.5	
4.0	52.0	34.0	51.0	52.0	52.0	52.0	24.5	37.0	52.0	52.0	52.0	52.0	4.0	
4.5	47.5	32.0	47.0	47.5	47.5	47.5	23.0	34.5	47.0	47.0	47.0	47.0	4.5	
5.0	43.0	30.5	43.0	43.0	43.0	43.0	21.5	32.5	42.0	42.0	42.0	40.0	5.0	
6.0	29.5	28.0	31.5	30.5	30.0	29.5	19.5	28.9	32.0	31.0	30.0	28.5	6.0	
7.0	21.5	24.0	23.5	22.5	22.0	21.5	17.8	25.3	24.0	23.0	22.0	21.0	7.0	
8.0	16.5	18.5	18.0	17.5	17.0	16.5	16.3	20.0	19.0	18.0	17.0	16.0	8.0	
9.0	13.0	15.0	14.5	14.0	13.5	13.0	15.0	16.2	15.0	14.5	13.7	12.5	9.0	
10.0		12.0	12.0	11.5	11.0	10.5	13.7	13.4	12.5	12.0	11.2	10.0	10.0	
11.0		10.0	10.0	9.5	9.0	8.5	11.6	11.4	10.5	10.0	9.2	8.0	11.0	
12.0		8.5	8.5	8.0	7.5	7.0	9.9	9.7	9.0	8.4	7.6	6.4	12.0	
14.0							7.4	7.2	6.6	6.0	5.2	4.1	14.0	
16.0							5.6	5.4	4.9	4.3	3.5	2.4	16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 107 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	65.0	65.0	65.0							3.0	
3.5	23.5	23.5	42.0	58.0	58.0	58.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	52.0	52.0	52.0	18.0	24.0	27.0	42.5	50.0	50.0	4.0	
4.5	20.5	20.5	38.5	47.5	47.5	47.5	17.0	22.5	25.5	41.0	48.0	47.0	4.5	
5.0	19.5	19.5	36.5	43.5	41.5	40.0	16.0	21.5	24.0	39.5	41.5	39.0	5.0	
6.0	17.5	17.3	32.7	32.0	30.5	29.0	15.0	19.0	22.5	32.5	30.5	28.5	6.0	
7.0	15.8	15.6	25.5	24.5	23.0	21.5	13.5	17.5	20.5	25.5	23.5	22.0	7.0	
8.0	14.4	14.2	20.0	19.2	18.0	16.5	12.5	16.0	18.5	20.0	18.5	17.0	8.0	
9.0	13.2	13.0	16.2	15.5	14.5	13.0	11.5	14.5	16.8	16.5	15.0	13.5	9.0	
10.0	12.2	12.0	13.5	12.8	11.8	10.5	10.5	13.5	14.0	13.5	12.5	11.0	10.0	
11.0	11.3	11.1	11.5	10.7	9.8	8.5	9.8	12.0	11.8	11.5	10.5	9.2	11.0	
12.0	10.4	10.2	9.9	9.1	8.2	7.0	9.1	10.4	10.1	9.9	8.9	7.6	12.0	
14.0	7.9	7.7	7.4	6.6	5.8	4.6	7.9	7.8	7.6	7.4	6.4	5.2	14.0	
16.0	6.1	5.9	5.6	4.9	4.1	2.9	6.4	6.0	5.8	5.6	4.7	3.5	16.0	
18.0	4.8	4.6	4.3	3.6	2.8	1.6	5.1	4.7	4.5	4.3	3.4	2.2	18.0	
20.0	3.8	3.6	3.3	2.6	1.8		4.1	3.7	3.5	3.3	2.4	1.2	20.0	
22.0							3.3	2.9	2.7	2.5	1.6		22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 108 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	52.0							4.0	
4.5	19.5	24.0	28.0	28.0	43.5	47.0							4.5	
5.0	18.5	22.5	26.5	27.0	42.0	39.5	19.0	24.0	24.0	29.0	36.5	40.0	5.0	
6.0	16.7	20.7	24.0	24.0	31.0	29.5	17.5	22.0	22.0	26.0	30.5	30.0	6.0	
7.0	15.1	18.6	21.7	21.6	24.5	23.0	16.0	20.0	20.0	24.0	24.0	23.5	7.0	
8.0	13.8	16.8	19.6	19.6	19.5	18.3	14.6	18.0	18.0	20.0	19.5	19.0	8.0	
9.0	12.7	15.4	16.8	16.5	15.7	14.7	13.6	16.5	16.4	16.3	15.8	15.3	9.0	
10.0	11.7	14.1	14.0	13.7	13.0	12.0	12.6	14.4	14.0	13.5	13.0	12.5	10.0	
11.0	10.9	12.3	11.8	11.6	11.0	10.0	11.7	12.2	11.7	11.2	11.0	10.5	11.0	
12.0	10.1	10.6	10.1	9.9	9.5	8.3	10.8	10.5	10.0	9.5	9.4	9.0	12.0	
14.0	8.3	8.0	7.6	7.4	7.0	5.9	8.4	7.8	7.5	7.0	6.9	6.5	14.0	
16.0	6.5	6.2	5.8	5.6	5.3	4.2	6.6	6.0	5.7	5.3	5.2	4.8	16.0	
18.0	5.2	4.8	4.5	4.3	4.0	2.9	5.3	4.7	4.4	4.0	3.9	3.5	18.0	
20.0	4.1	3.8	3.5	3.3	3.0	1.9	4.2	3.7	3.4	3.0	2.9	2.5	20.0	
22.0	3.3	3.0	2.7	2.5	2.2	1.1	3.4	2.9	2.6	2.2.	2.0	1.7	22.0	
24.0	2.7	2.4	2.0	1.8	1.5		2.8	2.3	2.0	1.6	1.3	1.0	24.0	
26.0	2.1	1.8	1.4	1.2	1.0		2.2	1.7	1.4	1.0			26.0	
28.0							1.7	1.2	0.9				28.0	
30.0							1.3						30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 109 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	28.0	28.5	28.0							6.0	
7.0	16.5	18.6	21.8	23.5	22.5	22.0		17.0	19.5	22.5	22.0	21.5	7.0	
8.0	15.5	16.9	20.0	19.0	18.5	18.0		15.5	18.0	19.0	18.0	17.5	8.0	
9.0	14.5	15.5	16.6	15.7	15.2	14.7		14.5	16.5	15.5	15.0	14.5	9.0	
10.0	13.6	14.2	13.8	13.0	12.5	12.0		13.5	14.0	13.0	12.5	12.0	10.0	
11.0	12.6	12.2	11.6	11.0	10.5	10.0		12.5	12.0	11.0	10.5	10.0	11.0	
12.0	10.9	10.5	9.9	9.5	8.8	8.5		10.8	10.0	9.5	9.0	8.5	12.0	
14.0	8.3	7.9	7.3	7.0	6.3	6.0		8.2	7.6	7.2	6.5	6.0	14.0	
16.0	6.5	6.0	5.5	5.2	4.6	4.3		6.4	5.8	5.4	4.7	4.3	16.0	
18.0	5.2	4.7	4.2	3.9	3.3	3.0		5.0	4.5	4.1	3.4	3.0	18.0	
20.0	4.1	3.7	3.2	2.9	2.3	2.0		4.0	3.5	3.1	2.4	2.0	20.0	
22.0	3.3	2.9	2.4	2.1	1.5	1.2		3.2	2.6	2.2	1.6	1.2	22.0	
24.0	2.6	2.2	1.7	1.4	0.9			2.6	2.0	1.6	1.0		24.0	
26.0	2.1	1.7	1.2	0.9				2.0	1.4	1.0			26.0	
28.0	1.6	1.2						1.5	1.0				28.0	
30.0	1.2							1.1					30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 110 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 10.1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0													5.0	
6.0													6.0	
7.0													7.0	
8.0	17.0	19.0	18.5	17.5									8.0	
9.0	15.5	16.0	15.5	14.5	15.0	15.0	14.5						9.0	
10.0	14.5	13.5	13.0	12.0	14.0	13.0	12.5		13.0	12.5			10.0	
11.0	12.0	11.5	10.8	10.2	12.0	11.0	10.5		11.4	10.7	11.0		11.0	
12.0	10.5	10.0	9.2	8.6	10.2	9.5	8.9		9.9	9.2	9.5	9.2	12.0	
14.0	8.0	7.4	6.7	6.1	7.8	7.0	6.4		7.3	6.7	7.0	7.0	14.0	
16.0	6.2	5.6	4.9	4.4	6.0	5.2	4.6		5.6	4.9	5.3	5.3	16.0	
18.0	4.9	4.3	3.6	3.1	4.7	3.9	3.3		4.3	3.6	4.0	4.0	18.0	
20.0	3.8	3.3	2.6	2.1	3.7	2.9	2.3		3.3	2.6	3.0	3.0	20.0	
22.0	3.0	2.5	1.8	1.3	2.9	2.1	1.5		2.5	1.8	2.1	2.2	22.0	
24.0	2.3	1.8	1.2		2.2	1.4			1.8	1.1	1.4	1.5	24.0	
26.0	1.8	1.3			1.6	0.9			1.2		0.9	0.9	26.0	
28.0	1.3				1.1								28.0	
30.0	0.9												30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
Reeving	3								3				Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	2	3	1	2	3		2	3	3	4	Ⅰ	Telescoping mode
Ⅱ	2	3	3	3	3	3	3		3	3	3	4	Ⅱ	
Ⅲ	3	3	3	3	3	3	3		3	3	3	4	Ⅲ	
Ⅳ	3	3	3	2	3	3	3		3	3	3	4	Ⅳ	
Ⅴ	3	3	2	2	3	3	2		3	3	3	4	Ⅴ	
Ⅵ	3	2	2	2	3	2	2		3	2	3	4	Ⅵ	

Table 111 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	64.0	38.0	60.0	64.0	64.0	64.0	27.5	41.5	63.0	63.0	63.0	63.0	3.0	
3.5	56.0	36.0	55.0	56.0	56.0	56.0	26.0	39.5	56.0	56.0	56.0	56.0	3.5	
4.0	50.0	34.0	50.0	50.0	50.0	50.0	24.5	37.0	50.0	50.0	50.0	48.5	4.0	
4.5	42.0	32.0	43.0	42.5	41.5	40.5	23.0	34.5	42.5	41.5	40.0	38.0	4.5	
5.0	32.5	30.5	35.0	34.5	34.0	33.0	21.5	32.4	35.0	34.2	33.0	31.0	5.0	
6.0	21.5	24.5	24.0	23.5	23.0	22.0	19.5	26.0	25.0	24.2	23.0	21.5	6.0	
7.0	15.5	18.0	17.5	17.0	16.5	16.0	17.7	19.3	18.6	17.8	16.7	15.3	7.0	
8.0	11.5	14.0	13.5	13.0	12.5	12.0	15.5	15.0	14.4	13.7	12.6	11.3	8.0	
9.0	9.0	11.0	10.5	10.0	9.5	9.0	12.5	12.0	11.4	10.7	9.8	8.5	9.0	
10.0		9.0	8.5	8.0	7.5	7.0	10.2	9.8	9.2	8.6	7.7	6.5	10.0	
11.0		7.0	7.0	6.5	6.0	5.5	8.5	8.1	7.5	6.9	6.1	4.9	11.0	
12.0		5.5	5.5	5.0	4.5	4.0	7.1	6.8	6.2	5.6	4.8	3.6	12.0	
14.0							5.1	4.8	4.2	3.6	2.9	1.7	14.0	
16.0							3.6	3.4	2.8	2.2	1.5		16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 112 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	63.0	63.0	63.0							3.0	
3.5	23.5	23.5	42.0	56.0	56.0	56.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	51.0	50.0	47.5	18.0	24.0	27.0	42.5	48.5	46.5	4.0	
4.5	20.5	20.5	38.5	41.5	40.0	37.9	17.0	22.5	25.5	41.0	39.5	37.5	4.5	
5.0	19.5	19.5	35.7	34.3	33.0	31.0	16.0	21.5	24.0	34.6	33.0	31.0	5.0	
6.0	17.5	17.3	26.1	25.0	23.8	22.0	15.0	19.0	22.5	25.7	24.0	22.3	6.0	
7.0	15.8	15.6	19.7	18.8	17.6	16.0	13.5	17.5	20.1	19.9	18.5	16.9	7.0	
8.0	14.4	14.2	15.4	14.5	13.5	12.0	12.5	16.0	15.7	15.5	14.2	12.8	8.0	
9.0	13.1	12.8	12.4	11.6	10.6	9.1	11.5	13.0	12.7	12.5	11.3	9.9	9.0	
10.0	10.8	10.6	10.2	9.4	8.5	7.1	10.5	10.7	10.4	10.2	9.2	7.8	10.0	
11.0	9.1	8.9	8.5	7.7	6.8	5.5	9.5	9.0	8.7	8.5	7.5	6.1	11.0	
12.0	7.7	7.5	7.2	6.4	5.4	4.2	8.1	7.6	7.3	7.1	6.2	4.8	12.0	
14.0	5.6	5.4	5.1	4.4	3.5	2.3	6.0	5.5	5.3	5.1	4.2	2.9	14.0	
16.0	4.2	4.0	3.7	3.0	2.1	0.9	4.5	4.1	3.9	3.7	2.8	1.5	16.0	
18.0	3.1	2.9	2.6	1.9	1.1		3.4	3.0	2.8	2.6	1.7		18.0	
20.0							2.6	2.2	2.0	1.8	0.9		20.0	
22.0							1.9	1.5	1.3	1.1			22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 113 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0													3.0	
3.5													3.5	
4.0	20.5	25.0	30.0	30.0	45.0	45.5							4.0	
4.5	19.5	24.0	28.0	28.0	39.0	37.0							4.5	
5.0	18.5	22.5	26.5	27.0	33.0	31.0	19.0	24.0	24.0	29.0	31.5	31.0	5.0	
6.0	16.7	20.7	24.0	24.0	24.5	22.8	17.5	22.0	22.0	24.0	23.5	23.0	6.0	
7.0	15.1	18.5	20.0	19.6	19.0	17.5	16.0	20.0	19.5	18.7	18.5	18.0	7.0	
8.0	13.8	16.4	15.9	15.6	15.1	13.6	14.6	16.3	15.8	15.0	14.8	14.3	8.0	
9.0	12.6	13.3	12.8	12.5	12.1	10.7	13.6	13.2	12.8	12.1	11.9	11.4	9.0	
10.0	11.4	11.0	10.5	10.2	9.9	8.5	11.5	10.9	10.5	9.9	9.6	9.2	10.0	
11.0	9.6	9.2	8.8	8.5	8.2	6.8	9.7	9.1	8.7	8.2	8.0	7.5	11.0	
12.0	8.2	7.8	7.4	7.1	6.9	5.5	8.3	7.7	7.3	6.8	6.6	6.2	12.0	
14.0	6.1	5.7	5.3	5.0	4.8	3.5	6.2	5.6	5.2	4.8	4.6	4.2	14.0	
16.0	4.6	4.3	3.9	3.6	3.4	2.1	4.7	4.2	3.8	3.4	3.2	2.8	16.0	
18.0	3.5	3.2	2.8	2.5	2.3	1.1	3.6	3.1	2.7	2.3	2.1	1.7	18.0	
20.0	2.6	2.3	2.0	1.7	1.5		2.7	2.3	1.9	1.5	1.3	0.9	20.0	
22.0	1.9	1.6	1.3	1.1.			2.0	1.6	1.2	0.9			22.0	
24.0	1.4	1.1					1.5	1.0					24.0	
26.0	0.9						1.0						26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
Reeving	7						5						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	
Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	
Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	

Table 114 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	24.0	23.5	22.5	22.0							6.0	
7.0	16.5	18.6	19.0	18.3	17.5	17.0		17.0	19.0	18.0	17.5	16.7	7.0	
8.0	15.5	15.9	15.3	14.8	14.0	13.6		15.5	15.5	14.5	14.0	13.3	8.0	
9.0	13.6	13.1	12.5	12.0	11.3	10.9		13.5	12.8	12.0	11.5	10.8	9.0	
10.0	11.4	10.8	10.2	9.8	9.1	8.7		11.2	10.6	10.0	9.3	8.7	10.0	
11.0	9.6	9.0	8.4	8.0	7.4	7.0		9.5	8.9	8.3	7.6	7.0	11.0	
12.0	8.2	7.6	7.0	6.7	6.1	5.7		8.1	7.5	6.9	6.2	5.7	12.0	
14.0	6.1	5.6	5.0	4.7	4.1	3.7		6.0	5.4	4.9	4.2	3.7	14.0	
16.0	4.6	4.1	3.6	3.3	2.7	2.3		4.5	3.9	3.4	2.8	2.3	16.0	
18.0	3.5	3.0	2.5	2.2	1.7	1.3		3.4	2.8	2.3	1.7	1.3	18.0	
20.0	2.6	2.2	1.7	1.4	0.9			2.6	2.0	1.5	0.9		20.0	
22.0	1.9	1.5	1.0					1.9	1.3	0.9			22.0	
24.0	1.4	1.0						1.3					24.0	
26.0	0.9												26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 115 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 3.7t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)													Working radius (m)
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0														5.0
6.0														6.0
7.0														7.0
8.0	15.5	15.0	14.0	13.3										8.0
9.0	13.0	12.5	11.5	10.8	12.5	11.8	11.0							9.0
10.0	11.0	10.5	9.5	8.8	10.5	9.8	9.0		10.0	9.2				10.0
11.0	9.3	8.7	7.8	7.1	9.0	8.2	7.4		8.6	7.8	8.2			11.0
12.0	7.9	7.3	6.5	5.8	7.6	6.8	6.1		7.3	6.5	6.9	7.0		12.0
14.0	5.8	5.2	4.5	3.8	5.5	4.8	4.1		5.2	4.4	4.8	4.9		14.0
16.0	4.3	3.7	3.0	2.3	4.1	3.3	2.7		3.7	3.0	3.3	3.4		16.0
18.0	3.2	2.6	1.9	1.3	3.0	2.2	1.6		2.6	1.9	2.2	2.3		18.0
20.0	2.4	1.8	1.1		2.1	1.4			1.7	1.1	1.4	1.4		20.0
22.0	1.6	1.1			1.4				1.1					22.0
24.0	1.1													24.0
26.0														26.0
28.0														28.0
30.0														30.0
32.0														32.0
34.0														34.0
36.0														36.0
38.0														38.0
40.0														40.0
42.0														42.0
44.0														44.0
46.0														46.0
48.0														48.0
50.0														50.0
52.0														52.0
54.0														54.0
56.0														56.0
58.0														58.0
60.0														60.0
62.0														62.0
Reeving	3								3					Reeving
Hook	60t													Hook
Telescoping mode I	1	1	2	3	1	2	3		2	3	3	4	I	Telescoping mode
II	2	3	3	3	3	3	3		3	3	3	4	II	
III	3	3	3	3	3	3	3		3	3	3	4	III	
IV	3	3	3	2	3	3	3		3	3	3	4	IV	
V	3	3	2	2	3	3	2		3	3	3	4	V	
VI	3	2	2	2	3	2	2		3	2	3	4	VI	

Table 116 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	12.5 ★	16.5	16.5	16.5	16.5	16.5 ★	20.5	20.5	20.5	20.5	20.5	20.5 ★		
3.0	61.0	38.0	60.0	61.0	61.0	61.0	27.5	41.5	60.0	60.0	60.0	60.0	3.0	
3.5	54.0	36.0	54.0	54.0	54.0	54.0	26.0	39.5	53.0	53.0	53.0	53.0	3.5	
4.0	48.0	34.0	48.0	47.0	46.5	46.0	24.5	37.0	47.5	46.0	45.0	42.7	4.0	
4.5	37.0	32.0	38.0	37.0	36.5	36.0	23.0	34.5	38.0	36.5	35.5	33.5	4.5	
5.0	28.5	30.5	31.0	30.0	29.5	29.0	21.5	32.4	31.0	30.0	29.0	27.0	5.0	
6.0	18.5	21.5	21.0	20.0	19.5	19.0	19.5	23.0	22.1	21.2	20.2	18.5	6.0	
7.0	13.0	15.5	15.0	14.5	14.0	13.5	17.5	17.0	16.2	15.4	14.5	13.0	7.0	
8.0	9.5	11.5	11.5	11.0	10.5	10.0	13.5	13.1	12.5	11.6	10.8	9.4	8.0	
9.0	7.0	9.0	9.0	8.5	8.0	7.5	10.8	10.4	9.8	9.0	8.2	6.9	9.0	
10.0		7.0	7.0	6.5	6.0	5.5	8.8	8.4	7.8	7.1	6.3	5.0	10.0	
11.0		5.5	5.5	5.0	4.5	4.0	7.2	6.9	6.3	5.6	4.8	3.6	11.0	
12.0		4.5	4.5	4.0	3.5	3.0	6.0	5.7.	5.1	4.4	3.6	2.4	12.0	
14.0							4.1	3.9	3.3	2.7	1.9		14.0	
16.0							2.8	2.6	2.0	1.4			16.0	
18.0													18.0	
Reeving	10	9					8						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	1	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	1	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	1	2	1	1	1	1	2	2	1	Ⅲ	
Ⅳ	1	1	1	2	1	1	1	1	2	2	1	1	Ⅳ	
Ⅴ	1	1	2	1	1	1	1	2	2	1	1	1	Ⅴ	
Ⅵ	1	2	1	1	1	1	3	2	1	1	1	1	Ⅵ	

Table 117 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	24.5	24.5	24.5	24.5	24.5	24.5 ★	28.5	28.5	28.5	28.5	28.5	28.5 ★		
3.0	25.0	25.0	44.0	61.0	61.0	61.0							3.0	
3.5	23.5	23.5	42.0	54.0	54.0	54.0	19.0	25.5	29.0	44.0	50.0	50.0	3.5	
4.0	22.0	22.0	40.5	45.7	44.0	41.6	18.0	24.0	27.0	42.5	42.3	41.0	4.0	
4.5	20.5	20.5	38.5	36.6	35.2	33.0	17.0	22.5	25.5	36.8	34.9	32.9	4.5	
5.0	19.5	19.5	31.8	30.3	29.0	26.8	16.0	21.5	24.0	30.8	29.0	27.0	5.0	
6.0	17.5	17.3	23.2	22.0	20.8	19.0	15.0	19.0	22.5	22.6	21.2	19.5	6.0	
7.0	15.8	15.6	17.2	16.4	15.2	13.6	13.5	17.5	17.8	17.4	16.2	14.5	7.0	
8.0	14.2	13.8	13.5	12.6	11.5	10.0	12.5	14.1	13.8	13.4	12.3	10.8	8.0	
9.0	11.3	11.0	10.8	9.9	8.9	7.5	11.4	11.3	11.0	10.6	9.7	8.2	9.0	
10.0	9.3	9.0	8.8	7.9	7.0	5.6	9.7	9.3	9.0	8.6	7.7	6.3	10.0	
11.0	7.7	7.5	7.2	6.4	5.5	4.2	8.1	7.7	7.5	7.1	6.2	4.8	11.0	
12.0	6.5	6.3	6.0	5.2	4.3	3.0	6.9	6.4	6.2	5.9	5.0	3.7	12.0	
14.0	4.6	4.4	4.2	3.4	2.5	1.3	5.0	4.6	4.4	4.1	3.2	1.9	14.0	
16.0	3.3	3.1	2.9	2.1	1.3		3.7	3.3	3.1	2.8	1.9		16.0	
18.0	2.3	2.1	1.9	1.2			2.7	2.3	2.1	1.8	1.0		18.0	
20.0							1.9	1.5	1.4	1.1			20.0	
22.0							1.3	0.9					22.0	
24.0													24.0	
26.0													26.0	
Reeving	8						6						Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Ⅱ	1	1	1	1	2	2	1	1	1	1	2	2	Ⅱ	
Ⅲ	1	1	1	2	2	2	1	1	1	2	2	2	Ⅲ	
Ⅳ	1	1	2	2	2	1	1	2	3	2	2	2	Ⅳ	
Ⅴ	2	3	2	2	1	1	3	3	2	2	2	1	Ⅴ	
Ⅵ	3	2	2	1	1	1	3	2	2	2	1	1	Ⅵ	

Table 118 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)													Working radius (m)
	32.5	32.5	32.5	32.5	32.5	32.5 ★	36.5	36.5	36.5	36.5	36.5	36.5 ★		
3.0														3.0
3.5														3.5
4.0	20.5	25.0	30.0	30.0	43.0	40.5								4.0
4.5	19.5	24.0	28.0	28.0	35.0	32.7								4.5
5.0	18.5	22.5	26.5	26.5	29.2	27.2	19.0	24.0	24.0	28.5	28.0	27.5		5.0
6.0	16.7	20.4	22.3	22.0	21.6	19.8	17.5	21.9	22.0	21.3	20.9	20.4		6.0
7.0	15.1	18.0	17.4	17.1	16.7	15.1	16.0	17.6	17.2	16.5	16.1	15.6		7.0
8.0	13.7	14.3	13.8	13.5	13.1	11.6	14.6	14.2	13.8	13.2	12.8	12.3		8.0
9.0	11.9	11.5	11.0	10.7	10.4	9.0	12.0	11.4	11.0	10.5	10.1	9.7		9.0
10.0	9.8	9.4	9.0	8.7	8.4	7.1	9.9	9.4	9.0	8.5	8.1	7.7		10.0
11.0	8.2	7.8	7.4	7.2	6.9	5.6	8.3	7.8	7.4	7.0	6.6	6.2		11.0
12.0	6.9	6.6	6.2	6.0	5.7	4.4	7.0	6.5	6.1	5.7	5.4	5.0		12.0
14.0	5.0	4.7	4.3	4.1	3.9	2.6	5.1	4.6	4.3	3.9	3.6	3.2		14.0
16.0	3.7	3.4	3.0	2.8	2.6	1.4	3.8	3.3	3.0	3.6	2.3	1.9		16.0
18.0	2.7	2.4	2.0	1.8	1.6		2.8	2.3	2.0	1.6	1.4	1.0		18.0
20.0	2.0	1.7	1.3	1.1	0.9		2.0	1.6	1.3	0.9				20.0
22.0	1.4	1.1					1.4	1.0						22.0
24.0	0.9						0.9							24.0
26.0														26.0
28.0														28.0
30.0														30.0
32.0														32.0
34.0														34.0
Reeving	7						5							Reeving
Hook	60t													Hook
Telescoping mode Ⅰ	1	1	1	1	1	2	1	1	1	1	1	2	Ⅰ	Telescoping mode
Telescoping mode Ⅱ	1	1	1	1	2	2	1	1	1	2	3	2	Ⅱ	Telescoping mode
Telescoping mode Ⅲ	1	1	2	3	2	2	1	2	3	3	2	2	Ⅲ	Telescoping mode
Telescoping mode Ⅳ	2	3	3	2	2	2	3	3	3	2	2	2	Ⅳ	Telescoping mode
Telescoping mode Ⅴ	3	3	2	2	2	2	3	3	2	2	2	2	Ⅴ	Telescoping mode
Telescoping mode Ⅵ	3	2	2	2	2	1	3	2	2	2	2	2	Ⅵ	Telescoping mode

Table 119 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)												Working radius (m)	
	40.5	40.5	40.5	40.5	40.5	40.5 ★		44.5	44.5	44.5	44.5	44.5 ★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0	18.0	20.5	21.0	20.5	19.7	19.3							6.0	
7.0	16.5	17.2	16.5	16.0	15.2	14.8		17.0	16.7	16.0	15.0	14.5	7.0	
8.0	14.4	13.9	13.2	12.7	12.0	11.6		14.2	13.5	12.8	12.0	11.4	8.0	
9.0	11.9	11.4	10.7	10.2	9.6	9.2		11.8	11.1	10.5	9.7	9.1	9.0	
10.0	9.8	9.3	8.7	8.2	7.6	7.2		9.8	9.1	8.5	7.7	7.2	10.0	
11.0	8.2	7.7	7.1	6.7	6.1	5.7		8.2	7.5	7.0	6.2	5.7	11.0	
12.0	6.9	6.5	5.9	5.5	4.9	4.5		6.9	6.2	5.7	5.0	4.5	12.0	
14.0	5.0	4.6	4.1	3.7	3.1	2.7		5.0	4.4	3.9	3.2	2.7	14.0	
16.0	3.7	3.3	2.8	2.4	1.8	1.5		3.7	3.1	2.6	1.9	1.4	16.0	
18.0	2.7	2.3	1.8	1.4	0.9			2.7	2.1	1.6	1.0		18.0	
20.0	1.9	1.5	1.0					1.9	1.3	0.9			20.0	
22.0	1.3	0.9						1.3					22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
Reeving	5							4					Reeving	
Hook	60t												Hook	
Telescoping mode Ⅰ	1	1	1	1	2	3		1	1	1	2	3	Ⅰ	Telescoping mode
Ⅱ	1	1	2	3	3	2		1	2	3	3	3	Ⅱ	
Ⅲ	2	3	3	3	2	2		3	3	3	3	2	Ⅲ	
Ⅳ	3	3	3	2	2	2		3	3	3	2	2	Ⅳ	
Ⅴ	3	3	2	2	2	2		3	3	2	2	2	Ⅴ	
Ⅵ	3	2	2	2	2	2		3	2	2	2	2	Ⅵ	

Table 120 Rated capacity chart with boom only

Unit: t

Outriggers intermediately extended to 4.7m, 1t counterweight, over side or rear working area														
Working radius (m)	Boom length (m)													Working radius (m)
	48.5	48.5	48.5	48.5 ★	52.5	52.5	52.5 ★		56.5	56.5 ★	60.5 ★	66.0 ★		
5.0														5.0
6.0														6.0
7.0														7.0
8.0	13.5	13.0	12.0	11.3										8.0
9.0	11.3	10.7	9.8	9.1	11.0	10.0	9.2							9.0
10.0	9.5	8.9	8.0	7.3	9.2	8.3	7.5		8.6	7.8				10.0
11.0	7.9	7.3	6.4	5.8	7.7	6.9	6.1		7.2	6.4	6.8			11.0
12.0	6.6	6.1	5.2	4.6	6.4	5.7	4.9		6.0	5.2	5.7	5.7		12.0
14.0	4.7	4.2	3.4	2.8	4.5	3.8	3.1		4.1	3.4	3.8	3.8		14.0
16.0	3.4	2.9	2.1	1.5	3.2	2.5	1.8		2.8	2.1	2.5	2.5		16.0
18.0	2.4	1.9	1.2		2.2	1.5	0.9		1.8	1.1	1.5	1.5		18.0
20.0	1.6	1.1			1.5				1.1					20.0
22.0	1.0													22.0
24.0														24.0
26.0														26.0
28.0														28.0
30.0														30.0
32.0														32.0
34.0														34.0
36.0														36.0
38.0														38.0
40.0														40.0
42.0														42.0
44.0														44.0
46.0														46.0
48.0														48.0
50.0														50.0
52.0														52.0
54.0														54.0
56.0														56.0
58.0														58.0
60.0														60.0
62.0														62.0
Reeving	3								3					Reeving
Hook	60t													Hook
Telescoping mode I	1	1	2	3	1	2	3		2	3	3	4	I	Telescoping mode
II	2	3	3	3	3	3	3		3	3	3	4	II	
III	3	3	3	3	3	3	3		3	3	3	4	III	
IV	3	3	3	2	3	3	3		3	3	3	4	IV	
V	3	3	2	2	3	3	2		3	3	3	4	V	
VI	3	2	2	2	3	2	2		3	2	3	4	VI	

Table 121 Rated capacity chart with boom and jib

Unit: t

Boom	Boom (m) ＋ jib (m), outriggers fully extended, 30.3t counterweight (2.7t + 27.6t moved backward)											
angle	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
(°)	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.9	5.0	4.6	3.6	2.6	2.2	4.5	3.8	3.6	3.0	2.3	2.0
74	5.4	4.6	4.3	3.3	2.5	2.1	4.2	3.6	3.4	2.8	2.2	1.9
72	5.0	4.3	4.0	3.1	2.4	2.05	3.9	3.4	3.2	2.6	2.1	1.8
70	4.6	4.0	3.7	2.9	2.3	2.0	3.6	3.2	3.0	2.4	2.0	1.7
68	4.2	3.7	3.5	2.7	2.2	1.9	3.3	3.0	2.8	2.2	1.9	1.6
66	3.9	3.5	3.3	2.5	2.1	1.85	3.0	2.8	2.6	2.1	1.8	1.5
64	3.6	3.3	3.1	2.4	2.0	1.8	2.8	2.6	2.4	2.0	1.7	1.45
62	3.3	3.1	2.9	2.3	1.9	1.75	2.6	2.4	2.2	1.9	1.6	1.4
60	3.1	2.9	2.7	2.2	1.8	1.7	2.4	2.2	2.0	1.8	1.5	1.35
58	2.9	2.7	2.5	2.1	1.7	1.6	2.0	1.8	1.7	1.6	1.4	1.3
56	2.6	2.4	2.3	2.0	1.6	1.5	1.7	1.5	1.4	1.4	1.3	1.2
54	2.3	2.1	2.0	1.8	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
52	2.0	1.9	1.8	1.6	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8
50	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.8		
48	1.5	1.4	1.3	1.2	1.1	1.0	0.8					
46	1.3	1.2	1.1	1.0	0.9							
44	1.1	1.0	0.9	0.8								
42	0.9											
40												
Reeving	1											
Hook	8t											

Table 122 Rated capacity chart with boom and jib

Unit: t

Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 30.3t counterweight											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.9	5.0	4.6	3.6	2.6	2.2	4.5	3.8	3.6	3.0	2.3	2.0
74	5.4	4.6	4.3	3.3	2.5	2.1	4.2	3.6	3.4	2.8	2.2	1.9
72	5.0	4.3	4.0	3.1	2.4	2.05	3.9	3.4	3.2	2.6	2.1	1.8
70	4.6	4.0	3.7	2.9	2.3	2.0	3.6	3.2	3.0	2.4	2.0	1.7
68	4.2	3.7	3.5	2.7	2.2	1.9	3.3	3.0	2.8	2.2	1.9	1.6
66	3.9	3.5	3.3	2.5	2.1	1.85	3.0	2.8	2.6	2.1	1.8	1.5
64	3.6	3.3	3.1	2.4	2.0	1.8	2.8	2.6	2.4	2.0	1.7	1.45
62	3.3	3.1	2.9	2.3	1.9	1.75	2.5	2.4	2.2	1.9	1.6	1.4
60	2.9	2.8	2.6	2.2	1.8	1.7	2.2	2.1	2.0	1.8	1.5	1.35
58	2.6	2.5	2.4	2.1	1.7	1.6	1.9	1.8	1.7	1.6	1.4	1.3
56	2.3	2.2	2.1	1.9	1.6	1.5	1.6	1.5	1.4	1.3	1.2	1.15
54	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.25	1.2	1.1	1.0	0.95
52	1.7	1.6	1.5	1.4	1.3	1.25	1.1	1.05	1.0	0.9	0.85	0.8
50	1.4	1.35	1.3	1.2	1.1	1.05	0.9	0.85	0.8			
48	1.2	1.15	1.1	1.0	0.95	0.9						
46	1.0	0.95	0.9	0.9	0.85	0.8						
44	0.85	0.8										
42												
40												
Reeving	1											
Hook	8t											

Table 123 Rated capacity chart with boom and jib

Unit: t

Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 21.3t counterweight (2.7t + 18.6t moved backward)											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.9	5.0	4.6	3.6	2.6	2.2	4.5	3.8	3.6	3.0	2.3	2.0
74	5.4	4.6	4.3	3.3	2.5	2.1	4.2	3.6	3.4	2.8	2.2	1.9
72	5.0	4.3	4.0	3.1	2.4	2.05	3.9	3.4	3.2	2.6	2.1	1.8
70	4.6	4.0	3.7	2.9	2.3	2.0	3.6	3.2	3.0	2.4	2.0	1.7
68	4.1	3.7	3.5	2.7	2.2	1.9	3.3	3.0	2.8	2.2	1.9	1.6
66	3.6	3.3	3.2	2.5	2.1	1.85	2.7	2.5	2.4	2.1	1.8	1.5
64	3.1	2.9	2.8	2.4	2.0	1.8	2.3	2.1	2.0	1.9	1.7	1.45
62	2.6	2.5	2.4	2.2	1.9	1.75	1.9	1.8	1.7	1.6	1.4	1.3
60	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.3	1.1	1.0
58	1.8	1.7	1.6	1.6	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8
56	1.5	1.4	1.3	1.3	1.2	1.1	0.9	0.85	0.8			
54	1.2	1.15	1.1	1.0	0.95	0.9						
52	1.0	0.95	0.9	0.8								
50												
48												
46												
44												
42												
40												
Reeving	1											
Hook	8t											

Table 124 Rated capacity chart with boom and jib

Unit: t

Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 21.3t counterweight											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.9	5.0	4.6	3.6	2.6	2.2	4.5	3.8	3.6	3.0	2.3	2.0
74	5.4	4.6	4.3	3.3	2.5	2.1	4.2	3.6	3.4	2.8	2.2	1.9
72	5.0	4.3	4.0	3.1	2.4	2.05	3.9	3.4	3.2	2.6	2.1	1.8
70	4.5	4.0	3.7	2.9	2.3	2.0	3.5	3.2	3.0	2.4	2.0	1.7
68	3.9	3.6	3.3	2.7	2.2	1.9	3.0	2.8	2.6	2.2	1.9	1.6
66	3.3	3.1	2.9	2.5	2.1	1.85	2.5	2.3	2.2	2.0	1.8	1.5
64	2.8	2.6	2.5	2.3	2.0	1.8	2.1	1.9	1.8	1.7	1.5	1.4
62	2.4	2.2	2.1	2.0	1.8	1.6	1.7	1.5	1.45	1.4	1.2	1.1
60	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9
58	1.6	1.5	1.45	1.3	1.2	1.1	1.0	0.95	0.9	0.85		
56	1.3	1.2	1.15	1.05	1.0	0.9						
54	1.0	0.95	0.9	0.8								
52	0.8											
50												
48												
46												
44												
42												
40												
Reeving							1					
Hook							8t					

Table 125 Rated capacity chart with boom and jib

Unit: t

Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 18.3t (2.7t + 15.6t moved backward)											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.9	5.0	4.6	3.6	2.6	2.2	4.5	3.8	3.6	3.0	2.3	2.0
74	5.4	4.6	4.3	3.3	2.5	2.1	4.2	3.6	3.4	2.8	2.2	1.9
72	5.0	4.3	4.0	3.1	2.4	2.05	3.9	3.4	3.2	2.6	2.1	1.8
70	4.4	4.0	3.7	2.9	2.3	2.0	3.5	3.2	3.0	2.4	2.0	1.7
68	3.8	3.5	3.3	2.7	2.2	1.9	2.9	2.7	2.5	2.2	1.9	1.6
66	3.2	3.0	2.8	2.5	2.1	1.85	2.4	2.2	2.1	2.0	1.8	1.5
64	2.7	2.5	2.4	2.2	2.0	1.8	1.9	1.8	1.7	1.6	1.4	1.3
62	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.3	1.1	1.0
60	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8
58	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.85	0.8			
56	1.2	1.1	1.0	1.0	0.9	0.8						
54	0.9	0.85	0.8									
52												
50												
48												
46												
44												
42												
40												
Reeving	1											
Hook	8t											

Table 126 Rated capacity chart with boom and jib

Unit: t

Boom	Boom (m) ＋jib (m), outriggers fully extended, 18.3t											
angle	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
(°)	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.9	5.0	4.6	3.6	2.6	2.2	4.5	3.8	3.6	3.0	2.3	2.0
74	5.4	4.6	4.3	3.3	2.5	2.1	4.2	3.6	3.4	2.8	2.2	1.9
72	4.8	4.2	4.0	3.1	2.4	2.05	3.8	3.4	3.2	2.6	2.1	1.8
70	4.1	3.7	3.5	2.9	2.3	2.0	3.2	2.9	2.7	2.4	2.0	1.7
68	3.5	3.2	3.0	2.7	2.2	1.9	2.6	2.4	2.3	2.1	1.8	1.6
66	2.9	2.7	2.5	2.4	2.1	1.8	2.1	2.0	1.9	1.7	1.5	1.4
64	2.4	2.3	2.1	2.0	1.8	1.6	1.7	1.6	1.5	1.4	1.2	1.1
62	2.0	1.9	1.7	1.6	1.5	1.3	1.3	1.2	1.1	1.1	0.9	0.8
60	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.85	0.9		
58	1.3	1.2	1.1	1.0	0.9	0.8						
56	1.0	0.9	0.85	0.8								
54												
52												
50												
48												
46												
44												
42												
40												
Reeving	1											
Hook	8t											

Table 127 Rated capacity chart with boom and jib

Unit: t

Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 15.8t (2.7t + 13.1t moved backward)											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.9	5.0	4.6	3.6	2.6	2.2	4.5	3.8	3.6	3.0	2.3	2.0
74	5.4	4.6	4.3	3.3	2.5	2.1	4.2	3.6	3.4	2.8	2.2	1.9
72	4.7	4.3	4.0	3.1	2.4	2.05	3.7	3.4	3.2	2.6	2.1	1.8
70	4.0	3.6	3.4	2.9	2.3	2.0	3.1	2.8	2.7	2.4	2.0	1.7
68	3.4	3.1	2.9	2.7	2.2	1.9	2.5	2.3	2.3	2.1	1.8	1.6
66	2.8	2.6	2.4	2.3	2.0	1.8	2.0	1.9	1.8	1.7	1.5	1.4
64	2.3	2.1	2.0	1.9	1.7	1.6	1.6	1.5	1.4	1.3	1.2	1.1
62	1.9	1.7	1.6	1.6	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8
60	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.85	0.8			
58	1.2	1.1	1.0	0.9	0.85	0.8						
56	0.9	0.85	0.8									
54												
52												
50												
48												
46												
44												
42												
40												
Reeving	1											
Hook	8t											

Table 128 Rated capacity chart with boom and jib

Unit: t

Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 15.8t counterweight											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.9	5.0	4.6	3.6	2.6	2.2	4.5	3.8	3.6	3.0	2.3	2.0
74	5.3	4.6	4.3	3.3	2.5	2.1	4.2	3.6	3.4	2.8	2.2	1.9
72	4.5	4.0	3.8	3.1	2.4	2.05	3.5	3.1	2.9	2.6	2.1	1.8
70	3.7	3.4	3.2	2.9	2.3	2.0	2.9	2.6	2.4	2.3	2.0	1.7
68	3.1	2.8	2.7	2.5	2.2	1.9	2.3	2.1	2.0	1.9	1.6	1.5
66	2.6	2.4	2.2	2.1	1.8	1.7	1.8	1.7	1.6	1.5	1.3	1.2
64	2.1	1.9	1.8	1.7	1.5	1.4	1.4	1.3	1.2	1.2	1.0	0.9
62	1.7	1.55	1.5	1.4	1.2	1.1	1.0	0.95	0.9	0.9		
60	1.3	1.2	1.15	1.1	1.0	0.9						
58	1.0	0.9	0.85	0.8								
56												
54												
52												
50												
48												
46												
44												
42												
40												
Reeving	1											
Hook	8t											

Table 129 Rated capacity chart with boom and jib

Unit: t

Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 9.1t (2.7t + 6.4t moved backward)											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.5	5.5	5.0	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.4	4.7	4.3	3.6	2.6	2.2	4.2	3.8	3.4	3.0	2.3	2.0
74	4.4	3.9	3.6	3.3	2.5	2.1	3.4	3.1	2.8	2.7	2.2	1.9
72	3.6	3.2	3.0	2.9	2.3	2.0	2.7	2.4	2.2	2.2	1.9	1.6
70	2.9	2.6	2.4	2.4	2.0	1.8	2.1	1.9	1.7	1.7	1.5	1.3
68	2.3	2.1	1.9	1.9	1.6	1.4	1.6	1.4	1.3	1.3	1.1	1.0
66	1.7	1.6	1.5	1.4	1.2	1.1	1.1	1.0	0.9	0.9	0.8	
64	1.3	1.2	1.1	1.0	0.9	0.8						
62	0.9	0.85	0.8									
60												
58												
56												
54												
52												
50												
48												
46												
44												
42												
40												
Reeving	1											
Hook	8t											

Table 130 Rated capacity chart with boom and jib

Unit: t

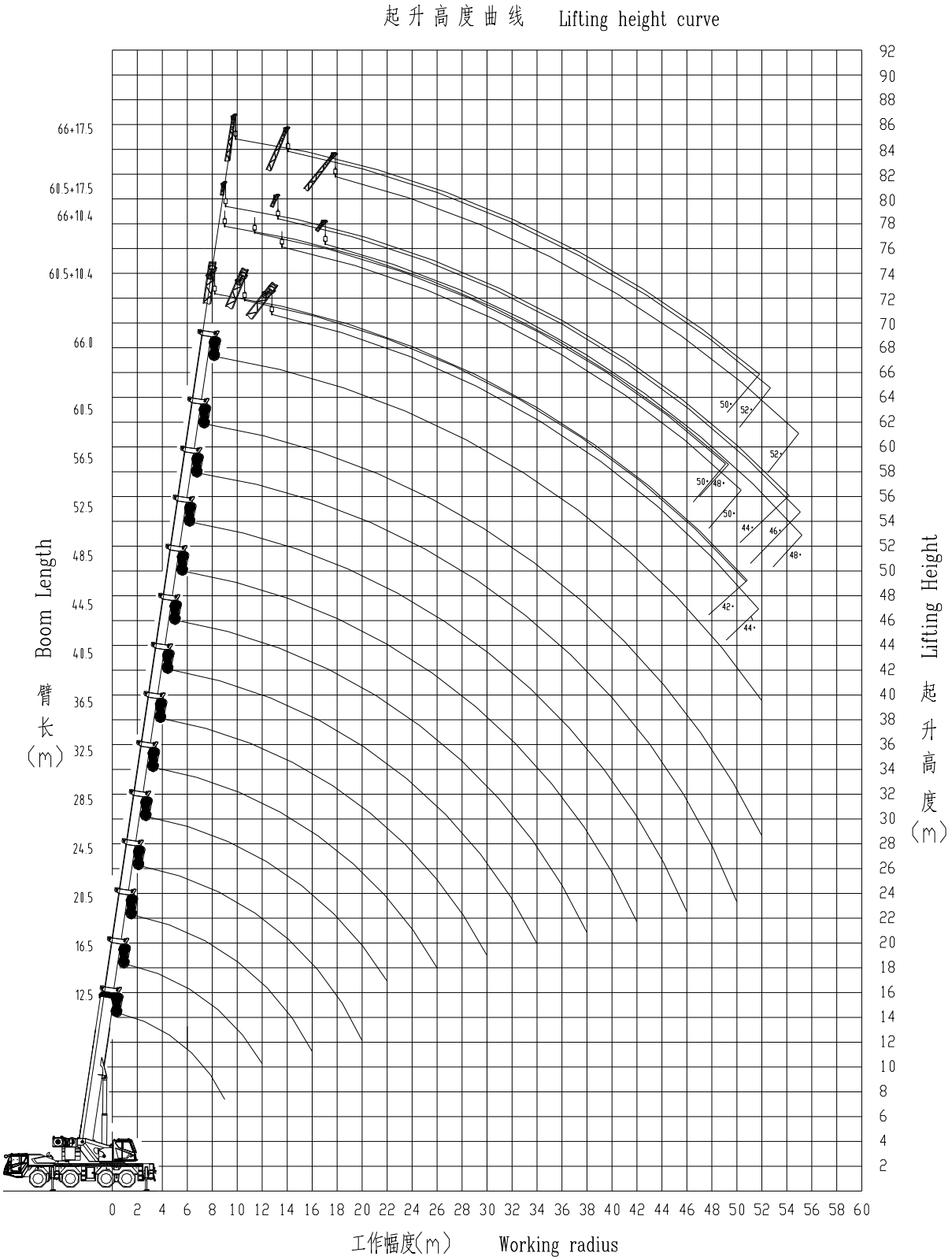
Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 9.1t counterweight											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.5	5.5	5.0	4.0	3.0	2.4	5.1	4.2	3.9	3.4	2.6	2.2
78	6.3	5.5	4.8	3.8	2.8	2.3	4.8	4.0	3.8	3.2	2.4	2.1
76	5.2	4.5	4.2	3.6	2.6	2.2	4.1	3.7	3.3	3.0	2.3	2.0
74	4.3	3.8	3.5	3.3	2.5	2.1	3.3	2.9	2.7	2.6	2.1	1.9
72	3.5	3.1	2.9	2.8	2.3	2.0	2.6	2.3	2.1	2.1	1.8	1.5
70	2.8	2.5	2.3	2.3	1.9	1.7	2.0	1.8	1.6	1.6	1.4	1.2
68	2.2	2.0	1.8	1.8	1.5	1.3	1.4	1.3	1.2	1.2	1.0	0.9
66	1.6	1.5	1.4	1.3	1.1	1.0	1.0	0.9	0.8	0.85		
64	1.2	1.1	1.0	0.95	0.85	0.8						
62	0.8											
60												
58												
56												
54												
52												
50												
48												
46												
44												
42												
40												
Reeving	1											
Hook	8t											

Table 131 Rated capacity chart with boom and jib

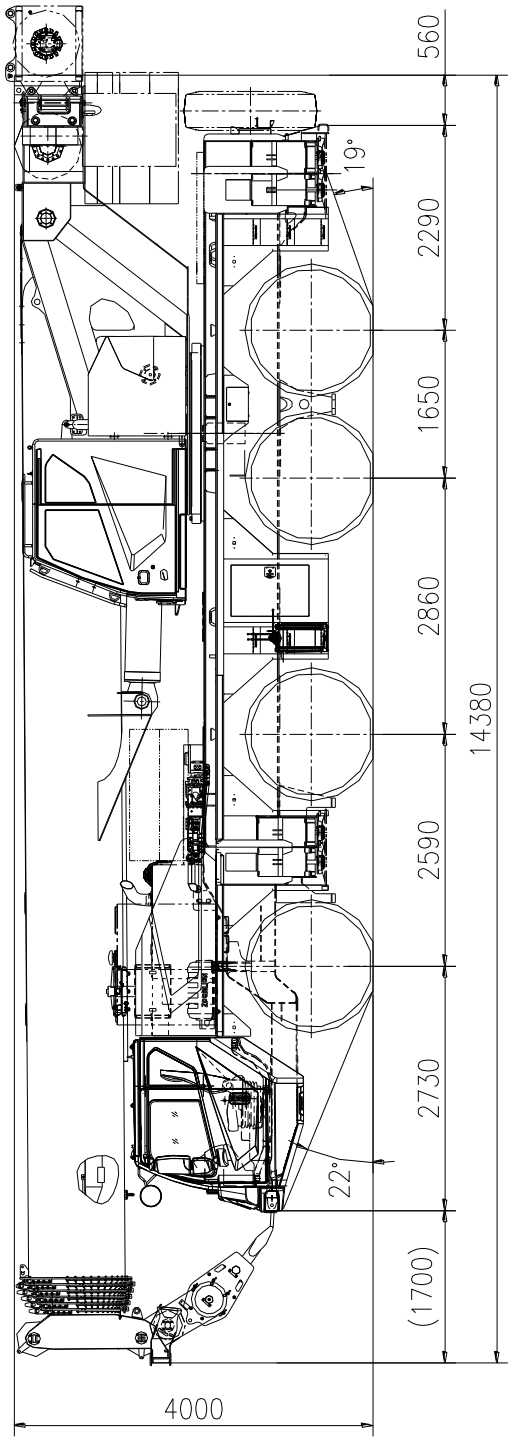
Unit: t

Boom angle (°)	Boom (m) ＋jib (m), outriggers fully extended, 2.7t counterweight											
	60.5+10.4			60.5+17.5			66.0＋10.4			66.0＋17.5		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
82	6.5	5.5	5.0	4.0	3.2	2.5	5.4	4.4	4.0	3.6	2.8	2.3
80	6.0	5.0	4.7	4.0	3.0	2.4	4.7	4.2	3.5	3.4	2.6	2.2
78	5.2	4.5	3.8	3.6	2.8	2.3	4.0	3.4	3.0	3.0	2.3	2.0
76	4.0	3.5	3.0	3.0	2.6	2.1	3.0	2.6	2.3	2.3	1.9	1.6
74	3.1	2.7	2.4	2.4	1.9	1.7	2.2	1.9	1.7	1.8	1.4	1.2
72	2.3	2.0	1.8	1.8	1.5	1.3	1.5	1.3	1.2	1.3	1.0	0.8
70	1.6	1.4	1.3	1.3	1.1	1.0	1.0	0.85	0.8	0.8		
68	1.1	1.0	0.9	0.9								
66												
64												
62												
60												
58												
56												
54												
52												
50												
48												
46												
44												
42												
40												
Reeving	1											
Hook	8t											

2.4 Lifting height chart



2.5 Overall view (Unit: Metric mm)



3 Components, superstructure

3.1 Boom and telescoping mechanism

The boom consists of 7 oval boom sections made of δs=960MPa high strength structural steel, providing the boom with excellent bending-resistance capacity, super load bearing capacity, light deadweight, large lateral stiffness and small end deflection. The boom head adopts new plate-type structure, realizing larger lapping ratio between boom sections, and matching with embedded sliding blocks. A series of optimized design have the deadweight of the boom greatly decreased and the stress on the boom evenly distributed to avoid partial distortion. Furthermore, the boom has good guidance quality and adjustability. .

The telescopic boom sections are telescoped in / out via the single-cylinder pinning mechanism with interlocking device, which can realize mechanical interlock and telescoping in order.

3.2 Jib

It consists of two jib sections. They are folded on the side of boom when not used and can be installed and removed by inserted pins.

The two jib sections are of a reducing and lattice structure.

Jib section 1 is articulated on the head of top boom section with pins and can be assembled below an angle of 0°, 15° or 30° to the telescopic boom according to your needs. The angle can be conveniently changed via the pins and pull bracket.

Jib length:

Jib section 1: 10.4 m

Jib section 1 + jib section 2: 17.5 m

3.3 Slewing platform

Single ribbed plate structured and optimized slewing platform made from high-strength steel plate makes the layout of articulated points of boom and derricking mechanism more reasonable. It also has a novel style and beautiful figure.

The engine hood is of a human-based layout.

An interlocking mechanism is installed at the front end, so as to prevent the superstructure from rotating during crane travelling process.

3.4 Rooster sheave

It is secured at the outside of the boom head when it is not used. It can be rotated around the shaft and pinned onto the boom head when it is used.

This option is set up for rapid hoists over the boom head to improve the working efficiency when the loads are light.

3.5 Derricking mechanism

1 front-mounted hydraulic cylinder with safety balance valve provides the boom with smooth derricking movements from -1° to 83°.

3.6 Slewing mechanism

There are two reducers installed in the slewing mechanism. Via the planetary gear reducer, the axial plunger hydraulic motor drives the pinion gear on the output shaft to rotate the exterior

toothed ring of slewing ring fixed on chassis frame, providing superstructure with 360° unlimited slewing.

The slewing mechanism is of controllable aligning function, which can make the load be aligned automatically during operation. Slewing cushion valve and normally-closed brake can ensure stable and reliable slewing operation of the crane. 4-point contact ball-type slewing ring ensures the slewing platform with super-strong load bearing capability and long service life.

3.7 Hoist mechanism

It consists of main and auxiliary hoist mechanisms (the auxiliary winch is optional).

The two hoist mechanisms are driven by hydraulic variable motor with built-in planetary gear reducer to lift or lower the hook. A brake is fitted between the motor and reducer.

The two winch mechanisms can be controlled independently and also can carry out simultaneous movements.

Models of main and auxiliary winch reducers are the same.

Main and auxiliary winch adopt variable pumps.

The lowering limit switch is fitted on the main winch.

The built-in planetary reducer is of compact structure, light deadweight and high reliability.

Specifications for high-tensile torsion resistant hoist rope:

Diameter: φ20.0 mm

Strength grade: 1960 N/mm^2

Length of main hoist rope: 310 m

Length of auxiliary hoist rope: 220 m

3.8 Main and auxiliary hooks

Main hook: 60 t, with 5 pulleys, installed with a mounting lug at the end of the wire rope and an anti-slipping and anti-rotation hook latch

Auxiliary hook (1 reeving): 8 t, installed with an anti-twist and anti-slipping hook latch

Optional: 35t single hook, with 3 pulleys; 60t anchor hook, 70t/80t single hook, with 6 pulleys; 90t anchor hook with 7 pulleys.

3.9 Operator’s cab

It is of steel-structure welded with right-mounted instrument console and adjustable seat with headrest. It is equipped with two joysticks, windshield wiper, washing system, air conditioning and heater. The arrangement provides spacious operating space, reasonable arrangement, human-based design, convenient and safe operation.

A cab tilting mechanism is a standard configuration which can tilt the cab by maximum 20 degrees.

3.10 Outriggers

H-type outriggers, which are in box-shaped structure and welded of low-alloy and high-strength steel plate, are of good sectional performance and strong load bearing capability via finite element analysis and simulated design.

One-section horizontal outrigger beam can be extended and retracted with a horizontal cylinder and a set of outrigger extension / retraction rope.

After the outriggers are fully extended or retracted, the outrigger pads can be locked with retaining pins.

Manual outrigger control levers are fitted on both sides of the vehicle for controlling the outriggers to extend or retract simultaneously or independently. Each vertical cylinder is equipped with a two-way hydraulic lock to ensure stable and reliable operation of the crane.

In addition, the crane also can work with outriggers intermediately extended for narrow area operation.

3.11 Hydraulic system

The superstructure hydraulic system is controlled in the electro-hydraulic proportional way through the integrated load moment limiter. The hydraulic system is an open-type variable system with small hydraulic losses, high working efficiency, fine movements, stable and reliable operations and stepless speed adjustment.

A counterweight handler is installed to ensure sound starting and braking performance and high reliability.

3.12 Electrical system

Double-wire system, 24 Volt DC.

The electrical system consists of superstructure electrical system and chassis electrical system.

The electrical system of superstructure includes the devices such as warning light “Main / auxiliary winch approaching upper limit”, warning light “Main / auxiliary winch approaching lower limit”, hoisting limit switch, lowering limit switch, overload protection device, emergency off switch etc., ensuring safe operation and providing good working environment.

The electrical system of chassis includes the USB / SD / MP3 player, air conditioning and heater etc, ensuring the safety driving performance and providing comfortable driving environment.

3.13 Safety devices

This crane is equipped with an automatic load moment limiter whose display and warning devices are all fitted in operator’s cab.

If the actual load reaches 90% of the rated one, the warning light lights up and the buzzer sends out slow acoustic warning.

If the actual load approaches 100% of the rated one, the warning light lights up, the buzzer sends out fast acoustic warning and all dangerous movements are switched off.

The basic parameters, such as moment ratio, boom angle, boom length, working radius, actual lifting capacity, maximum permissible lifting capacity and actual lifting height will be displayed on the digital LCD.

This crane is also equipped with the following safety devices to ensure the crane safety:

a) Hoisting limit switch

b) Hook safety device

c) Lowering limit switch

d) Two-way hydraulic lock

e) Balance valve

f) Relief valve

g) Wireless remote counterweight controller

3.14 Air conditioning and heater

The operator’s cab is equipped with special air conditioning and heater for vehicle.

3.15 Counterweight

The weight of the under-slung movable counterweight is 31.3 t in total (with two optional 4.5 t side counterweight plates). Different combinations can be selected based on work need.

The counterweight system consists of one 1t fixed counterweight plate, one 2.7t auxiliary counterweight plate, one 3t upper movable counterweight plate, one 2.5t middle movable

counterweight plate I, one 6.7 t middle counterweight plate II, one 6.4t lower counterweight plate, and two 4.5×2=9 t side counterweight plates, which are 31.3t in total.

3.16 Travelling status

Travelling status 1: the total mass of the whole crane is 48t. The crane is installed with the main hook and 1t fixed counterweight plate, and without the jib and auxiliary hook. The single axle load is 12t and the crane can drive at the highest speed of 80km/h.

Travelling status 2: the total mass of the whole crane is 58t. The crane is installed with the main hook, rooster sheave, outrigger pads, 1t fixed counterweight, jib, 2.7 t auxiliary counterweight, and 6.4t lower movable counterweight. The single axle load is 14.5t and the crane can drive at the highest speed of 70km/h.

Travelling status 3: the total mass of the whole crane is 66t. The crane is installed with the main hook, 1t fixed counterweight, jib, 2.7 t auxiliary counterweight, 6.4t lower movable counterweight, 2.5t middle counterweight plate I, and 6.7t middle counterweight plate II. The single axle load is 16.5t and the crane can drive at the highest speed of 30km/h.

4 Specifications, chassis

Chassis	Engine	Model	WP12.460E50
		Rated power kW/r/min	338/1900
		Max. output torque N.m/r/min	2110/1000-1400
		Manufacturer	Wiechai Power Co., Ltd.
	Model		ZLJ5480JQZV5
	Type		Class II
	Code		ZLJ5480JQZV5
	Limits for exhaust pollutants and smoke		Comply with Euro V emission standard
	Manufacturer		Zoomlion Heavy Industry Science & Technology Co., Ltd.

For detailed information, please refer to *Technical Specifications,Special Purpose Chassis for Truck Crane*.

Appendix

Table – Main purchased parts and manufacturers

Ser. No.	Description	Manufacturer	Remarks
1	Main valve	Changde Zoomlion Hydraulic Co., Ltd.	
2	Plunger pump (variable pump)	Hi-tech Hydraulic Co., Ltd.	
		Liyuan Hydraulic (Suzhou) Co., Ltd.	
	Dual gear pumps	Hefei Wanye Hydraulic Co., Ltd.	
3	Winch motor	Hi-tech Hydraulic Co., Ltd.	
4	Winch reducer	Zhuzhou Gear Co., Ltd.	
		Taian Taishan Fusheng Gear Co., Ltd.	
5	Slewing motor	Avic Liyuan Hydraulic Co., Ltd.	
		Beijing Huade Hydraulic Industry Co., Ltd.	
		Hi-tech Hydraulic Co., Ltd.	
6	Slewing reducer	Zhuzhou Gear Co., Ltd.	
		Taian Taishan Fusheng Gear Co., Ltd.	
7	Slewing ring	Yantai Haoyang Mechanical Co., Ltd.	
8	Telescopic cylinder	Hunan Teli Hydraulic Co., Ltd.	
9	Derricking cylinder	Hunan Teli Hydraulic Co., Ltd.	
10	Horizontal cylinder	Hunan Teli Hydraulic Co., Ltd.	
11	Vertical cylinder	Hubei Jiaheng Technology Co., Ltd.	
		Hunan Teli Hydraulic Co., Ltd.	
12	Balance valve – telescoping mechanism	Hubei Jiaheng Technology Co., Ltd.	
		Hunan Teli Hydraulic Co., Ltd.	
13	Balance valve – derricking mechanism	Changde Zoomlion Heavy Industry Science & Technology Hydraulic Co., Ltd.	
14	Balance valve – hoist mechanism	Changde Zoomlion Heavy Industry Science & Technology Hydraulic Co., Ltd.	
15	Wire rope	Shanghai Junwei Sling Co., Ltd.	
16	Hook	Zhuzhou Ruijue Railway Accessory Co., Ltd.	
17	Load moment limiter	Zoomlion Electrical Appliance Company	
18	Operator's cab assy.	Yangzhou Shenzhou Vehicle Interior Decorative Parts Ltd., Co.	

Note:

The equipment fitted in the crane is subject to changes due to design improvements or other reasons. Therefore, the above table is for reference only.