

ZOOMLION

ZOOMLION ZTC1100R TRUCK CRANE

TECHNICAL SPECIFICATIONS

ZTC1100R653/27Y

Zoomlion Heavy Industry Science & Technology Co.,Ltd.

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1 Product characteristics

ZOOMLION ZTC1100R truck crane, which integrates Zoomlion's many years' experience in designing and manufacturing mobile cranes combined with advanced technologies, is a new generation of high-performance product designed and developed to meet the market demands. Its performances, such as lifting height, main boom length, working speed and lifting capacity, etc., have achieved internationally advanced level.

This product is a truck crane of full-range slewing, with telescopic boom sections and electro-hydraulic pilot-operated proportional controlled systems. The 4-axle (8 × 4 drive, offering convenient and flexible hydraulically powered steering) special purpose chassis (full width) provides wide vision, spacious cab and luxurious equipment.

The latest load sensitive pilot electro-hydraulic proportional valve and the variable pump system ensure that each executive mechanism makes full use of its working capability. The hydraulic pilot control joystick increases the crane's working efficiency greatly by combinations of crane operations such as spooling up /reeling off, derricking, slewing and telescoping. The crane hydraulic system is characterized in its operation convenience, maneuverability, stability and continuous speed adjustment, etc.

Safety devices, such as relief valve, balance valve, hydraulic lock and brake valve, etc. in the hydraulic system, are capable of preventing captures of pipes and hoses.

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

This crane has a novel style which makes it beautiful in figure, in form and in color.

2 Specifications, complete vehicle

2.1 Product model

Model in engineering industry: ZTC1100R

Product code: ZTC1100R653

2.2 Technical data

Item		Value	Remarks
Working performance	Max. rated lifting capacity kg	110000	
	Max. load moment of basic boom kN.m	3540	
	Max. load moment of max. length main boom kN.m	1728	
	Max. lifting height of basic boom m	13.7	
	Max. lifting height of main boom m	59.2	These parameters do not include deflection of main boom and jib.
	Max. lifting height of jib m	86.0	
Working speeds	Max. hoist rope speed (Main winch) m/min	≤130	Drum 4 th layer
	Max. hoist rope speed (Auxiliary winch) m/min	≤110	Drum 2 nd layer
	Boom derricking up time s	60	
	Boom telescoping out time s	480	
	Slewing speed r/min	0 - 1.6	
	Max. driving speed km/h	90	
	Max. gradeability %	40	
	Min. turning diameter m	23	
	Min. ground clearance mm	310	
	Oil consumption per hundred kilometer L	46	
Mass	Deadweight in driving condition kg	50000	
	Complete vehicle kerb mass kg	49805	
	Front axle load kg	24000	
	Rear axle load kg	26000	
Dimensions	Overall dimensions (L × W × H) mm	15000×2850×3820	
	Outrigger spread (L) m	6.38	
	Outrigger spread (W) m	Fully extended: 8.0 m Intermediately extended: 5.3 m	
	Tail slewing radius mm	4420	
	Main boom length m	12.5-58.5	
	Boom angle °	-2 – 80	
	Jib length m	10.4, 17.5	
	Jib offset °	0, 15, 30	
	Extension length m	9.5	Optional

	Extension offset	°	0	
	Tip boom length	m	3	Optional
	Tip boom offset	°	30	

2.3 Rated lifting capacity tables

This crane is provided with several lifting capacity tables. The operator should select proper rated lifting load referring to resp. lifting capacity tables according to actual working conditions. As for the details, please refer to the tables below.

For the operating modes marked with an “*” and whose working area is over sides & rear, a 70 t or 80 t hook should be used; when the load is more than 70 t, the rope reeving is 13 and a special device shall be installed.

For the operating modes marked with “***”, they indicate a nominal lifting capacity of 110 tons.

Table 1 Lifting capacity table (with the main boom only)

Unit: tons

Outriggers fully extended (8 m), with 28 tons counterweight, over full range															
Radius (m)		Boom length (m)											Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★			
2.5		110.0**											2.5		
3.0		80.0*	39.0	60.0	70.0	70.0		24.0	42.0	59.0	65.0	65.0	3.0		
3.5		78.0*	37.0	59.0	70.0	70.0		23.0	41.0	57.0	65.0	65.0	3.5		
4.0		76.0*	35.0	57.5	70.0	70.0		22.0	40.0	55.0	65.0	65.0	4.0		
4.5		70.0*	32.5	54.5	65.0	65.0		21.0	38.0	51.0	65.0	65.0	4.5		
5.0		66.0	30.5	51.0	60.0	60.0		20.0	36.0	48.0	60.0	60.0	5.0		
5.5		62.0	28.5	48.0	57.0	57.0		19.0	33.0	44.0	56.0	56.0	5.5		
6.0		59.0	27.6	45.0	54.0	54.0		18.0	31.0	42.0	52.0	52.0	6.0		
7.0		50.0	24.5	41.0	46.0	46.0		16.0	28.0	36.5	45.0	45.0	7.0		
8.0		43.0	22.3	36.0	40.0	40.0		15.0	25.0	34.0	40.0	40.0	8.0		
9.0		36.5	20.8	32.5	37.0	37.0		13.5	23.5	30.0	36.5	36.5	9.0		
10.0			20.0	30.0	33.0	33.0		12.5	21.5	27.5	35.0	33.5	10.0		
11.0			19.0	28.5	30.5	30.0		11.5	20.0	25.5	29.5	29.0	11.0		
12.0			18.0	26.0	26.5	26.0		11.0	19.0	24.0	26.0	25.5	12.0		
14.0								10.0	17.0	20.5	20.0	19.5	14.0		
16.0								9.0	15.0	17.0	16.5	16.0	16.0		
Reeving		12	Reeving						10					倍率	
Hook		60t												Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode	
	II	1	1	1	1	2		1	1	1	2	2	II		
	III	1	1	1	2	1		1	1	2	2	1	III		
	IV	1	1	2	1	1		1	2	2	1	1	IV		
	V	1	2	1	1	1		3	2	1	1	1	V		

Table 2 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 28 tons counterweight, over full range															
Radius (m)	Boom length (m)											Radius (m)			
	25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7	29.7★				
3.0													3.0		
3.5													3.5		
4.0	25.0	27.0	42.0	51.0	51.0								4.0		
4.5	24.0	25.5	41.0	49.0	51.0								4.5		
5.0	23.0	24.5	39.0	46.0	51.0		21.0	25.0	27.7	43.0	44.0		5.0		
5.5	22.0	23.5	37.0	44.0	51.0		20.0	24.0	26.0	41.0	44.0		5.5		
6.0	21.0	22.0	35.5	42.0	51.0		19.5	23.0	24.5	39.5	44.0		6.0		
7.0	19.5	19.5	33.0	39.0	48.0		17.0	20.5	21.5	37.0	44.0		7.0		
8.0	17.0	17.0	30.0	37.0	42.0		15.5	18.5	19.7	34.0	40.0		8.0		
9.0	15.5	15.5	27.0	35.0	37.0		14.0	17.0	18.0	32.0	37.0		9.0		
10.0	14.0	14.3	24.5	33.0	34.0		13.0	15.5	16.5	29.5	34.0		10.0		
11.0	13.0	13.2	22.5	30.0	30.0		11.5	14.5	15.0	26.5	30.0		11.0		
12.0	12.0	12.3	21.0	26.0	26.0		11.0	13.5	14.0	25.0	26.0		12.0		
14.0	10.5	10.8	18.0	21.0	20.0		9.5	12.0	12.3	21.0	21.5		14.0		
16.0	9.3	9.7	16.0	17.5	16.5		8.4	10.5	11.0	18.0	17.5		16.0		
18.0	8.3	8.7	14.5	14.5	13.5		7.5	9.5	9.8	15.0	14.0		18.0		
20.0	7.5	7.7	12.0	12.0	11.0		6.8	8.5	8.8	13.0	12.0		20.0		
22.0							6.2	7.5	8.0	11.0	10.0		22.0		
24.0							5.3	7.0	6.8	9.5	8.7		24.0		
Reeving	8							7						Reeving	
Hook	60t													Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode	
	II	1	1	1	2	2		1	1	1	2	2	II		
	III	1	1	2	2	2		1	2	3	2	2	III		
	IV	2	3	2	2	1		3	3	2	2	2	IV		
	V	3	2	2	1	1		3	2	2	2	1	V		

Table 3 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 28 tons counterweight, over full range														
Boom length (m)														
Radius (m)	34.0	34.0	34.0	34.0	34.0 ★		38.3	38.3	38.3	38.3	38.3 ★	Radius (m)		
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0	20.2	22.0	27.0	29.5	40.0							6.0		
7.0	18.5	20.0	24.5	27.0	37.5		17.5	21.5	25.5	29.5	30.6	7.0		
8.0	17.0	18.0	21.0	24.5	34.0		16.0	19.5	23.0	27.5	28.3	8.0		
9.0	15.5	16.5	19.3	22.3	32.5		14.5	18.0	21.0	24.8	25.3	9.0		
10.0	14.0	15.0	17.5	20.5	31.5		13.5	16.6	19.4	23.0	23.0	10.0		
11.0	13.0	14.0	16.0	18.5	28.0		12.3	15.2	17.5	20.8	21.0	11.0		
12.0	12.2	13.0	15.2	17.5	26.0		11.5	14.1	16.2	19.3	19.5	12.0		
14.0	10.5	11.2	13.2	15.2	22.0		10.0	12.3	14.0	16.8	16.8	14.0		
16.0	9.2	10.0	11.8	13.4	18.0		9.0	11.0	12.2	15.0	15.8	16.0		
18.0	8.2	9.0	10.5	12.0	15.0		8.0	10.0	11.0	13.4	13.5	18.0		
20.0	7.4	8.0	9.5	11.0	12.5		7.1	9.0	9.8	11.9	12.0	20.0		
22.0	6.8	7.3	8.6	10.0	11.0		6.5	8.0	9.0	10.9	10.7	22.0		
24.0	6.2	6.6	8.0	9.2	9.5		6.0	7.5	8.1	9.5	9.2	24.0		
26.0	5.8	6.0	7.5	8.5	8.2		5.5	6.9	7.2	8.2	7.9	26.0		
28.0	5.0	5.5	6.8	7.5	7.2		5.0	6.4	6.6	7.1	6.8	28.0		
30.0							4.7	5.7	6.1	6.2	5.9	30.0		
32.0							4.0	4.8	5.6	5.4	5.1	32.0		
Reeving	6							5						Reeving
Hook	60t												Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 4 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 28 tons counterweight, over full range														
Radius (m)	Boom length (m)											Radius (m)		
	42.6	42.6	42.6	42.6 ★	46.9	46.9	46.9 ★	51.2	51.2 ★	55.5 ★	58.5 ★			
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0												6.0		
7.0												7.0		
8.0												8.0		
9.0	16.5	19.0	22.0	24.0								9.0		
10.0	15.2	17.5	20.6	22.0	15.5	18.2	19.5					10.0		
11.0	14.0	16.0	18.5	20.0	14.3	16.8	18.0	13.0	14.5			11.0		
12.0	13.0	15.0	17.6	18.5	13.5	16.2	17.2	12.5	14.0			12.0		
14.0	11.2	13.3	15.3	16.5	12.0	14.0	15.5	11.5	12.5	10.5	9.8	14.0		
16.0	10.0	11.6	13.7	14.5	10.8	12.5	13.5	10.5	11.5	9.7	9.0	16.0		
18.0	8.9	10.3	12.2	12.6	9.5	11.4	12.0	10.1	11.0	9.0	8.5	18.0		
20.0	8.0	9.2	11.0	10.8	8.5	10.2	10.7	9.3	10.2	8.5	8.2	20.0		
22.0	7.4	8.4	9.4	9.6	7.8	9.0	9.2	8.5	9.2	8.0	7.7	22.0		
24.0	6.8	7.7	8.5	8.7	7.0	8.2	8.2	7.8	8.0	7.4	7.2	24.0		
26.0	6.2	7.1	7.8	7.8	6.5	7.2	7.4	7.0	7.0	6.7	6.6	26.0		
28.0	5.7	6.3	7.1	6.8	6.0	6.5	6.7	6.4	6.3	6.1	6.0	28.0		
30.0	5.3	5.5	6.4	5.8	5.5	6.0	5.9	5.6	5.8	5.6	5.5	30.0		
32.0	5.0	5.0	5.7	5.2	5.0	5.5	5.3	5.0	5.3	5.1	5.0	32.0		
34.0	4.5	4.4	5.0	4.5	4.5	5.0	4.7	4.6	4.8	4.6	4.5	34.0		
36.0	3.7	4.1	4.4	3.9	4.0	4.5	4.0	4.3	4.4	4.3	4.3	36.0		
38.0					3.7	4.1	3.6	4.0	3.8	3.8	3.8	38.0		
40.0					3.4	3.7	3.2	3.7	3.3	3.5	3.5	40.0		
42.0								3.4	3.0	3.2	3.2	42.0		
44.0								3.1	2.6	2.9	2.9	44.0		
46.0										2.6	2.6	46.0		
48.0										2.3	2.3	48.0		
50.0											2.0	50.0		
Reeving	4				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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 5 Lifting capacity table (with the main boom only)

Unit: tons

Outriggers fully extended (8 m), with 23 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1			21.1★
2.5		110.0**											2.5	
3.0		80.0*	39.0	60.0	70.0	70.0		24.0	42.0	59.0	65.0	65.0	3.0	
3.5		78.0*	37.0	59.0	70.0	70.0		23.0	41.0	57.0	65.0	65.0	3.5	
4.0		76.0*	35.0	57.5	70.0	70.0		22.0	40.0	55.0	65.0	65.0	4.0	
4.5		70.0*	32.5	54.5	65.0	65.0		21.0	38.0	51.0	65.0	65.0	4.5	
5.0		65.0	30.5	51.0	60.0	60.0		20.0	36.0	48.0	60.0	60.0	5.0	
5.5		60.0	28.5	48.0	57.0	57.0		19.0	33.0	44.0	56.0	56.0	5.5	
6.0		58.0	27.6	45.0	54.0	54.0		18.0	31.0	42.0	52.0	52.0	6.0	
7.0		49.0	24.5	41.0	46.0	46.0		16.0	28.0	36.5	45.0	45.0	7.0	
8.0		42.0	22.3	36.0	40.0	40.0		15.0	25.0	34.0	40.0	40.0	8.0	
9.0		36.5	20.8	32.5	37.0	37.0		13.5	23.5	30.0	36.5	36.5	9.0	
10.0			19.0	30.0	33.0	33.0		12.5	21.5	27.5	35.0	33.5	10.0	
11.0			18.5	28.0	29.5	29.0		11.5	20.0	25.5	29.5	28.0	11.0	
12.0			17.5	25.7	25.5	25.0		11.0	19.0	24.0	25.5	24.5	12.0	
14.0								10.0	16.5	20.5	19.7	18.5	14.0	
16.0								9.0	14.5	16.5	15.5	15.0	16.0	
Reeving		12	Reeving					10					倍率	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 6 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 23 tons counterweight, over full range														
Radius (m)	Boom length (m)											Radius (m)		
	25.4	25.4	25.4	25.4	25.4	25.4	29.7	29.7	29.7	29.7	29.7			
3.0												3.0		
3.5												3.5		
4.0	25.0	27.0	42.0	51.0	51.0							4.0		
4.5	24.0	25.5	41.0	49.0	51.0								4.5	
5.0	23.0	24.5	39.0	46.0	51.0		21.0	25.0	27.7	43.0	44.0	5.0		
5.5	22.0	23.5	37.0	44.0	51.0		20.0	24.0	26.0	41.0	44.0	5.5		
6.0	21.0	22.0	35.5	42.0	51.0		19.5	23.0	24.5	39.5	44.0	6.0		
7.0	19.5	19.5	33.0	39.0	48.0		17.0	20.5	21.5	37.0	44.0	7.0		
8.0	17.0	17.0	30.0	37.0	42.0		15.5	18.5	19.7	34.0	40.0	8.0		
9.0	15.5	15.5	27.0	35.0	37.0		14.0	17.0	18.0	32.0	37.0	9.0		
10.0	14.0	14.3	24.5	33.0	34.0		13.0	15.5	16.5	29.5	33.5	10.0		
11.0	13.0	13.2	22.5	30.0	29.0		11.5	14.5	15.0	26.5	29.0	11.0		
12.0	12.0	12.3	21.0	26.0	25.0		11.0	13.5	14.0	25.0	25.5	12.0		
14.0	10.5	10.8	18.0	20.5	19.0		9.5	12.0	12.3	21.0	20.0	14.0		
16.0	9.3	9.7	16.0	16.5	15.2		8.4	10.5	11.0	17.3	16.0	16.0		
18.0	8.3	8.7	14.5	13.5	12.3		7.5	9.5	9.8	14.3	13.3	18.0		
20.0	7.5	7.7	12.0	11.3	10.0		6.8	8.5	8.8	12.0	11.0	20.0		
22.0							6.2	7.5	8.0	10.2	9.1	22.0		
24.0							5.3	7.0	6.8	8.8	7.7	24.0		
Reeving	8							7					Reeving	
Hook	60t												Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 7 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 23 tons counterweight, over full range														
Radius (m)	Boom length (m)										Radius (m)			
	34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3		38.3★		
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0	20.2	22.0	27.0	29.5	40.0							6.0		
7.0	18.5	20.0	24.5	27.0	37.5		17.5	21.5	25.5	29.5	30.6	7.0		
8.0	17.0	18.0	21.0	24.5	34.0		16.0	19.5	23.0	27.5	28.3	8.0		
9.0	15.5	16.5	19.3	22.3	32.5		14.5	18.0	21.0	24.8	25.3	9.0		
10.0	14.0	15.0	17.5	20.5	31.5		13.5	16.6	19.4	23.0	23.0	10.0		
11.0	13.0	14.0	16.0	18.5	28.0		12.3	15.2	17.5	20.8	21.0	11.0		
12.0	12.2	13.0	15.2	17.5	26.0		11.5	14.1	16.2	19.3	19.5	12.0		
14.0	10.5	11.2	13.2	15.2	20.5		10.0	12.3	14.0	16.8	16.8	14.0		
16.0	9.2	10.0	11.8	13.4	16.5		9.0	11.0	12.2	15.0	15.8	16.0		
18.0	8.2	9.0	10.5	12.0	13.5		8.0	10.0	11.0	13.2	13.2	18.0		
20.0	7.4	8.0	9.5	10.7	11.5		7.1	9.0	9.8	11.5	11.0	20.0		
22.0	6.8	7.3	8.6	9.5	9.8		6.5	8.0	9.0	9.8	9.4	22.0		
24.0	6.2	6.6	8.0	8.8	8.4		6.0	7.5	8.1	8.3	8.1	24.0		
26.0	5.8	6.0	7.5	7.6	7.4		5.5	6.9	7.0	7.2	7.0	26.0		
28.0	5.0	5.5	6.8	6.6	6.3		5.0	6.4	6.4	6.2	6.0	28.0		
30.0							4.7	5.7	6.0	5.4	5.1	30.0		
32.0							4.0	4.8	5.2	4.7	4.3	32.0		
Reeving	6						5					Reeving		
Hook	60t											Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 8 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 23 tons counterweight, over full range														
Radius (m)	Boom length (m)											Radius (m)		
	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★			
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0	16.5	19.0	22.0	24.0									9.0	
10.0	15.2	17.5	20.6	22.0	15.5	18.2	19.5						10.0	
11.0	14.0	16.0	18.5	20.0	14.3	16.8	18.0	13.0	14.5				11.0	
12.0	13.0	15.0	17.6	18.5	13.5	16.2	17.2	12.5	14.0				12.0	
14.0	11.2	13.3	15.3	16.5	12.0	14.0	15.5	11.5	12.5	10.5	9.8		14.0	
16.0	10.0	11.6	13.7	14.5	10.8	12.5	13.5	10.5	11.5	9.7	9.0		16.0	
18.0	8.9	10.3	12.2	12.6	9.5	11.4	12.0	10.1	11.0	9.0	8.5		18.0	
20.0	8.0	9.2	11.0	10.8	8.5	10.2	10.7	9.3	10.2	8.5	8.2		20.0	
22.0	7.4	8.4	9.4	9.6	7.8	9.0	9.0	8.5	9.2	8.0	7.7		22.0	
24.0	6.8	7.7	8.5	8.2	7.0	8.2	8.0	7.8	8.0	7.4	7.2		24.0	
26.0	6.2	7.1	7.5	7.0	6.5	7.2	7.2	7.0	7.0	6.7	6.6		26.0	
28.0	5.7	6.3	6.5	6.0	6.0	6.2	6.2	6.4	6.3	6.1	6.0		28.0	
30.0	5.3	5.5	5.7	5.1	5.5	5.8	5.4	5.6	5.6	5.5	5.5		30.0	
32.0	5.0	5.0	5.0	4.4	5.0	5.2	4.6	5.0	4.9	5.1	5.0		32.0	
34.0	4.5	4.3	4.3	3.7	4.5	4.5	4.0	4.6	4.3	4.6	4.5		34.0	
36.0	3.7	4.0	3.7	3.2	4.0	4.0	3.4	4.3	3.7	4.0	4.3		36.0	
38.0					3.5	3.5	2.9	3.8	3.2	3.5	3.7		38.0	
40.0					3.3	3.0	2.5	3.4	2.8	3.2	3.2		40.0	
42.0								3.0	2.4	2.8	2.8		42.0	
44.0								2.6	2.0	2.4	2.4		44.0	
46.0										2.0	2.1		46.0	
48.0										1.7	1.8		48.0	
50.0											1.5		50.0	
Reeving	4					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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 9 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 19 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1			21.1★
2.5		110.0**											2.5	
3.0		80.0*	39.0	60.0	70.0	70.0		24.0	42.0	59.0	65.0	65.0	3.0	
3.5		78.0*	37.0	59.0	70.0	70.0		23.0	41.0	57.0	65.0	65.0	3.5	
4.0		76.0*	35.0	57.5	70.0	70.0		22.0	40.0	55.0	65.0	65.0	4.0	
4.5		70.0*	32.5	54.5	65.0	65.0		21.0	38.0	51.0	65.0	65.0	4.5	
5.0		65.0	30.5	51.0	60.0	60.0		20.0	36.0	48.0	60.0	60.0	5.0	
5.5		60.0	28.5	48.0	57.0	57.0		19.0	33.0	44.0	56.0	56.0	5.5	
6.0		57.0	27.6	45.0	54.0	54.0		18.0	31.0	42.0	52.0	52.0	6.0	
7.0		47.5	24.5	41.0	46.0	46.0		16.0	28.0	36.5	45.0	45.0	7.0	
8.0		41.0	22.3	36.0	40.0	40.0		15.0	25.0	34.0	40.0	40.0	8.0	
9.0		36.5	20.8	32.5	36.0	36.0		13.5	23.5	30.0	36.5	36.5	9.0	
10.0			19.0	29.5	32.5	32.0		12.5	21.5	27.5	32.5	31.0	10.0	
11.0			18.5	27.5	27.0	27.0		11.5	20.0	25.0	27.5	26.5	11.0	
12.0			17.5	24.0	23.5	23.0		11.0	19.0	23.0	23.6	22.5	12.0	
14.0								9.5	16.0	19.2	18.2	17.0	14.0	
16.0								8.7	14.0	15.3	14.5	13.3	16.0	
Reeving		12	12					10					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 10 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 19 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0		25.0	27.0	42.0	51.0	51.0							4.0	
4.5		24.0	25.5	41.0	49.0	51.0							4.5	
5.0		23.0	24.5	39.0	46.0	51.0		21.0	25.0	27.7	43.0	44.0	5.0	
5.5		22.0	23.5	37.0	44.0	51.0		20.0	24.0	26.0	41.0	44.0	5.5	
6.0		21.0	22.0	35.5	42.0	51.0		19.5	23.0	24.5	39.5	44.0	6.0	
7.0		19.5	19.5	33.0	39.0	48.0		17.0	20.5	21.5	37.0	44.0	7.0	
8.0		17.0	17.0	30.0	37.0	42.0		15.5	18.5	19.7	34.0	40.0	8.0	
9.0		15.5	15.5	27.0	35.0	37.0		14.0	17.0	18.0	32.0	37.0	9.0	
10.0		14.0	14.3	24.5	32.0	32.0		13.0	15.5	16.5	29.5	33.0	10.0	
11.0		13.0	13.2	22.5	27.0	27.0		11.5	14.5	15.0	26.5	27.5	11.0	
12.0		12.0	12.3	21.0	24.0	23.5		11.0	13.5	14.0	24.5	24.0	12.0	
14.0		10.5	10.8	18.0	19.0	18.0		9.5	12.0	12.3	20.0	18.5	14.0	
16.0		9.3	9.7	16.0	15.0	14.0		8.4	10.5	11.0	16.0	15.0	16.0	
18.0		8.3	8.7	13.4	12.5	11.3		7.5	9.5	9.8	13.3	12.0	18.0	
20.0		7.5	7.7	11.0	10.0	9.0		6.8	8.5	8.8	11.2	10.0	20.0	
22.0								6.2	7.5	8.0	9.5	8.3	22.0	
24.0								5.3	7.0	6.8	8.0	7.0	24.0	
Reeving		8						7					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 11 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 19 tons counterweight, over full range																
Radius (m)		Boom length (m)											Radius (m)			
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3	38.3★				
3.0														3.0		
3.5														3.5		
4.0														4.0		
4.5														4.5		
5.0														5.0		
5.5														5.5		
6.0		20.2	22.0	27.0	29.5	40.0								6.0		
7.0		18.5	20.0	24.5	27.0	37.5		17.5	21.5	25.5	29.5	30.6		7.0		
8.0		17.0	18.0	21.0	24.5	34.0		16.0	19.5	23.0	27.5	28.3		8.0		
9.0		15.5	16.5	19.3	22.3	32.5		14.5	18.0	21.0	24.8	25.3		9.0		
10.0		14.0	15.0	17.5	20.5	31.5		13.5	16.6	19.4	23.0	23.0		10.0		
11.0		13.0	14.0	16.0	18.5	28.0		12.3	15.2	17.5	20.8	21.0		11.0		
12.0		12.2	13.0	15.2	17.5	25.0		11.5	14.1	16.2	19.3	19.5		12.0		
14.0		10.5	11.2	13.2	15.2	19.5		10.0	12.3	14.0	16.8	16.8		14.0		
16.0		9.2	10.0	11.8	13.4	15.5		9.0	11.0	12.2	15.0	15.0		16.0		
18.0		8.2	9.0	10.5	12.0	12.8		8.0	10.0	11.0	12.8	12.3		18.0		
20.0		7.4	8.0	9.5	10.7	10.5		7.1	9.0	9.8	10.6	10.2		20.0		
22.0		6.8	7.3	8.6	9.5	9.0		6.5	8.0	9.0	9.0	8.5		22.0		
24.0		6.2	6.6	8.0	8.2	7.6		6.0	7.5	8.0	7.6	7.2		24.0		
26.0		5.8	6.0	6.9	6.9	6.5		5.5	6.9	7.0	6.5	6.2		26.0		
28.0		5.0	5.5	6.1	5.9	5.6		5.0	6.4	6.0	5.6	5.2		28.0		
30.0								4.7	5.7	5.3	4.8	4.5		30.0		
32.0								4.0	4.7	4.6	4.0	3.7		32.0		
Reeving		6							5						Reeving	
Hook		60t												Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode		
	II	1	1	2	3	2		1	2	3	3	2	II			
	III	2	3	3	2	2		3	3	3	2	2	III			
	IV	3	3	2	2	2		3	3	2	2	2	IV			
	V	3	2	2	2	2		3	2	2	2	2	V			

Table 12 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 19 tons counterweight, over full range															
Radius (m)		Boom length (m)											Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
5.5													5.5		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0		16.5	19.0	22.0	24.0								9.0		
10.0		15.2	17.5	20.6	22.0	15.5	18.2	19.5					10.0		
11.0		14.0	16.0	18.5	20.0	14.3	16.8	18.0	13.0	14.5			11.0		
12.0		13.0	15.0	17.6	18.5	13.5	16.2	17.2	12.5	14.0			12.0		
14.0		11.2	13.3	15.3	16.5	12.0	14.0	15.5	11.5	12.5	10.5	9.8	14.0		
16.0		10.0	11.6	13.7	14.5	10.8	12.5	13.5	10.5	11.5	9.7	9.0	16.0		
18.0		8.9	10.3	12.2	12.4	9.5	11.4	12.0	10.1	11.0	9.0	8.5	18.0		
20.0		8.0	9.2	10.8	10.2	8.5	10.2	10.7	9.3	10.2	8.5	8.2	20.0		
22.0		7.4	8.4	9.1	8.6	7.8	9.0	9.0	8.5	9.2	8.0	7.7	22.0		
24.0		6.8	7.7	7.7	7.3	7.0	7.9	7.6	7.8	8.0	7.4	7.2	24.0		
26.0		6.2	7.1	6.7	6.2	6.5	7.0	6.4	7.0	6.8	6.7	6.6	26.0		
28.0		5.7	6.3	5.8	5.3	6.0	6.1	5.5	6.4	5.8	6.1	6.0	28.0		
30.0		5.3	5.5	5.0	4.5	5.5	5.3	4.7	5.6	5.0	5.4	5.5	30.0		
32.0		5.0	5.0	4.3	3.8	5.0	4.6	4.0	5.0	4.3	4.7	4.7	32.0		
34.0		4.5	4.3	3.7	3.2	4.5	4.0	3.5	4.4	3.7	4.1	4.1	34.0		
36.0		3.7	3.8	3.2	2.6	4.0	3.5	3.0	3.8	3.2	3.6	3.6	36.0		
38.0						3.7	3.0	2.5	3.3	2.8	3.1	3.1	38.0		
40.0						3.2	2.5	2.0	3.0	2.4	2.7	2.7	40.0		
42.0									2.6	2.0	2.3	2.4	42.0		
44.0									2.2	1.6	1.9	2.0	44.0		
46.0											1.7	1.8	46.0		
48.0											1.3	1.4	48.0		
50.0												1.1	50.0		
Reeving		4					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	2	3	3	3	3	3	3	4	III		
	IV	3	3	2	2	3	3	2	3	3	3	4	IV		
	V	3	2	2	2	3	2	2	3	2	3	4	V		

Table 13 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 15 tons counterweight, over full range														
Radius		Boom length (m)										Radius		
(m)	12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★	(m)		
2.5	110.0**											2.5		
3.0	80.0*	39.0	60.0	70.0	70.0		24.0	42.0	59.0	65.0	65.0	3.0		
3.5	78.0*	37.0	59.0	70.0	70.0		23.0	41.0	57.0	65.0	65.0	3.5		
4.0	76.0*	35.0	57.5	70.0	70.0		22.0	40.0	55.0	65.0	65.0	4.0		
4.5	70.0*	32.5	54.5	65.0	65.0		21.0	38.0	51.0	65.0	65.0	4.5		
5.0	65.0	30.5	51.0	60.0	60.0		20.0	36.0	48.0	60.0	60.0	5.0		
5.5	60.0	28.5	48.0	57.0	57.0		19.0	33.0	44.0	56.0	56.0	5.5		
6.0	56.0	27.6	45.0	54.0	54.0		18.0	31.0	42.0	52.0	52.0	6.0		
7.0	46.0	24.5	41.0	46.0	46.0		16.0	28.0	36.5	45.0	45.0	7.0		
8.0	40.0	22.3	36.0	40.0	40.0		15.0	25.0	34.0	40.0	40.0	8.0		
9.0	33.0	20.8	32.5	34.5	34.0		13.5	23.5	30.0	35.0	33.5	9.0		
10.0		19.0	29.0	28.5	28.0		12.5	21.5	27.5	29.0	27.5	10.0		
11.0		18.5	24.5	24.0	23.5		11.5	20.0	25.0	24.5	23.0	11.0		
12.0		17.5	21.0	20.5	20.0		11.0	19.0	21.7	21.0	19.5	12.0		
14.0							9.5	16.0	16.7	16.0	14.7	14.0		
16.0							8.7	13.8	13.3	12.6	11.3	16.0		
Reeving		12	12					10					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 14 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 15 tons counterweight, over full range														
Radius (m)		Boom length (m)											Radius (m)	
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7	29.7★		
3.0														3.0
3.5														3.5
4.0		25.0	27.0	42.0	51.0	51.0								4.0
4.5		24.0	25.5	41.0	49.0	51.0								4.5
5.0		23.0	24.5	39.0	46.0	51.0		21.0	25.0	27.7	43.0	44.0		5.0
5.5		22.0	23.5	37.0	44.0	51.0		20.0	24.0	26.0	41.0	44.0		5.5
6.0		21.0	22.0	35.5	42.0	51.0		19.5	23.0	24.5	39.5	44.0		6.0
7.0		19.5	19.5	33.0	39.0	48.0		17.0	20.5	21.5	37.0	44.0		7.0
8.0		17.0	17.0	30.0	37.0	42.0		15.5	18.5	19.7	34.0	40.0		8.0
9.0		15.5	15.5	27.0	35.0	34.5		14.0	17.0	18.0	32.0	35.0		9.0
10.0		14.0	14.3	24.5	30.0	28.5		13.0	15.5	16.5	28.0	29.0		10.0
11.0		13.0	13.2	22.5	25.5	24.0		11.5	14.5	15.0	26.0	24.5		11.0
12.0		12.0	12.3	21.0	22.0	20.5		11.0	13.5	14.0	22.8	21.5		12.0
14.0		10.5	10.8	18.0	17.0	15.5		9.5	12.0	12.3	17.7	16.5		14.0
16.0		9.3	9.7	14.4	13.5	12.2		8.4	10.5	11.0	14.2	13.0		16.0
18.0		8.3	8.7	11.8	11.0	9.8		7.5	9.5	9.8	11.7	10.5		18.0
20.0		7.5	7.7	10.0	9.1	7.9		6.8	8.5	8.8	9.8	8.6		20.0
22.0								6.2	7.5	8.0	8.3	7.1		22.0
24.0								5.3	7.0	6.8	7.1	5.9		24.0
Reeving		8						7					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 15 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 15 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0		20.2	22.0	27.0	29.5	40.0							6.0	
7.0		18.5	20.0	24.5	27.0	37.5		17.5	21.5	25.5	29.5	30.6	7.0	
8.0		17.0	18.0	21.0	24.5	34.0		16.0	19.5	23.0	27.5	28.3	8.0	
9.0		15.5	16.5	19.3	22.3	32.5		14.5	18.0	21.0	24.8	25.3	9.0	
10.0		14.0	15.0	17.5	20.5	30.0		13.5	16.6	19.4	23.0	23.0	10.0	
11.0		13.0	14.0	16.0	18.5	25.8		12.3	15.2	17.5	20.8	21.0	11.0	
12.0		12.2	13.0	15.2	17.5	22.2		11.5	14.1	16.2	19.3	19.5	12.0	
14.0		10.5	11.2	13.2	15.2	17.2		10.0	12.3	14.0	16.5	16.8	14.0	
16.0		9.2	10.0	11.8	13.4	13.7		9.0	11.0	12.2	13.7	13.3	16.0	
18.0		8.2	9.0	10.5	11.6	11.2		8.0	10.0	11.0	11.2	10.8	18.0	
20.0		7.4	8.0	9.5	9.7	9.3		7.1	9.0	9.7	9.2	8.9	20.0	
22.0		6.8	7.3	8.4	8.2	7.8		6.5	8.0	8.4	7.7	7.4	22.0	
24.0		6.2	6.6	7.2	7.0	6.6		6.0	6.9	7.2	6.5	6.2	24.0	
26.0		5.8	6.0	6.2	6.0	5.6		5.5	6.4	6.1	5.5	5.2	26.0	
28.0		5.0	5.2	5.3	5.1	4.7		5.0	5.6	5.3	4.7	4.3	28.0	
30.0								4.7	4.9	4.6	4.0	3.6	30.0	
32.0								4.0	4.3	4.0	3.4	3.0	32.0	
Reeving		6						5					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 16 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 15 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★			58.5★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0		16.5	19.0	22.0	24.0								9.0	
10.0		15.2	17.5	20.6	22.0	15.5	18.2	19.5					10.0	
11.0		14.0	16.0	18.5	20.0	14.3	16.8	18.0	13.0	14.5			11.0	
12.0		13.0	15.0	17.6	18.5	13.5	16.2	17.2	12.5	14.0			12.0	
14.0		11.2	13.3	15.0	15.8	12.0	14.0	15.0	11.5	12.5	10.5	9.8	14.0	
16.0		10.0	11.6	13.0	13.4	10.8	12.0	12.8	10.5	11.5	9.7	9.0	16.0	
18.0		8.9	10.3	11.5	11.0	9.5	11.0	11.1	10.1	11.0	9.0	8.5	18.0	
20.0		8.0	9.2	9.5	8.9	8.5	9.4	9.2	9.0	9.5	8.5	8.2	20.0	
22.0		7.4	8.2	8.0	7.4	7.8	8.3	7.7	8.0	8.0	8.0	7.6	22.0	
24.0		6.8	7.2	6.7	6.2	7.0	7.0	6.4	7.2	6.8	7.0	7.0	24.0	
26.0		6.2	6.4	5.7	5.2	6.5	6.0	5.4	6.4	5.8	6.1	6.1	26.0	
28.0		5.6	5.5	4.9	4.4	6.0	5.2	4.6	5.5	4.9	5.2	5.2	28.0	
30.0		5.0	4.8	4.2	3.7	5.0	4.5	3.9	4.8	4.2	4.5	4.5	30.0	
32.0		4.5	4.2	3.6	3.0	4.5	3.8	3.3	4.2	3.5	3.9	3.9	32.0	
34.0		4.1	3.6	3.0	2.5	4.0	3.3	2.7	3.6	3.0	3.3	3.3	34.0	
36.0		3.6	3.2	2.5	2.0	3.5	2.8	2.2	3.2	2.5	2.8	2.8	36.0	
38.0						3.1	2.4	1.8	2.7	2.1	2.4	2.4	38.0	
40.0						2.7	2.0	1.4	2.3	1.7	1.9	2.0	40.0	
42.0									2.0	1.4	1.6	1.6	42.0	
44.0									1.7	1.1	1.3	1.3	44.0	
46.0											1.1	1.1	46.0	
Reeving		4				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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 17 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 11 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1			21.1★
2.5		110.0**											2.5	
3.0		80.0*	39.0	60.0	70.0	70.0		24.0	42.0	59.0	65.0	65.0	3.0	
3.5		78.0*	37.0	59.0	70.0	70.0		23.0	41.0	57.0	65.0	65.0	3.5	
4.0		76.0*	35.0	57.5	70.0	70.0		22.0	40.0	55.0	65.0	65.0	4.0	
4.5		70.0*	32.5	54.5	65.0	65.0		21.0	38.0	51.0	65.0	65.0	4.5	
5.0		61.0	30.5	51.0	60.0	60.0		20.0	36.0	48.0	60.0	60.0	5.0	
5.5		56.0	28.5	48.0	57.0	57.0		19.0	33.0	44.0	56.0	56.0	5.5	
6.0		52.0	27.6	45.0	54.0	54.0		18.0	31.0	42.0	52.0	52.0	6.0	
7.0		43.0	24.5	40.5	46.0	46.0		16.0	28.0	36.5	45.0	45.0	7.0	
8.0		36.0	22.3	36.0	38.5	37.5		15.0	25.0	33.5	39.0	37.5	8.0	
9.0		29.0	20.8	31.5	31.0	30.0		13.5	23.5	29.5	31.0	29.5	9.0	
10.0			19.0	26.0	25.5	24.5		12.5	21.5	26.5	25.5	24.0	10.0	
11.0			18.5	21.5	21.0	20.5		11.5	20.0	22.5	21.5	20.0	11.0	
12.0			17.5	18.5	18.0	17.5		11.0	19.0	19.3	18.5	17.0	12.0	
14.0								9.5	15.1	14.7	13.9	12.5	14.0	
16.0								8.7	12.0	11.5	10.8	9.5	16.0	
Reeving		12	12					10					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table18 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 11 tons counterweight, over full range																
Radius (m)		Boom length (m)											Radius (m)			
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7	29.7★				
3.0														3.0		
3.5														3.5		
4.0		25.0	27.0	42.0	51.0	51.0								4.0		
4.5		24.0	25.5	41.0	49.0	51.0								4.5		
5.0		23.0	24.5	39.0	46.0	51.0		21.0	25.0	27.7	43.0	44.0		5.0		
5.5		22.0	23.5	37.0	44.0	51.0		20.0	24.0	26.0	41.0	44.0		5.5		
6.0		21.0	22.0	35.5	42.0	51.0		19.5	23.0	24.5	39.5	44.0		6.0		
7.0		19.5	19.5	33.0	39.0	45.0		17.0	20.5	21.5	37.0	44.0		7.0		
8.0		17.0	17.0	30.0	37.0	38.0		15.5	18.5	19.7	34.0	39.5		8.0		
9.0		15.5	15.5	27.0	32.0	30.0		14.0	17.0	18.0	31.0	31.5		9.0		
10.0		14.0	14.3	24.5	26.5	25.0		13.0	15.5	16.5	27.5	26.0		10.0		
11.0		13.0	13.2	22.5	22.2	20.7		11.5	14.5	15.0	23.0	21.5		11.0		
12.0		12.0	12.3	20.0	19.0	17.6		11.0	13.5	14.0	20.0	18.5		12.0		
14.0		10.5	10.8	15.5	14.5	13.1		9.5	12.0	12.3	15.5	14.0		14.0		
16.0		9.3	9.7	12.2	11.3	10.1		8.4	10.5	11.0	12.0	10.8		16.0		
18.0		8.3	8.7	10.2	9.3	8.1		7.5	9.5	9.6	10.0	8.8		18.0		
20.0		7.5	7.7	8.2	7.5	6.3		6.8	8.5	8.6	8.3	7.1		20.0		
22.0								6.2	7.4	7.4	6.9	5.7		22.0		
24.0								5.3	6.3	6.3	5.8	4.6		24.0		
Reeving		8							7						Reeving	
Hook		60t												Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode		
	II	1	1	1	2	2		1	1	1	2	2	II			
	III	1	1	2	2	2		1	2	3	2	2	III			
	IV	2	3	2	2	1		3	3	2	2	2	IV			
	V	3	2	2	1	1		3	2	2	2	1	V			

Table 19 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 11 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0		20.2	22.0	27.0	29.5	40.0							6.0	
7.0		18.5	20.0	24.5	27.0	37.5		17.5	21.5	25.5	29.5	30.6	7.0	
8.0		17.0	18.0	21.0	24.5	34.0		16.0	19.5	23.0	27.5	28.3	8.0	
9.0		15.5	16.5	19.3	22.3	31.0		14.5	18.0	21.0	24.8	25.3	9.0	
10.0		14.0	15.0	17.5	20.5	27.0		13.5	16.6	19.4	23.0	23.0	10.0	
11.0		13.0	14.0	16.0	18.5	22.5		12.3	15.2	17.5	20.5	21.0	11.0	
12.0		12.2	13.0	15.2	17.5	19.5		11.5	14.1	16.2	18.7	19.5	12.0	
14.0		10.5	11.2	13.2	15.2	14.9		10.0	12.3	14.0	15.0	14.5	14.0	
16.0		9.2	10.0	11.8	12.0	11.5		9.0	11.0	12.0	11.8	11.5	16.0	
18.0		8.2	9.0	10.0	10.0	9.5		8.0	9.5	10.2	9.5	9.2	18.0	
20.0		7.4	8.0	8.5	8.2	7.8		7.1	8.3	8.5	7.8	7.5	20.0	
22.0		6.8	7.0	7.1	6.8	6.4		6.5	7.5	7.1	6.5	6.1	22.0	
24.0		6.2	6.2	6.0	5.7	5.3		6.0	6.4	6.0	5.3	5.0	24.0	
26.0		5.8	5.5	5.0	4.8	4.4		5.5	5.4	5.0	4.4	4.1	26.0	
28.0		5.0	4.9	4.4	4.2	3.8		5.0	4.6	4.2	3.6	3.3	28.0	
30.0								4.5	4.0	3.6	3.0	2.6	30.0	
32.0								4.0	3.4	3.0	2.4	2.1	32.0	
Reeving		6						5					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 20 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 11 tons counterweight, over full range															
Radius (m)		Boom length (m)											Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★			
3.0														3.0	
3.5														3.5	
4.0														4.0	
4.5														4.5	
5.0														5.0	
5.5														5.5	
6.0														6.0	
7.0														7.0	
8.0														8.0	
9.0		16.5	19.0	22.0	24.0									9.0	
10.0		15.2	17.5	20.0	22.0	15.5	18.2	19.5						10.0	
11.0		14.0	16.0	18.0	20.0	14.3	16.8	18.0	13.0	14.5				11.0	
12.0		13.0	15.0	16.0	18.0	13.5	16.2	16.5	12.5	14.0				12.0	
14.0		11.2	12.5	14.0	14.5	12.0	13.0	14.0	11.5	12.5	10.5	9.8		14.0	
16.0		10.0	11.0	12.0	11.5	10.8	11.5	12.0	10.5	11.5	9.7	9.0		16.0	
18.0		8.9	10.0	9.8	9.2	9.5	10.1	9.5	9.3	10.0	9.0	8.5		18.0	
20.0		8.0	8.5	8.0	7.4	8.3	8.4	7.8	8.3	8.0	8.5	8.2		20.0	
22.0		7.4	7.3	6.6	6.1	7.2	7.0	6.4	7.4	6.7	7.1	7.3		22.0	
24.0		6.4	6.3	5.5	5.0	6.6	5.8	5.2	6.2	5.5	5.9	6.1		24.0	
26.0		5.4	5.2	4.6	4.1	5.7	4.9	4.3	5.2	4.6	4.9	5.1		26.0	
28.0		4.8	4.5	3.8	3.3	4.9	4.1	3.5	4.4	3.8	4.2	4.3		28.0	
30.0		4.2	3.8	3.2	2.7	4.2	3.5	2.9	3.7	3.1	3.5	3.6		30.0	
32.0		3.7	3.2	2.6	2.1	3.6	2.9	2.3	3.2	2.6	2.9	3.0		32.0	
34.0		3.2	2.7	2.1	1.6	3.1	2.4	1.8	2.7	2.1	2.4	2.5		34.0	
36.0		2.7	2.3	1.7	1.2	2.7	2.0	1.4	2.3	1.7	2.0	2.1		36.0	
38.0						2.3	1.6	1.0	1.9	1.3	1.6	1.7		38.0	
40.0									1.5	0.9	1.2	1.3		40.0	
42.0											0.9	1.0		42.0	
Reeving		4					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	2	3	3	3	3	3	3	4	III		
	IV	3	3	2	2	3	3	2	3	3	3	4	IV		
	V	3	2	2	2	3	2	2	3	2	3	4	V		

Table 21 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 7 tons counterweight,over full range														
Radius (m))		Boom length (m)										Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1			21.1★
2.5		110.0**											2.5	
3.0		80.0*	39.0	60.0	70.0	70.0		24.0	42.0	59.0	65.0	65.0	3.0	
3.5		78.0*	37.0	59.0	70.0	70.0		23.0	41.0	57.0	65.0	65.0	3.5	
4.0		74.0*	35.0	57.5	70.0	70.0		22.0	40.0	55.0	65.0	65.0	4.0	
4.5		66.0	32.5	54.5	65.0	65.0		21.0	38.0	51.0	65.0	65.0	4.5	
5.0		59.0	30.5	51.0	60.0	60.0		20.0	36.0	48.0	60.0	60.0	5.0	
5.5		54.0	28.5	48.0	57.0	57.0		19.0	33.0	44.0	56.0	56.0	5.5	
6.0		50.0	27.6	45.0	54.0	54.0		18.0	31.0	42.0	52.0	52.0	6.0	
7.0		42.0	24.5	40.0	45.0	44.0		16.0	28.0	36.5	45.0	44.0	7.0	
8.0		32.0	22.3	35.0	34.0	33.5		15.0	25.0	33.0	34.0	33.0	8.0	
9.0		25.0	20.8	27.5	27.0	26.5		13.5	23.5	28.0	27.0	26.0	9.0	
10.0			19.0	22.5	22.0	21.5		12.5	21.5	23.0	22.5	21.0	10.0	
11.0			18.5	19.0	18.5	18.0		11.5	20.0	19.5	18.5	17.0	11.0	
12.0			16.5	16.0	15.5	15.0		11.0	17.5	16.5	16.0	14.5	12.0	
14.0								9.5	13.0	12.5	12.0	10.5	14.0	
16.0								8.7	10.5	9.6	9.1	8.0	16.0	
Reeving		12	12					10					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 22 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 7 tons counterweight, over full range														
Radius (m)		Boom length (m)											Radius (m)	
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7	29.7★		
3.0														3.0
3.5														3.5
4.0		25.0	27.0	42.0	51.0	51.0								4.0
4.5		24.0	25.5	41.0	49.0	51.0								4.5
5.0		23.0	24.5	39.0	46.0	51.0		21.0	25.0	27.7	43.0	44.0		5.0
5.5		22.0	23.5	37.0	44.0	51.0		20.0	24.0	26.0	41.0	44.0		5.5
6.0		21.0	22.0	35.5	42.0	51.0		19.5	23.0	24.5	39.0	44.0		6.0
7.0		19.5	19.5	33.0	39.0	45.0		17.0	20.5	21.5	35.0	42.0		7.0
8.0		17.0	17.0	30.0	35.5	34.0		15.5	18.5	19.7	32.0	35.0		8.0
9.0		15.5	15.5	27.0	28.5	26.5		14.0	17.0	18.0	29.5	27.5		9.0
10.0		14.0	14.3	24.0	23.0	21.5		13.0	15.5	16.5	24.0	22.5		10.0
11.0		13.0	13.2	20.5	19.5	18.0		11.5	14.5	15.0	20.5	19.0		11.0
12.0		12.0	12.3	17.5	16.5	15.0		10.5	13.5	14.0	17.5	16.0		12.0
14.0		10.5	10.8	13.5	12.5	11.0		9.3	12.0	12.0	13.5	12.0		14.0
16.0		9.3	9.5	10.5	10.0	8.5		8.3	10.5	10.5	10.5	9.4		16.0
18.0		8.3	8.5	8.7	7.8	6.5		7.3	9.1	8.9	8.5	7.3		18.0
20.0		7.5	7.5	7.0	6.2	5.0		6.5	7.5	7.3	7.0	5.8		20.0
22.0								6.0	6.2	6.0	5.7	4.5		22.0
24.0								5.1	5.2	5.0	4.7	3.5		24.0
Reeving		8						7					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 23 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 7 tons counterweight, over full range														
Radius (m)		Boom length (m)											Radius (m)	
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3	38.3★		
3.0														3.0
3.5														3.5
4.0														4.0
4.5														4.5
5.0														5.0
5.5														5.5
6.0		20.2	22.0	27.0	29.5	40.0								6.0
7.0		18.5	20.0	24.5	27.0	37.5		17.5	21.5	25.5	29.5	30.6		7.0
8.0		17.0	18.0	21.0	24.5	33.5		16.0	19.5	23.0	27.5	28.3		8.0
9.0		15.5	16.5	19.3	22.3	29.0		14.5	18.0	21.0	24.8	25.3		9.0
10.0		14.0	15.0	17.5	20.5	23.8		13.5	16.6	19.4	23.0	23.0		10.0
11.0		13.0	14.0	16.0	18.5	20.0		12.3	15.2	17.5	20.2	19.6		11.0
12.0		12.2	13.0	15.2	17.5	17.0		11.5	14.1	16.2	17.1	16.7		12.0
14.0		10.5	11.2	13.2	13.5	13.0		10.0	12.0	13.8	13.0	12.5		14.0
16.0		9.2	10.0	11.0	10.6	10.1		9.0	10.5	10.8	10.1	9.7		16.0
18.0		8.2	8.5	8.8	8.5	8.0		8.0	9.1	8.7	8.0	7.6		18.0
20.0		7.4	7.4	7.1	6.8	6.4		7.1	7.4	7.0	6.4	6.0		20.0
22.0		6.7	6.3	5.8	5.6	5.2		6.2	6.2	5.8	5.1	4.8		22.0
24.0		5.6	5.3	4.8	4.6	4.2		5.4	5.1	4.7	4.1	3.8		24.0
26.0		4.8	4.4	4.0	3.8	3.4		4.8	4.3	3.9	3.3	3.0		26.0
28.0		4.1	3.7	3.3	3.1	2.7		4.1	3.6	3.2	2.6	2.3		28.0
30.0								3.5	3.0	2.6	2.0	1.7		30.0
32.0								3.0	2.5	2.1	1.5	1.2		32.0
Reeving		6						5					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 24 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 7 tons counterweight,over full range														
Radius (m)	Boom length (m)											Radius (m)		
	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★			
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0	16.5	19.0	22.0	24.0									9.0	
10.0	15.2	17.5	20.0	22.0	15.5	18.2	19.5						10.0	
11.0	14.0	16.0	18.0	19.5	14.3	16.8	18.0	13.0	14.5				11.0	
12.0	13.0	15.0	16.0	16.8	13.5	16.2	16.5	12.5	14.0				12.0	
14.0	11.2	12.5	13.2	12.6	12.0	13.0	13.0	11.5	12.5	10.5	9.8		14.0	
16.0	10.0	11.0	10.4	9.8	10.5	11.0	10.0	10.0	10.3	9.7	9.0		16.0	
18.0	8.5	9.0	8.2	7.6	9.0	8.6	7.9	9.0	8.3	8.8	8.5		18.0	
20.0	7.5	7.4	6.6	6.0	7.8	7.0	6.3	7.4	6.6	7.1	7.1		20.0	
22.0	6.6	6.1	5.4	4.8	6.4	5.6	5.0	6.1	5.4	5.8	5.8		22.0	
24.0	5.5	5.0	4.3	3.8	5.4	4.6	4.0	5.0	4.3	4.7	4.8		24.0	
26.0	4.7	4.2	3.5	3.0	4.5	3.8	3.2	4.2	3.5	3.9	4.0		26.0	
28.0	4.0	3.5	2.8	2.3	3.8	3.1	2.5	3.5	2.8	3.2	3.3		28.0	
30.0	3.4	2.9	2.2	1.7	3.2	2.5	1.9	2.9	2.2	2.6	2.7		30.0	
32.0	2.8	2.4	1.7	1.2	2.7	2.0	1.4	2.4	1.7	2.0	2.1		32.0	
34.0	2.4	2.0	1.3	0.9	2.3	1.6	1.0	1.9	1.3	1.6	1.7		34.0	
36.0								1.5	1.0	1.2	1.3		36.0	
38.0										1.0	1.1		38.0	
Reeving	4				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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 25 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 3 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1			21.1★
2.5		110.0**											2.5	
3.0		80.0*	39.0	60.0	70.0	70.0		24.0	42.0	59.0	65.0	65.0	3.0	
3.5		76.0*	37.0	59.0	70.0	70.0		23.0	41.0	57.0	65.0	65.0	3.5	
4.0		71.0*	35.0	57.5	70.0	70.0		22.0	40.0	55.0	65.0	65.0	4.0	
4.5		64.0	32.5	54.5	65.0	65.0		21.0	38.0	51.0	65.0	65.0	4.5	
5.0		58.0	30.5	51.0	60.0	60.0		20.0	36.0	48.0	60.0	60.0	5.0	
5.5		53.0	28.5	48.0	57.0	57.0		19.0	33.0	44.0	56.0	56.0	5.5	
6.0		49.0	27.6	45.0	54.0	54.0		18.0	31.0	41.0	52.0	52.0	6.0	
7.0		38.0	24.5	40.0	39.5	38.5		16.0	28.0	36.5	40.0	38.0	7.0	
8.0		28.0	22.3	30.0	29.5	29.0		15.0	25.0	31.0	30.0	28.0	8.0	
9.0		22.0	20.8	24.0	23.5	23.0		13.5	23.5	24.5	23.5	22.0	9.0	
10.0			19.0	19.5	19.0	18.5		12.5	21.0	20.0	19.0	17.6	10.0	
11.0			16.5	16.0	15.5	15.0		11.5	17.5	16.6	15.8	14.5	11.0	
12.0			14.0	13.5	13.0	12.5		11.0	15.0	14.1	13.3	12.0	12.0	
14.0								9.5	11.0	10.5	9.7	8.5	14.0	
16.0								8.7	8.5	8.0	7.2	6.0	16.0	
Reeving		12	12					10					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 26 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 3 tons counterweight, over full range														
Radius (m)		Boom length (m)											Radius (m)	
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7	29.7★		
3.0														3.0
3.5														3.5
4.0		25.0	27.0	42.0	51.0	51.0								4.0
4.5		24.0	25.5	41.0	49.0	51.0								4.5
5.0		23.0	24.5	39.0	46.0	51.0		21.0	25.0	27.7	43.0	44.0		5.0
5.5		22.0	23.5	37.0	44.0	51.0		20.0	24.0	26.0	41.0	44.0		5.5
6.0		21.0	22.0	35.5	42.0	51.0		19.5	23.0	24.5	39.0	44.0		6.0
7.0		19.5	19.5	31.0	39.0	39.0		17.0	20.5	21.5	35.0	40.0		7.0
8.0		17.0	17.0	28.7	31.0	29.0		15.5	18.5	19.7	31.0	30.0		8.0
9.0		15.5	15.5	25.6	24.5	23.0		14.0	17.0	18.0	25.5	24.0		9.0
10.0		14.0	14.3	21.0	20.0	18.6		13.0	15.5	16.5	21.0	19.5		10.0
11.0		13.0	13.2	17.7	16.6	15.3		11.5	14.5	15.0	17.5	16.0		11.0
12.0		12.0	12.2	15.1	14.1	12.8		10.5	13.5	13.5	15.0	13.5		12.0
14.0		10.5	10.7	11.5	10.5	9.2		9.3	11.5	11.5	11.4	10.0		14.0
16.0		9.3	9.3	8.9	8.0	6.7		8.3	9.3	9.0	8.7	7.4		16.0
18.0		7.5	7.3	7.0	6.1	4.8		7.3	7.4	7.2	7.8	5.6		18.0
20.0		6.0	5.8	5.5	4.7	3.5		6.5	6.0	5.8	5.4	4.2		20.0
22.0								5.3	4.9	4.7	4.3	3.1		22.0
24.0								4.4	4.0	3.8	3.4	2.2		24.0
Reeving		8						7					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 27 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 3 tons counterweight,over full range														
Radius (m)	Boom length (m)											Radius (m)		
	34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3	38.3★			
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0	20.2	22.0	27.0	29.5	40.0								6.0	
7.0	18.5	20.0	24.5	27.0	36.0		17.5	21.0	25.0	28.0	29.5		7.0	
8.0	17.0	18.0	21.0	24.5	31.5		16.0	19.0	22.0	25.5	27.0		8.0	
9.0	15.5	16.5	19.3	22.3	25.0		14.0	18.0	19.8	23.5	24.5		9.0	
10.0	14.0	15.0	17.5	20.5	20.5		13.0	16.0	18.2	20.5	20.0		10.0	
11.0	13.0	14.0	16.0	18.0	17.2		12.0	14.5	16.8	17.0	16.6		11.0	
12.0	12.2	13.0	15.2	15.2	14.6		11.0	13.5	15.4	14.5	14.1		12.0	
14.0	10.5	10.5	11.5	11.4	10.8		9.5	11.6	11.6	10.8	10.4		14.0	
16.0	9.2	9.1	9.0	8.7	8.2		8.4	9.4	8.9	8.2	7.8		16.0	
18.0	8.0	7.6	7.1	6.8	6.3		7.4	7.4	7.0	6.3	5.9		18.0	
20.0	6.5	6.1	5.7	5.4	5.0		6.5	6.0	5.6	4.9	4.5		20.0	
22.0	5.4	5.0	4.6	4.3	3.9		5.4	4.9	4.5	3.8	3.4		22.0	
24.0	4.5	4.1	3.7	3.4	3.0		4.5	3.9	3.6	3.0	2.6		24.0	
26.0	3.7	3.4	3.0	2.7	2.3		3.8	3.2	2.8	2.2	1.8		26.0	
28.0	3.1	2.8	2.4	2.1	1.7		3.1	2.6	2.2	1.7	1.3		28.0	
30.0							2.6	2.1	1.7	1.2	1.0		30.0	
Reeving	6						5					Reeving		
Hook	60t											Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 28 Lifting capacity table (with main boom only)

Unit: tons

Outriggers fully extended (8 m), with 3 tons counterweight, over full range														
Radius (m)		Boom length (m)											Radius (m)	
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0		16.5	19.0	21.0	23.0								9.0	
10.0		15.2	17.5	19.0	20.5	15.0	17.5	19.0					10.0	
11.0		14.0	16.0	17.5	16.5	14.0	16.0	17.5	13.0	14.5			11.0	
12.0		13.0	14.5	15.0	14.0	13.0	15.0	14.5	12.0	13.0			12.0	
14.0		11.0	12.0	11.0	10.5	11.0	11.5	10.7	11.0	10.5	10.5	9.0	14.0	
16.0		9.1	9.3	8.5	7.8	9.7	8.8	8.1	9.3	8.5	8.5	8.8	16.0	
18.0		7.9	7.3	6.6	6.0	7.8	6.9	6.2	7.4	6.6	7.0	7.0	18.0	
20.0		6.4	5.9	5.1	4.5	6.3	5.5	4.8	5.9	5.2	5.5	5.5	20.0	
22.0		5.3	4.8	4.0	3.5	5.1	4.3	3.7	4.8	4.0	4.5	4.5	22.0	
24.0		4.3	3.8	3.2	2.6	4.2	3.5	2.8	3.8	3.2	3.5	3.5	24.0	
26.0		3.6	3.1	2.5	1.9	3.5	2.7	2.1	3.1	2.4	2.8	2.8	26.0	
28.0		3.0	2.5	1.8	1.3	2.8	2.1	1.5	2.5	1.8	2.2	2.2	28.0	
30.0		2.5	2.0	1.3	1.0	2.3	1.6	1.0	2.0	1.3	1.7	1.7	30.0	
32.0									1.5	1.0	1.2	1.2	32.0	
34.0											1.0	1.0	34.0	
Reeving		4					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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 29 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 28 tons counterweight, over full range															
Radius (m)		Tip boom length: 3.0m; offset: 30°											Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★			
3.0		18.0												3.0	
3.5		16.0	16.0	16.0	16.0	16.0								3.5	
4.0		16.0	16.0	16.0	16.0	16.0								4.0	
4.5		16.0	16.0	16.0	16.0	16.0		16.0	16.0	16.0	16.0	16.0	16.0	4.5	
5.0		16.0	16.0	16.0	16.0	16.0		15.5	16.0	16.0	16.0	16.0	16.0	5.0	
5.5		16.0	16.0	16.0	16.0	16.0		15.0	16.0	16.0	16.0	16.0	16.0	5.5	
6.0		16.0	16.0	16.0	16.0	16.0		14.0	16.0	16.0	16.0	16.0	16.0	6.0	
7.0		16.0	15.5	16.0	16.0	16.0		13.0	16.0	16.0	16.0	16.0	16.0	7.0	
8.0		15.5	14.5	16.0	16.0	16.0		12.0	16.0	16.0	16.0	16.0	16.0	8.0	
9.0		15.0	14.0	16.0	16.0	16.0		11.0	15.0	16.0	16.0	16.0	16.0	9.0	
10.0		14.5	13.5	15.5	15.5	15.5		10.0	14.0	16.0	16.0	16.0	16.0	10.0	
11.0		14.0	12.5	15.0	15.0	15.0		9.5	13.5	16.0	16.0	16.0	16.0	11.0	
12.0		13.5	12.0	14.5	14.5	14.5		9.0	13.0	16.0	16.0	16.0	16.0	12.0	
14.0			11.0	14.0	14.0	14.0		8.0	12.0	15.5	15.5	15.0	15.0	14.0	
16.0								7.0	11.0	15.0	15.0	14.5	14.5	16.0	
18.0								6.5	10.5	14.0	14.0	13.5	13.5	18.0	
Reeving		3												Reeving	
Hook		18t (Optional)												Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode	
	II	1	1	1	1	2		1	1	1	2	2	II		
	III	1	1	1	2	1		1	1	2	2	1	III		
	IV	1	1	2	1	1		1	2	2	1	1	IV		
	V	1	2	1	1	1		3	2	1	1	1	V		

Table 30 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 28 tons counterweight,over full range															
Radius (m)		Tip boom length: 3.0m; offset: 30°											Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7	29.7★			
3.0														3.0	
3.5														3.5	
4.0														4.0	
4.5														4.5	
5.0														5.0	
5.5		16.0	16.0	16.0	16.0	16.0								5.5	
6.0		15.0	16.0	16.0	16.0	16.0								6.0	
7.0		14.0	15.0	16.0	16.0	16.0		13.5	16.0	16.0	16.0	16.0	16.0	7.0	
8.0		13.0	14.0	16.0	16.0	16.0		12.2	15.0	16.0	16.0	16.0	16.0	8.0	
9.0		12.0	13.0	16.0	16.0	16.0		11.2	14.0	15.0	16.0	16.0	16.0	9.0	
10.0		11.0	12.0	15.0	16.0	16.0		10.2	13.0	14.0	16.0	16.0	16.0	10.0	
11.0		10.5	11.0	14.5	16.0	16.0		9.5	12.0	13.0	16.0	16.0	16.0	11.0	
12.0		9.5	10.0	14.0	16.0	16.0		9.0	11.5	12.0	15.5	16.0	16.0	12.0	
14.0		8.5	9.0	13.0	16.0	16.0		8.0	10.0	10.5	14.5	16.0	16.0	14.0	
16.0		8.0	8.0	12.0	15.5	15.5		7.0	9.0	9.5	13.5	15.0	16.0	16.0	
18.0		7.5	7.5	11.5	14.5	14.0		6.0	8.0	8.5	12.5	13.5	16.0	18.0	
20.0		7.0	7.0	11.0	13.0	12.0		5.8	7.3	7.5	12.0	12.0	16.0	20.0	
22.0		6.5	6.5	10.5	11.0	10.0		5.3	6.6	6.8	11.0	10.5	16.0	22.0	
24.0								4.8	6.0	6.2	10.0	9.0	16.0	24.0	
26.0								4.5	5.6	5.8	9.0	8.0	16.0	26.0	
Reeving		3												Reeving	
Hook		18t (Optional)												Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode	
	II	1	1	1	2	2		1	1	1	2	2	II		
	III	1	1	2	2	2		1	2	3	2	2	III		
	IV	2	3	2	2	1		3	3	2	2	2	IV		
	V	3	2	2	1	1		3	2	2	2	1	V		

Table 31 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 28 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		34.0	34.0	34.0	34.0	34.0 ★		38.3	38.3	38.3	38.3			38.3 ★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0		12.5	14.0	16.0	16.0	16.0							8.0	
9.0		11.5	13.0	16.0	16.0	16.0		12.0	14.0	16.0	16.0	16.0	9.0	
10.0		10.5	12.0	15.0	16.0	16.0		11.0	13.0	15.5	16.0	16.0	10.0	
11.0		10.0	11.0	14.0	16.0	16.0		10.0	12.0	14.5	16.0	16.0	11.0	
12.0		9.5	10.0	13.0	15.0	16.0		9.5	11.5	13.5	16.0	16.0	12.0	
14.0		8.5	9.0	12.0	13.5	15.0		8.1	10.0	12.0	14.5	15.0	14.0	
16.0		7.5	8.0	10.5	12.0	14.0		7.2	9.0	10.5	13.0	13.5	16.0	
18.0		6.5	7.0	9.5	11.0	13.0		6.3	8.0	9.5	11.5	12.0	18.0	
20.0		6.0	6.5	8.5	10.0	12.0		5.7	7.0	8.5	10.5	11.0	20.0	
22.0		5.5	5.8	7.7	9.3	11.0		5.1	6.5	7.7	9.5	10.0	22.0	
24.0		5.0	5.3	7.0	8.5	9.5		4.6	6.0	7.2	8.9	9.1	24.0	
26.0		4.5	4.8	6.5	7.8	8.5		4.2	5.5	6.6	8.2	8.2	26.0	
28.0		4.2	4.5	6.0	7.2	7.5		3.8	5.1	6.0	7.4	7.0	28.0	
30.0		3.9	4.2	5.5	6.6	6.5		3.5	4.7	5.6	6.5	6.1	30.0	
32.0								3.2	4.2	5.2	5.7	5.4	32.0	
34.0								2.9	3.8	4.8	5.0	4.7	34.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 32 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 28 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★			58.5★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0													9.0	
10.0													10.0	
11.0		11.0	13.0	15.0	16.0								11.0	
12.0		10.0	12.0	14.0	15.5	10.5	12.0	13.0					12.0	
14.0		9.0	11.0	13.0	14.0	9.5	11.0	12.5	9.5	11.0			14.0	
16.0		8.0	9.5	11.5	12.5	8.5	10.0	11.5	8.5	10.0	8.5	8.0	16.0	
18.0		7.1	8.5	10.0	11.0	7.5	9.0	10.0	8.0	9.0	8.0	7.5	18.0	
20.0		6.4	7.7	9.1	10.0	7.0	8.1	9.1	7.5	8.2	7.5	7.0	20.0	
22.0		5.8	7.1	8.2	9.0	6.5	7.4	8.2	7.0	7.5	7.0	6.5	22.0	
24.0		5.2	6.5	7.6	8.2	5.7	6.7	7.6	6.5	7.0	6.5	6.0	24.0	
26.0		4.8	5.9	7.0	7.4	5.2	6.2	6.9	6.0	6.3	6.0	5.5	26.0	
28.0		4.4	5.3	6.5	6.8	4.8	5.7	6.2	5.5	5.7	5.5	5.0	28.0	
30.0		4.1	4.7	6.0	6.1	4.5	5.3	5.7	5.0	5.4	5.0	4.7	30.0	
32.0		3.8	4.4	5.6	5.4	4.2	4.9	5.2	4.5	5.0	4.7	4.4	32.0	
34.0		3.5	4.1	5.1	4.7	3.9	4.6	4.8	4.2	4.7	4.4	4.1	34.0	
36.0		3.3	3.9	4.5	4.1	3.6	4.3	4.3	3.9	4.3	4.1	3.8	36.0	
38.0		3.1	3.7	4.0	3.6	3.3	4.0	3.8	3.6	4.0	3.8	3.6	38.0	
40.0						3.1	3.6	3.3	3.4	3.6	3.5	3.4	40.0	
42.0						2.9	3.3	2.9	3.2	3.1	3.2	3.1	42.0	
44.0									3.0	2.7	2.9	2.8	44.0	
46.0									2.6	2.3	2.6	2.6	46.0	
48.0											2.3	2.3	48.0	
50.0											2.0	2.0	50.0	
52.0												1.7	52.0	
54.0												1.4	54.0	
Reeving		3				2							Reeving	
Hook		18t (optional)											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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 33 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 23 tons counterweight, over full range														
Radius (m)	Tip boom length: 3.0m; offset: 30°											Radius (m)		
	12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★			
3.0	18.0											3.0		
3.5	16.0	16.0	16.0	16.0	16.0							3.5		
4.0	16.0	16.0	16.0	16.0	16.0							4.0		
4.5	16.0	16.0	16.0	16.0	16.0		16.0	16.0	16.0	16.0	16.0	4.5		
5.0	16.0	16.0	16.0	16.0	16.0		15.5	16.0	16.0	16.0	16.0	5.0		
5.5	16.0	16.0	16.0	16.0	16.0		15.0	16.0	16.0	16.0	16.0	5.5		
6.0	16.0	16.0	16.0	16.0	16.0		14.0	16.0	16.0	16.0	16.0	6.0		
7.0	16.0	15.5	16.0	16.0	16.0		13.0	16.0	16.0	16.0	16.0	7.0		
8.0	15.5	14.5	16.0	16.0	16.0		12.0	16.0	16.0	16.0	16.0	8.0		
9.0	15.0	13.5	16.0	16.0	16.0		11.0	15.0	16.0	16.0	16.0	9.0		
10.0	14.5	13.0	15.5	15.5	15.5		10.0	14.0	16.0	16.0	16.0	10.0		
11.0	14.0	12.0	15.0	15.0	15.0		9.5	13.5	16.0	16.0	16.0	11.0		
12.0	13.5	11.5	14.5	14.5	14.5		9.0	13.0	16.0	16.0	16.0	12.0		
14.0		10.5	14.0	14.0	14.0		8.0	12.0	15.5	15.5	15.0	14.0		
16.0							7.0	11.0	15.0	15.0	14.0	16.0		
18.0							6.5	10.0	14.0	13.5	12.5	18.0		
Reeving	3											Reeving		
Hook	18t (Optional)											Hook		
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 34 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 23 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		25.4	25.4	25.4	25.4	25.4 ★		29.7	29.7	29.7	29.7			29.7 ★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5		16.0	16.0	16.0	16.0	16.0							5.5	
6.0		15.0	16.0	16.0	16.0	16.0							6.0	
7.0		14.0	15.0	16.0	16.0	16.0		13.5	16.0	16.0	16.0	16.0	7.0	
8.0		13.0	14.0	16.0	16.0	16.0		12.2	15.0	16.0	16.0	16.0	8.0	
9.0		12.0	13.0	16.0	16.0	16.0		11.2	14.0	15.0	16.0	16.0	9.0	
10.0		11.0	12.0	15.0	16.0	16.0		10.2	13.0	14.0	16.0	16.0	10.0	
11.0		10.5	11.0	14.5	16.0	16.0		9.5	12.0	13.0	16.0	16.0	11.0	
12.0		9.5	10.0	14.0	16.0	16.0		9.0	11.5	12.0	15.5	16.0	12.0	
14.0		8.5	9.0	13.0	16.0	16.0		8.0	10.0	10.5	14.5	16.0	14.0	
16.0		7.5	8.0	12.0	15.5	15.5		7.0	9.0	9.5	13.5	15.0	16.0	
18.0		6.5	7.0	11.0	14.0	13.0		6.0	8.0	8.5	12.5	13.5	18.0	
20.0		6.0	6.5	10.5	12.0	11.0		5.5	7.3	7.5	11.5	11.5	20.0	
22.0		5.5	6.0	10.0	10.0	9.0		5.0	6.6	6.8	10.5	9.5	22.0	
24.0								4.5	6.0	6.2	9.0	8.0	24.0	
26.0								4.2	5.6	5.8	8.0	7.0	26.0	
Reeving		3											Reeving	
Hook		18t (Optional)											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 35 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 23 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0		12.5	14.0	16.0	16.0	16.0							8.0	
9.0		11.5	13.0	16.0	16.0	16.0		12.0	14.0	16.0	16.0	16.0	9.0	
10.0		10.5	12.0	15.0	16.0	16.0		11.0	13.0	15.5	16.0	16.0	10.0	
11.0		10.0	11.0	14.0	16.0	16.0		10.0	12.0	14.5	16.0	16.0	11.0	
12.0		9.5	10.0	13.0	15.0	16.0		9.5	11.5	13.5	16.0	16.0	12.0	
14.0		8.5	9.0	12.0	13.5	15.0		8.1	10.0	12.0	14.5	15.0	14.0	
16.0		7.5	8.0	10.5	12.0	14.0		7.2	9.0	10.5	13.0	13.5	16.0	
18.0		6.5	7.0	9.5	11.0	13.0		6.3	8.0	9.5	11.5	12.0	18.0	
20.0		6.0	6.5	8.5	10.0	12.0		5.7	7.0	8.5	10.5	11.0	20.0	
22.0		5.5	5.8	7.7	9.0	10.0		5.1	6.5	7.7	9.5	10.0	22.0	
24.0		5.0	5.3	7.0	8.2	8.6		4.6	6.0	7.0	8.5	8.5	24.0	
26.0		4.5	4.8	6.5	7.5	7.5		4.2	5.5	6.4	7.5	7.3	26.0	
28.0		4.2	4.5	6.0	6.8	6.5		3.8	5.1	5.8	6.5	6.1	28.0	
30.0		3.9	4.2	5.5	6.0	5.5		3.5	4.7	5.3	5.5	5.3	30.0	
32.0								3.2	4.2	4.9	4.8	4.5	32.0	
34.0								2.9	3.8	4.5	4.1	3.9	34.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 36 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 23 tons counterweight, over full range														
Radius (m)	Tip boom length: 3.0m; offset: 30°											Radius (m)		
	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★			
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0												6.0		
7.0												7.0		
8.0												8.0		
9.0												9.0		
10.0												10.0		
11.0	11.0	13.0	15.0	16.0								11.0		
12.0	10.0	12.0	14.0	15.5	10.5	12.0	13.0					12.0		
14.0	9.0	11.0	13.0	14.0	9.5	11.0	12.5	9.5	11.0			14.0		
16.0	8.0	9.5	11.5	12.5	8.5	10.0	11.5	8.5	10.0	8.5	8.0	16.0		
18.0	7.1	8.5	10.0	11.0	7.5	9.0	10.0	8.0	9.0	8.0	7.5	18.0		
20.0	6.4	7.7	9.1	10.0	7.0	8.1	9.1	7.5	8.2	7.5	7.0	20.0		
22.0	5.8	7.1	8.2	9.0	6.5	7.4	8.2	7.0	7.5	7.0	6.5	22.0		
24.0	5.2	6.5	7.6	8.0	5.7	6.7	7.6	6.5	7.0	6.5	6.0	24.0		
26.0	4.8	5.9	7.0	7.2	5.2	6.1	6.9	6.0	6.3	6.0	5.5	26.0		
28.0	4.4	5.3	6.4	6.2	4.8	5.5	6.2	5.5	5.7	5.5	5.0	28.0		
30.0	4.1	4.7	5.8	5.2	4.5	5.1	5.5	5.0	5.2	5.0	4.7	30.0		
32.0	3.8	4.4	5.0	4.5	4.2	4.7	4.8	4.5	4.7	4.7	4.4	32.0		
34.0	3.5	4.1	4.3	3.8	3.9	4.3	4.1	4.2	4.2	4.4	4.1	34.0		
36.0	3.3	3.9	3.7	3.3	3.6	3.9	3.5	3.9	3.7	4.1	3.8	36.0		
38.0	3.1	3.7	3.2	2.9	3.3	3.5	3.0	3.6	3.2	3.8	3.5	38.0		
40.0					3.0	3.1	2.5	3.3	2.8	3.3	3.2	40.0		
42.0					2.8	2.7	2.0	3.0	2.4	2.9	2.8	42.0		
44.0								2.7	2.0	2.5	2.5	44.0		
46.0								2.4	1.7	2.1	2.2	46.0		
48.0										1.7	1.9	48.0		
50.0										1.4	1.6	50.0		
52.0											1.3	52.0		
Reeving	3					2						Reeving		
Hook	18t (Optional)											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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 37 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 19 tons counterweight, over full range														
Radius (m)	Tip boom length: 3.0m; offset: 30°											Radius (m)		
	12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★			
3.0	18.0											3.0		
3.5	16.0	16.0	16.0	16.0	16.0							3.5		
4.0	16.0	16.0	16.0	16.0	16.0							4.0		
4.5	16.0	16.0	16.0	16.0	16.0		16.0	16.0	16.0	16.0	16.0	4.5		
5.0	16.0	16.0	16.0	16.0	16.0		15.5	16.0	16.0	16.0	16.0	5.0		
5.5	16.0	16.0	16.0	16.0	16.0		15.0	16.0	16.0	16.0	16.0	5.5		
6.0	16.0	16.0	16.0	16.0	16.0		14.0	16.0	16.0	16.0	16.0	6.0		
7.0	16.0	15.5	16.0	16.0	16.0		13.0	16.0	16.0	16.0	16.0	7.0		
8.0	15.5	14.5	16.0	16.0	16.0		12.0	16.0	16.0	16.0	16.0	8.0		
9.0	15.0	13.5	16.0	16.0	16.0		11.0	15.0	16.0	16.0	16.0	9.0		
10.0	14.5	13.0	15.5	15.5	15.5		10.0	14.0	16.0	16.0	16.0	10.0		
11.0	14.0	12.0	15.0	15.0	15.0		9.5	13.5	16.0	16.0	16.0	11.0		
12.0	13.5	11.5	14.5	14.5	14.5		9.0	13.0	16.0	16.0	16.0	12.0		
14.0		10.5	14.0	14.0	14.0		8.0	12.0	15.5	15.5	15.0	14.0		
16.0							7.0	11.0	15.0	15.0	14.0	16.0		
18.0							6.5	10.0	13.0	12.3	11.3	18.0		
Reeving	3											Reeving		
Hook	18t (Optional)											Hook		
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 38 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 19 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		25.4	25.4	25.4	25.4	25.4 ★		29.7	29.7	29.7	29.7			29.7 ★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5		16.0	16.0	16.0	16.0	16.0							5.5	
6.0		15.0	16.0	16.0	16.0	16.0							6.0	
7.0		14.0	15.0	16.0	16.0	16.0		13.5	16.0	16.0	16.0	16.0	7.0	
8.0		13.0	14.0	16.0	16.0	16.0		12.2	15.0	16.0	16.0	16.0	8.0	
9.0		12.0	13.0	16.0	16.0	16.0		11.2	14.0	15.0	16.0	16.0	9.0	
10.0		11.0	12.0	15.0	16.0	16.0		10.2	13.0	14.0	16.0	16.0	10.0	
11.0		10.5	11.0	14.5	16.0	16.0		9.5	12.0	13.0	16.0	16.0	11.0	
12.0		9.5	10.0	14.0	16.0	16.0		9.0	11.5	12.0	15.5	16.0	12.0	
14.0		8.5	9.0	13.0	16.0	16.0		8.0	10.0	10.5	14.5	16.0	14.0	
16.0		7.5	8.0	12.0	15.5	14.5		7.0	9.0	9.5	13.5	15.0	16.0	
18.0		6.5	7.0	11.0	12.9	11.8		6.0	8.0	8.5	12.5	12.5	18.0	
20.0		6.0	6.5	10.5	10.7	9.7		5.5	7.3	7.5	11.3	10.2	20.0	
22.0		5.5	6.0	9.7	9.0	8.0		5.0	6.6	6.8	9.6	8.6	22.0	
24.0								4.5	6.0	6.2	8.2	7.2	24.0	
26.0								4.2	5.6	5.8	7.1	6.1	26.0	
Reeving		3											Reeving	
Hook		18t (Optional)											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 39 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 19 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		34.0	34.0	34.0	34.0	34.0 ★		38.3	38.3	38.3	38.3			38.3 ★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0		12.5	14.0	16.0	16.0	16.0							8.0	
9.0		11.5	13.0	16.0	16.0	16.0		12.0	14.0	16.0	16.0	16.0	9.0	
10.0		10.5	12.0	15.0	16.0	16.0		11.0	13.0	15.5	16.0	16.0	10.0	
11.0		10.0	11.0	14.0	16.0	16.0		10.0	12.0	14.5	16.0	16.0	11.0	
12.0		9.5	10.0	13.0	15.0	16.0		9.5	11.5	13.5	16.0	16.0	12.0	
14.0		8.5	9.0	12.0	13.5	15.0		8.1	10.0	12.0	14.5	15.0	14.0	
16.0		7.5	8.0	10.5	12.0	14.0		7.2	9.0	10.5	13.0	13.5	16.0	
18.0		6.5	7.0	9.5	11.0	13.0		6.3	8.0	9.5	11.5	12.0	18.0	
20.0		6.0	6.5	8.5	10.0	10.8		5.7	7.0	8.5	10.5	10.5	20.0	
22.0		5.5	5.8	7.7	9.0	9.2		5.1	6.5	7.7	9.1	8.8	22.0	
24.0		5.0	5.3	7.0	8.2	7.8		4.6	6.0	7.0	7.8	7.4	24.0	
26.0		4.5	4.8	6.5	7.1	6.7		4.2	5.5	6.4	6.6	6.3	26.0	
28.0		4.2	4.5	6.0	6.1	5.7		3.8	5.1	5.8	5.7	5.4	28.0	
30.0		3.9	4.2	5.5	5.2	4.9		3.5	4.7	5.3	4.9	4.6	30.0	
32.0								3.2	4.2	4.7	4.2	3.9	32.0	
34.0								2.9	3.8	4.1	3.6	3.3	34.0	
Reeving		3											Reeving	
Hook		18t (Optional)											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 40 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 19 tons counterweight, over full range													
Radius (m)	Tip boom length: 3.0m; offset: 30°											Radius (m)	
	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★		
3.0												3.0	
3.5												3.5	
4.0												4.0	
4.5												4.5	
5.0												5.0	
5.5												5.5	
6.0												6.0	
7.0												7.0	
8.0												8.0	
9.0												9.0	
10.0												10.0	
11.0	11.0	13.0	15.0	16.0								11.0	
12.0	10.0	12.0	14.0	15.5	10.5	12.0	13.0					12.0	
14.0	9.0	11.0	13.0	14.0	9.5	11.0	12.5	9.5	11.0			14.0	
16.0	8.0	9.5	11.5	12.5	8.5	10.0	11.5	8.5	10.0	8.5	8.0	16.0	
18.0	7.1	8.5	10.0	11.0	7.5	9.0	10.0	8.0	9.0	8.0	7.5	18.0	
20.0	6.4	7.7	9.1	10.0	7.0	8.1	9.1	7.5	8.2	7.5	7.0	20.0	
22.0	5.8	7.1	8.2	8.8	6.5	7.4	8.2	7.0	7.5	7.0	6.5	22.0	
24.0	5.2	6.5	7.6	7.5	5.7	6.7	7.6	6.5	7.0	6.5	6.0	24.0	
26.0	4.8	5.9	6.8	6.3	5.2	6.1	6.5	6.0	6.3	6.0	5.5	26.0	
28.0	4.4	5.3	5.8	5.4	4.8	5.5	5.6	5.5	5.7	5.5	5.0	28.0	
30.0	4.1	4.7	5.0	4.6	4.5	5.1	4.8	5.0	5.0	5.0	4.7	30.0	
32.0	3.8	4.4	4.3	3.9	4.2	4.7	4.1	4.5	4.3	4.7	4.4	32.0	
34.0	3.5	4.1	3.7	3.3	3.9	4.0	3.5	4.2	3.7	4.1	4.1	34.0	
36.0	3.3	3.8	3.2	2.7	3.6	3.5	2.9	3.8	3.2	3.5	3.6	36.0	
38.0	3.1	3.3	2.7	2.3	3.3	3.0	2.5	3.3	2.7	3.0	3.1	38.0	
40.0					3.0	2.6	2.1	2.9	2.3	2.6	2.7	40.0	
42.0					2.8	2.2	1.7	2.5	1.9	2.2	2.3	42.0	
44.0								2.1	1.6	1.9	2.0	44.0	
46.0								1.8	1.3	1.6	1.7	46.0	
48.0										1.3	1.4	48.0	
50.0										1.0	1.1	50.0	
Reeving	3					2							Reeving
Hook	18t (Optional)											Hook	
Telescoping mode	I	1	1	2	3	1	2	3	2	3	3	4	I
	II	2	3	3	3	3	3	3	3	3	3	4	II
	III	3	3	3	2	3	3	3	3	3	3	4	III
	IV	3	3	2	2	3	3	2	3	3	3	4	IV
	V	3	2	2	2	3	2	2	3	2	3	4	V
Telescoping mode													

Table 41 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 15 tons counterweight, over full range														
Radius (m)	Tip boom length: 3.0m; offset: 30°											Radius (m)		
	12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★			
3.0	18.0											3.0		
3.5	16.0	16.0	16.0	16.0	16.0							3.5		
4.0	16.0	16.0	16.0	16.0	16.0							4.0		
4.5	16.0	16.0	16.0	16.0	16.0		16.0	16.0	16.0	16.0	16.0	4.5		
5.0	16.0	16.0	16.0	16.0	16.0		15.5	16.0	16.0	16.0	16.0	5.0		
5.5	16.0	16.0	16.0	16.0	16.0		15.0	16.0	16.0	16.0	16.0	5.5		
6.0	16.0	16.0	16.0	16.0	16.0		14.0	16.0	16.0	16.0	16.0	6.0		
7.0	16.0	15.5	16.0	16.0	16.0		13.0	16.0	16.0	16.0	16.0	7.0		
8.0	15.5	14.5	16.0	16.0	16.0		12.0	16.0	16.0	16.0	16.0	8.0		
9.0	15.0	13.5	16.0	16.0	16.0		11.0	15.0	16.0	16.0	16.0	9.0		
10.0	14.5	13.0	15.5	15.5	15.5		10.0	14.0	16.0	16.0	16.0	10.0		
11.0	14.0	12.0	15.0	15.0	15.0		9.5	13.5	16.0	16.0	16.0	11.0		
12.0	13.5	11.5	14.5	14.5	14.5		9.0	13.0	16.0	16.0	16.0	12.0		
14.0		10.5	14.0	14.0	14.0		8.0	12.0	15.5	15.5	15.0	14.0		
16.0							7.0	11.0	14.0	13.5	12.5	16.0		
18.0							6.5	10.0	11.5	10.8	10.0	18.0		
Reeving	3											Reeving		
Hook	18t (Optional)											Hook		
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 1-42 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 15 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		25.4	25.4	25.4	25.4	25.4 ★		29.7	29.7	29.7	29.7			29.7 ★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5		16.0	16.0	16.0	16.0	16.0							5.5	
6.0		15.0	16.0	16.0	16.0	16.0							6.0	
7.0		14.0	15.0	16.0	16.0	16.0		13.5	16.0	16.0	16.0	16.0	7.0	
8.0		13.0	14.0	16.0	16.0	16.0		12.2	15.0	16.0	16.0	16.0	8.0	
9.0		12.0	13.0	16.0	16.0	16.0		11.2	14.0	15.0	16.0	16.0	9.0	
10.0		11.0	12.0	15.0	16.0	16.0		10.2	13.0	14.0	16.0	16.0	10.0	
11.0		10.5	11.0	14.5	16.0	16.0		9.5	12.0	13.0	16.0	16.0	11.0	
12.0		9.5	10.0	14.0	16.0	16.0		9.0	11.5	12.0	15.5	16.0	12.0	
14.0		8.5	9.0	13.0	16.0	16.0		8.0	10.0	10.5	14.5	16.0	14.0	
16.0		7.5	8.0	12.0	14.0	13.0		7.0	9.0	9.5	13.5	13.5	16.0	
18.0		6.5	7.0	11.0	11.5	10.5		6.0	8.0	8.5	12.0	11.0	18.0	
20.0		6.0	6.5	10.2	9.5	8.5		5.5	7.3	7.5	10.0	9.0	20.0	
22.0		5.5	6.0	8.7	8.0	7.0		5.0	6.6	6.8	8.6	7.5	22.0	
24.0								4.5	6.0	6.2	7.3	6.3	24.0	
26.0								4.2	5.6	5.8	6.3	5.2	26.0	
Reeving		3											Reeving	
Hook		18t (Optional)											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 43 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 15 tons counterweight,over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		34.0	34.0	34.0	34.0	34.0 ★		38.3	38.3	38.3	38.3			38.3 ★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0		12.5	14.0	16.0	16.0	16.0							8.0	
9.0		11.5	13.0	16.0	16.0	16.0		12.0	14.0	16.0	16.0	16.0	9.0	
10.0		10.5	12.0	15.0	16.0	16.0		11.0	13.0	15.5	16.0	16.0	10.0	
11.0		10.0	11.0	14.0	16.0	16.0		10.0	12.0	14.5	16.0	16.0	11.0	
12.0		9.5	10.0	13.0	15.0	16.0		9.5	11.5	13.5	16.0	16.0	12.0	
14.0		8.5	9.0	12.0	13.5	15.0		8.1	10.0	12.0	14.5	15.0	14.0	
16.0		7.5	8.0	10.5	12.0	14.0		7.2	9.0	10.5	13.0	13.5	16.0	
18.0		6.5	7.0	9.5	11.0	11.5		6.3	8.0	9.5	11.5	11.0	18.0	
20.0		6.0	6.5	8.5	10.0	9.6		5.7	7.0	8.5	9.6	9.3	20.0	
22.0		5.5	5.8	7.7	8.5	8.1		5.1	6.5	7.7	8.1	7.8	22.0	
24.0		5.0	5.3	7.0	7.2	6.8		4.6	6.0	7.0	6.8	6.5	24.0	
26.0		4.5	4.8	6.4	6.2	5.8		4.2	5.5	6.3	5.8	5.4	26.0	
28.0		4.2	4.5	5.5	5.3	4.9		3.8	5.1	5.4	4.9	4.6	28.0	
30.0		3.9	4.2	4.8	4.5	4.2		3.5	4.7	4.7	4.2	3.8	30.0	
32.0								3.2	4.2	4.0	3.5	3.2	32.0	
34.0								2.9	3.8	3.5	3.0	2.6	34.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 44 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 15 tons counterweight, over full range													
Radius (m)	Tip boom length: 3.0m; offset: 30°											Radius (m)	
	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★		
3.0												3.0	
3.5												3.5	
4.0												4.0	
4.5												4.5	
5.0												5.0	
5.5												5.5	
6.0												6.0	
7.0												7.0	
8.0												8.0	
9.0												9.0	
10.0												10.0	
11.0	11.0	13.0	15.0	16.0								11.0	
12.0	10.0	12.0	14.0	15.5	10.5	12.0	13.0					12.0	
14.0	9.0	11.0	13.0	14.0	9.5	11.0	12.5	9.5	11.0			14.0	
16.0	8.0	9.5	11.5	12.5	8.5	10.0	11.5	8.5	10.0	8.5	8.0	16.0	
18.0	7.1	8.5	10.0	11.0	7.5	9.0	10.0	8.0	9.0	8.0	7.5	18.0	
20.0	6.4	7.7	9.1	9.3	7.0	8.1	9.1	7.5	8.2	7.5	7.0	20.0	
22.0	5.8	7.1	8.2	7.8	6.5	7.4	8.0	7.0	7.5	7.0	6.5	22.0	
24.0	5.2	6.5	7.0	6.5	5.7	6.7	6.7	6.5	7.0	6.5	6.0	24.0	
26.0	4.8	5.9	5.9	5.5	5.2	6.1	5.7	6.0	6.0	6.0	5.5	26.0	
28.0	4.4	5.3	5.1	4.6	4.8	5.3	4.8	5.4	5.1	5.4	5.0	28.0	
30.0	4.1	4.7	4.2	3.8	4.5	4.6	4.0	4.9	4.3	4.6	4.7	30.0	
32.0	3.8	4.3	3.6	3.2	4.2	3.9	3.3	4.2	3.7	3.9	4.0	32.0	
34.0	3.5	3.7	3.1	2.7	3.9	3.4	2.8	3.7	3.1	3.4	3.5	34.0	
36.0	3.3	3.1	2.6	2.2	3.5	2.9	2.3	3.2	2.6	2.9	3.0	36.0	
38.0	3.1	2.8	2.2	1.7	3.1	2.4	1.9	2.8	2.2	2.4	2.5	38.0	
40.0					2.7	2.0	1.5	2.4	1.8	2.0	2.1	40.0	
42.0					2.3	1.7	1.2	2.0	1.4	1.6	1.7	42.0	
44.0								1.7	1.1	1.3	1.4	44.0	
46.0										1.0	1.1	46.0	
Reeving	3					2							Reeving
Hook	18t (Optional)											Hook	
Telescoping mode	I	1	1	2	3	1	2	3	2	3	3	4	I
	II	2	3	3	3	3	3	3	3	3	3	4	II
	III	3	3	3	2	3	3	3	3	3	3	4	III
	IV	3	3	2	2	3	3	2	3	3	3	4	IV
	V	3	2	2	2	3	2	2	3	2	3	4	V
Telescoping mode													

Table 45 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 11 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1			21.1★
3.0		18.0											3.0	
3.5		16.0	16.0	16.0	16.0	16.0							3.5	
4.0		16.0	16.0	16.0	16.0	16.0							4.0	
4.5		16.0	16.0	16.0	16.0	16.0		16.0	16.0	16.0	16.0	16.0	4.5	
5.0		16.0	16.0	16.0	16.0	16.0		15.5	16.0	16.0	16.0	16.0	5.0	
5.5		16.0	16.0	16.0	16.0	16.0		15.0	16.0	16.0	16.0	16.0	5.5	
6.0		16.0	16.0	16.0	16.0	16.0		14.0	16.0	16.0	16.0	16.0	6.0	
7.0		16.0	15.5	16.0	16.0	16.0		13.0	16.0	16.0	16.0	16.0	7.0	
8.0		15.5	14.5	16.0	16.0	16.0		12.0	16.0	16.0	16.0	16.0	8.0	
9.0		15.0	13.5	16.0	16.0	16.0		11.0	15.0	16.0	16.0	16.0	9.0	
10.0		14.5	13.0	15.5	15.5	15.5		10.0	14.0	16.0	16.0	16.0	10.0	
11.0		14.0	12.0	15.0	15.0	15.0		9.5	13.5	16.0	16.0	16.0	11.0	
12.0		13.5	11.5	14.5	14.5	14.5		9.0	13.0	16.0	16.0	16.0	12.0	
14.0			10.5	14.0	14.0	14.0		8.0	12.0	15.5	15.0	14.0	14.0	
16.0								7.0	11.0	12.5	11.8	10.8	16.0	
18.0								6.5	10.0	10.0	9.4	8.5	18.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 46 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 11 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5		16.0	16.0	16.0	16.0	16.0							5.5	
6.0		15.0	16.0	16.0	16.0	16.0							6.0	
7.0		14.0	15.0	16.0	16.0	16.0		13.5	16.0	16.0	16.0	16.0	7.0	
8.0		13.0	14.0	16.0	16.0	16.0		12.2	15.0	16.0	16.0	16.0	8.0	
9.0		12.0	13.0	16.0	16.0	16.0		11.2	14.0	15.0	16.0	16.0	9.0	
10.0		11.0	12.0	15.0	16.0	16.0		10.2	13.0	14.0	16.0	16.0	10.0	
11.0		10.5	11.0	14.5	16.0	16.0		9.5	12.0	13.0	16.0	16.0	11.0	
12.0		9.5	10.0	14.0	16.0	16.0		9.0	11.5	12.0	15.5	16.0	12.0	
14.0		8.5	9.0	13.0	15.5	14.5		8.0	10.0	10.5	14.5	15.0	14.0	
16.0		7.5	8.0	12.0	12.3	11.3		7.0	9.0	9.5	13.0	11.8	16.0	
18.0		6.5	7.0	10.7	10.0	9.0		6.0	8.0	8.5	10.5	9.5	18.0	
20.0		6.0	6.5	8.9	8.2	7.2		5.5	7.3	7.5	8.8	7.8	20.0	
22.0		5.5	6.0	7.5	6.8	5.8		5.0	6.6	6.8	7.3	6.3	22.0	
24.0								4.5	6.0	6.2	6.2	5.2	24.0	
26.0								4.2	5.6	5.5	5.2	4.2	26.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 47 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 11 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0		12.5	14.0	16.0	16.0	16.0							8.0	
9.0		11.5	13.0	16.0	16.0	16.0		12.0	14.0	16.0	16.0	16.0	9.0	
10.0		10.5	12.0	15.0	16.0	16.0		11.0	13.0	15.5	16.0	16.0	10.0	
11.0		10.0	11.0	14.0	16.0	16.0		10.0	12.0	14.5	16.0	16.0	11.0	
12.0		9.5	10.0	13.0	15.0	16.0		9.5	11.5	13.5	16.0	16.0	12.0	
14.0		8.5	9.0	12.0	13.5	15.0		8.1	10.0	12.0	14.5	15.0	14.0	
16.0		7.5	8.0	10.5	12.0	12.5		7.2	9.0	10.5	12.5	12.0	16.0	
18.0		6.5	7.0	9.5	10.5	10.0		6.3	8.0	9.5	10.1	9.7	18.0	
20.0		6.0	6.5	8.5	8.7	8.3		5.7	7.0	8.5	8.3	7.9	20.0	
22.0		5.5	5.8	7.5	7.3	6.9		5.1	6.5	7.4	6.8	6.5	22.0	
24.0		5.0	5.3	6.3	6.1	5.7		4.6	6.0	6.2	5.7	5.3	24.0	
26.0		4.5	4.8	5.3	5.1	4.7		4.2	5.5	5.3	4.7	4.4	26.0	
28.0		4.2	4.5	4.5	4.3	3.9		3.8	4.8	4.5	3.9	3.6	28.0	
30.0		3.9	4.2	3.8	3.6	3.2		3.5	4.1	3.8	3.2	2.9	30.0	
32.0								3.2	3.5	3.2	2.7	2.3	32.0	
34.0								2.9	3.0	2.7	2.1	1.8	34.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 48 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 11 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★			58.5★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0													9.0	
10.0													10.0	
11.0		11.0	13.0	15.0	16.0								11.0	
12.0		10.0	12.0	14.0	15.5	10.5	12.0	13.0					12.0	
14.0		9.0	11.0	13.0	14.0	9.5	11.0	12.5	9.5	11.0			14.0	
16.0		8.0	9.5	11.5	12.0	8.5	10.0	11.5	8.5	10.0	8.5	8.0	16.0	
18.0		7.1	8.5	10.0	9.7	7.5	9.0	10.0	8.0	9.0	8.0	7.5	18.0	
20.0		6.4	7.7	8.5	8.0	7.0	8.1	8.3	7.5	8.2	7.5	7.0	20.0	
22.0		5.8	7.1	7.0	6.5	6.5	7.4	6.8	7.0	7.1	7.0	6.5	22.0	
24.0		5.2	6.5	5.9	5.4	5.7	6.2	5.6	6.3	5.9	6.2	6.0	24.0	
26.0		4.8	5.5	4.9	4.4	5.2	5.2	4.6	5.6	4.9	5.2	5.3	26.0	
28.0		4.4	4.7	4.1	3.6	4.8	4.4	3.8	4.7	4.0	4.4	4.5	28.0	
30.0		4.1	4.0	3.4	2.9	4.3	3.7	3.1	4.0	3.4	3.7	3.8	30.0	
32.0		3.8	3.4	2.8	2.3	3.7	3.1	2.5	3.4	2.8	3.1	3.2	32.0	
34.0		3.3	2.9	2.3	1.8	3.2	2.6	2.0	2.9	2.3	2.6	2.7	34.0	
36.0		2.8	2.4	1.8	1.3	2.7	2.1	1.5	2.4	1.8	2.1	2.2	36.0	
38.0		2.4	2.0	1.5	1.0	2.3	1.7	1.2	2.0	1.4	1.7	1.8	38.0	
40.0									1.6	1.0	1.3	1.4	40.0	
42.0											1.0	1.1	42.0	
Reeving		3					2						Reeving	
Hook		18t (Optional)											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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 49 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 7 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1			21.1★
3.0		18.0											3.0	
3.5		16.0	16.0	16.0	16.0	16.0							3.5	
4.0		16.0	16.0	16.0	16.0	16.0							4.0	
4.5		16.0	16.0	16.0	16.0	16.0		16.0	16.0	16.0	16.0	16.0	4.5	
5.0		16.0	16.0	16.0	16.0	16.0		15.5	16.0	16.0	16.0	16.0	5.0	
5.5		16.0	16.0	16.0	16.0	16.0		15.0	16.0	16.0	16.0	16.0	5.5	
6.0		16.0	16.0	16.0	16.0	16.0		14.0	16.0	16.0	16.0	16.0	6.0	
7.0		16.0	15.5	16.0	16.0	16.0		13.0	16.0	16.0	16.0	16.0	7.0	
8.0		15.5	14.5	16.0	16.0	16.0		12.0	16.0	16.0	16.0	16.0	8.0	
9.0		15.0	13.5	16.0	16.0	16.0		11.0	15.0	16.0	16.0	16.0	9.0	
10.0		14.5	13.0	15.5	15.5	15.5		10.0	14.0	16.0	16.0	16.0	10.0	
11.0		14.0	12.0	15.0	15.0	15.0		9.5	13.5	16.0	16.0	16.0	11.0	
12.0		13.5	11.5	14.5	14.5	14.5		9.0	13.0	16.0	16.0	16.0	12.0	
14.0			10.5	13.0	13.0	12.5		8.0	12.0	13.7	13.0	12.0	14.0	
16.0								7.0	11.0	10.5	10.0	9.1	16.0	
18.0								6.5	9.1	8.6	7.9	7.0	18.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 50 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 7 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5		16.0	16.0	16.0	16.0	16.0							5.5	
6.0		15.0	16.0	16.0	16.0	16.0							6.0	
7.0		14.0	15.0	16.0	16.0	16.0		13.5	16.0	16.0	16.0	16.0	7.0	
8.0		13.0	14.0	16.0	16.0	16.0		12.2	15.0	16.0	16.0	16.0	8.0	
9.0		12.0	13.0	16.0	16.0	16.0		11.2	14.0	15.0	16.0	16.0	9.0	
10.0		11.0	12.0	15.0	16.0	16.0		10.2	13.0	14.0	16.0	16.0	10.0	
11.0		10.5	11.0	14.5	16.0	16.0		9.5	12.0	13.0	16.0	16.0	11.0	
12.0		9.5	10.0	14.0	16.0	16.0		9.0	11.5	12.0	15.5	16.0	12.0	
14.0		8.5	9.0	13.0	13.5	12.5		8.0	10.0	10.5	14.0	13.0	14.0	
16.0		7.5	8.0	11.5	10.5	9.6		7.0	9.0	9.5	11.0	10.0	16.0	
18.0		6.5	7.0	9.3	8.5	7.5		6.0	8.0	8.5	9.0	8.0	18.0	
20.0		6.0	6.5	7.6	6.8	5.8		5.5	7.3	7.5	7.4	6.4	20.0	
22.0		5.5	6.0	6.3	5.5	4.5		5.0	6.6	6.4	6.1	5.1	22.0	
24.0								4.5	5.5	5.3	5.0	4.0	24.0	
26.0								4.2	4.6	4.4	4.2	3.2	26.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 51 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 7 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0		12.5	14.0	16.0	16.0	16.0							8.0	
9.0		11.5	13.0	16.0	16.0	16.0		12.0	14.0	16.0	16.0	16.0	9.0	
10.0		10.5	12.0	15.0	16.0	16.0		11.0	13.0	15.5	16.0	16.0	10.0	
11.0		10.0	11.0	14.0	16.0	16.0		10.0	12.0	14.5	16.0	16.0	11.0	
12.0		9.5	10.0	13.0	15.0	16.0		9.5	11.5	13.5	16.0	16.0	12.0	
14.0		8.5	9.0	12.0	13.5	13.5		8.1	10.0	12.0	13.5	13.2	14.0	
16.0		7.5	8.0	10.5	11.2	10.7		7.2	9.0	10.5	10.5	10.2	16.0	
18.0		6.5	7.0	9.3	9.0	8.6		6.3	8.0	9.2	8.6	8.3	18.0	
20.0		6.0	6.5	7.6	7.3	6.9		5.7	7.0	7.5	6.9	6.5	20.0	
22.0		5.5	5.8	6.2	6.0	5.6		5.1	6.5	6.1	5.6	5.2	22.0	
24.0		5.0	5.3	5.2	5.0	4.6		4.6	5.4	5.1	4.5	4.2	24.0	
26.0		4.5	4.8	4.3	4.1	3.7		4.2	4.6	4.2	3.7	3.3	26.0	
28.0		4.2	4.0	3.6	3.3	3.0		3.8	3.8	3.5	2.9	2.6	28.0	
30.0		3.6	3.4	3.0	2.7	2.4		3.5	3.2	2.9	2.3	2.0	30.0	
32.0								3.1	2.7	2.3	1.8	1.5	32.0	
34.0								2.7	2.2	1.9	1.3	1.0	34.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 52 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 7 tons counterweight,over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★			58.5★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0													9.0	
10.0													10.0	
11.0		11.0	13.0	15.0	16.0								11.0	
12.0		10.0	12.0	14.0	15.5	10.5	12.0	13.0					12.0	
14.0		9.0	11.0	13.0	13.5	9.5	11.0	12.5	9.5	11.0			14.0	
16.0		8.0	9.5	10.9	10.5	8.5	10.0	10.5	8.5	10.0	8.5	8.0	16.0	
18.0		7.1	8.5	8.8	8.3	7.5	9.0	8.3	8.0	8.8	8.0	7.5	18.0	
20.0		6.4	7.7	7.1	6.6	7.0	7.4	6.7	7.5	7.1	7.5	7.0	20.0	
22.0		5.8	6.4	5.8	5.3	6.5	6.0	5.3	6.4	5.7	6.1	6.2	22.0	
24.0		5.2	5.3	4.7	4.2	5.7	5.0	4.3	5.3	4.7	5.0	5.1	24.0	
26.0		4.8	4.4	3.8	3.3	4.8	4.1	3.4	4.4	3.8	4.1	4.2	26.0	
28.0		4.1	3.7	3.1	2.6	4.0	3.4	2.7	3.7	3.1	3.4	3.5	28.0	
30.0		3.5	3.1	2.5	2.0	3.4	2.7	2.1	3.0	2.4	2.7	2.8	30.0	
32.0		3.0	2.6	2.0	1.5	2.9	2.2	1.6	2.5	1.9	2.2	2.3	32.0	
34.0		2.5	2.1	1.5	1.1	2.4	1.7	1.2	2.1	1.5	1.7	1.8	34.0	
36.0									1.7	1.1	1.3	1.4	36.0	
38.0											1.0	1.1	38.0	
Reeving		3					2						Reeving	
Hook		18t (Optional)											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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 53 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 3 tons counterweight, over full range														
Radius (m)	Tip boom length: 3.0m; offset: 30°										Radius (m)			
	12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1		21.1★		
3.0	18.0											3.0		
3.5	16.0	16.0	16.0	16.0	16.0							3.5		
4.0	16.0	16.0	16.0	16.0	16.0							4.0		
4.5	16.0	16.0	16.0	16.0	16.0		16.0	16.0	16.0	16.0	16.0	4.5		
5.0	16.0	16.0	16.0	16.0	16.0		15.5	16.0	16.0	16.0	16.0	5.0		
5.5	16.0	16.0	16.0	16.0	16.0		15.0	16.0	16.0	16.0	16.0	5.5		
6.0	16.0	16.0	16.0	16.0	16.0		14.0	16.0	16.0	16.0	16.0	6.0		
7.0	16.0	15.5	16.0	16.0	16.0		13.0	16.0	16.0	16.0	16.0	7.0		
8.0	15.5	14.5	16.0	16.0	16.0		12.0	16.0	16.0	16.0	16.0	8.0		
9.0	15.0	13.5	16.0	16.0	16.0		11.0	15.0	16.0	16.0	16.0	9.0		
10.0	14.5	13.0	15.5	15.5	15.5		10.0	14.0	16.0	16.0	16.0	10.0		
11.0	14.0	12.0	15.0	15.0	15.0		9.5	13.5	16.0	16.0	16.0	11.0		
12.0	13.5	11.5	14.5	14.5	14.0		9.0	13.0	15.5	14.8	13.5	12.0		
14.0		10.5	11.0	11.0	10.5		8.0	12.0	11.5	11.0	10.0	14.0		
16.0							7.0	9.5	9.0	8.3	7.3	16.0		
18.0							6.5	7.5	7.0	6.3	5.3	18.0		
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 54 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 3 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5		16.0	16.0	16.0	16.0	16.0							5.5	
6.0		15.0	16.0	16.0	16.0	16.0							6.0	
7.0		14.0	15.0	16.0	16.0	16.0		13.5	16.0	16.0	16.0	16.0	7.0	
8.0		13.0	14.0	16.0	16.0	16.0		12.2	15.0	16.0	16.0	16.0	8.0	
9.0		12.0	13.0	16.0	16.0	16.0		11.2	14.0	15.0	16.0	16.0	9.0	
10.0		11.0	12.0	15.0	16.0	16.0		10.2	13.0	14.0	16.0	16.0	10.0	
11.0		10.5	11.0	14.5	16.0	16.0		9.5	12.0	13.0	16.0	16.0	11.0	
12.0		9.5	10.0	14.0	15.5	14.0		9.0	11.5	12.0	15.5	15.0	12.0	
14.0		8.5	9.0	12.5	11.5	10.5		8.0	10.0	10.5	12.0	11.0	14.0	
16.0		7.5	8.0	9.6	8.9	7.8		7.0	9.0	9.5	9.5	8.3	16.0	
18.0		6.5	7.0	7.6	6.9	5.9		6.0	8.0	7.8	7.5	6.4	18.0	
20.0		6.0	6.5	6.1	5.4	4.4		5.5	6.5	6.3	6.0	5.0	20.0	
22.0		5.5	5.3	5.0	4.2	3.2		5.0	5.4	5.2	4.9	3.9	22.0	
24.0								4.5	4.4	4.2	3.9	2.9	24.0	
26.0								4.0	3.6	3.4	3.1	2.1	26.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 55 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 3 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0		12.5	14.0	16.0	16.0	16.0							8.0	
9.0		11.5	13.0	16.0	16.0	16.0		12.0	14.0	16.0	16.0	16.0	9.0	
10.0		10.5	12.0	15.0	16.0	16.0		11.0	13.0	15.5	16.0	16.0	10.0	
11.0		10.0	11.0	14.0	16.0	16.0		10.0	12.0	14.5	16.0	16.0	11.0	
12.0		9.5	10.0	13.0	15.0	15.5		9.5	11.5	13.5	15.5	15.0	12.0	
14.0		8.5	9.0	12.0	12.0	11.5		8.1	10.0	12.0	11.5	11.0	14.0	
16.0		7.5	8.0	9.6	9.4	9.0		7.2	9.0	9.5	9.0	8.5	16.0	
18.0		6.5	7.0	7.6	7.4	7.0		6.3	8.0	7.5	7.0	6.6	18.0	
20.0		6.0	6.5	6.0	5.8	5.5		5.7	6.4	6.0	5.5	5.1	20.0	
22.0		5.5	5.4	4.9	4.7	4.4		5.1	5.2	4.8	4.4	4.0	22.0	
24.0		4.8	4.5	4.0	3.7	3.4		4.6	4.3	3.9	3.4	3.0	24.0	
26.0		4.0	3.7	3.2	3.0	2.7		4.0	3.5	3.1	2.6	2.3	26.0	
28.0		3.4	3.1	2.6	2.4	2.1		3.3	2.9	2.5	2.0	1.7	28.0	
30.0		2.8	2.5	2.0	1.8	1.5		2.8	2.3	2.0	1.5	1.2	30.0	
Reeving		3										Reeving		
Hook		18t (Optional)										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 56 Lifting capacity table capacity table (with tip boom installed)

Unit: tons

Outriggers fully extended (8 m), with 3 tons counterweight, over full range														
Radius (m)		Tip boom length: 3.0m; offset: 30°										Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★			58.5★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0													9.0	
10.0													10.0	
11.0		11.0	13.0	15.0	16.0								11.0	
12.0		10.0	12.0	14.0	15.0	10.5	12.0	13.0					12.0	
14.0		9.0	11.0	12.0	11.0	9.5	11.0	11.5	9.5	11.0			14.0	
16.0		8.0	9.5	9.0	8.6	8.5	9.5	8.8	8.5	9.0	8.5	8.0	16.0	
18.0		7.1	7.8	7.1	6.6	7.5	7.5	6.8	7.8	7.1	7.5	7.5	18.0	
20.0		6.4	6.3	5.6	5.1	6.7	6.0	5.3	6.3	5.6	6.0	6.1	20.0	
22.0		5.6	5.1	4.5	4.0	5.5	4.8	4.1	5.1	4.5	4.8	4.9	22.0	
24.0		4.6	4.2	3.5	3.0	4.5	3.8	3.2	4.1	3.5	3.8	3.9	24.0	
26.0		3.8	3.4	2.8	2.3	3.7	3.0	2.4	3.4	2.7	3.0	3.1	26.0	
28.0		3.2	2.8	2.1	1.7	3.1	2.4	1.8	2.7	2.1	2.4	2.5	28.0	
30.0		2.6	2.2	1.6	1.1	2.5	1.8	1.3	2.1	1.5	1.8	1.9	30.0	
32.0						2.0	1.4	0.9	1.7	1.1	1.4	1.5	32.0	
34.0											1.0	1.1	34.0	
Reeving		3					2						Reeving	
Hook		18t (Optional)										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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 57 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 23 tons counterweight, over full range														
Boom length (m)														
Radius (m)	12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★	Radius (m)		
3.0	70.0*	37.0	60.0	60.0	60.0		24.0	40.0	50.0	50.0	50.0	3.0		
3.5	67.0	35.0	58.0	58.0	58.0		23.0	38.0	50.0	50.0	50.0	3.5		
4.0	64.0	33.0	56.0	56.0	56.0		22.0	36.0	50.0	50.0	50.0	4.0		
4.5	60.0	31.0	53.0	53.0	53.0		21.0	34.0	48.0	48.0	50.0	4.5		
5.0	57.0	30.0	50.0	50.0	50.0		20.0	33.0	46.0	46.0	48.0	5.0		
5.5	53.0	29.0	48.0	48.0	48.0		19.0	32.0	43.0	43.0	45.0	5.5		
6.0	49.0	27.0	45.0	45.0	45.0		18.0	31.0	37.0	39.0	40.0	6.0		
7.0	38.0	24.5	39.0	39.0	39.0		16.0	28.0	32.0	34.0	35.0	7.0		
8.0	32.0	22.3	34.0	34.0	33.5		15.0	25.0	29.0	31.0	32.0	8.0		
9.0	26.0	20.8	28.0	28.0	27.5		13.5	23.5	27.0	29.0	27.5	9.0		
10.0		20.0	24.0	24.0	23.5		12.5	21.5	24.0	24.5	23.0	10.0		
11.0		19.0	21.0	21.0	20.5		11.5	20.0	21.0	21.0	19.5	11.0		
12.0		18.0	18.5	18.0	17.5		11.0	19.0	19.0	18.5	17.0	12.0		
14.0							9.8	15.0	14.5	14.0	13.0	14.0		
16.0							8.8	12.0	11.5	11.0	10.0	16.0		
Reeving	12	12						10					Reeving	
Hook	60t												Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 58 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 23 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0		25.0	26.0	40.0	46.0	46.0							4.0	
4.5		24.0	24.5	38.0	46.0	46.0							4.5	
5.0		23.0	23.0	36.5	46.0	46.0		20.0	25.0	25.0	40.0	42.0	5.0	
5.5		21.5	21.5	35.0	44.0	46.0		19.0	24.0	24.0	38.0	42.0	5.5	
6.0		20.5	20.5	33.5	42.0	44.0		18.0	23.0	23.0	37.0	42.0	6.0	
7.0		18.5	18.5	31.0	38.0	39.0		16.0	20.5	20.5	34.5	40.0	7.0	
8.0		16.5	16.5	29.0	35.0	34.0		14.0	18.5	18.5	32.0	33.0	8.0	
9.0		15.5	15.0	26.5	29.0	28.0		13.0	17.0	17.0	28.5	29.5	9.0	
10.0		14.0	14.0	24.0	24.0	23.0		12.0	15.5	15.5	25.5	24.5	10.0	
11.0		13.0	13.0	20.9	21.5	20.0		11.0	14.5	14.5	22.5	21.5	11.0	
12.0		12.0	12.0	19.5	19.5	18.0		10.0	13.5	13.5	20.0	19.0	12.0	
14.0		10.8	10.8	15.5	15.0	13.5		9.0	12.0	12.0	15.5	14.5	14.0	
16.0		9.8	9.8	12.5	12.0	10.5		8.0	10.0	10.0	12.5	11.5	16.0	
18.0		8.8	8.8	10.6	9.8	8.6		7.2	9.0	9.0	10.5	9.5	18.0	
20.0		8.0	8.0	9.0	8.0	7.0		6.5	8.2	8.0	8.7	7.7	20.0	
22.0								5.9	7.2	7.1	7.4	6.4	22.0	
24.0								5.5	6.6	6.5	6.3	5.3	24.0	
Reeving		8						7					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 59 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 23 tons counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0		19.0	20.0	25.0	29.0	38.0							6.0	
7.0		17.0	18.0	23.0	26.5	35.0		16.0	19.5	23.5	27.5	29.5	7.0	
8.0		15.5	16.5	21.0	24.0	33.0		14.5	18.0	21.5	25.0	27.0	8.0	
9.0		14.0	15.0	19.0	22.0	28.0		13.5	16.5	19.5	23.0	24.5	9.0	
10.0		13.0	14.0	18.0	20.0	24.0		12.5	15.5	18.0	21.5	22.5	10.0	
11.0		12.0	13.0	16.5	19.0	21.5		11.5	14.0	16.5	20.0	21.0	11.0	
12.0		11.0	12.0	15.5	17.5	19.5		10.5	13.0	15.5	18.5	19.0	12.0	
14.0		10.0	10.5	13.5	15.5	15.0		9.2	11.5	13.5	15.0	15.0	14.0	
16.0		9.0	9.0	11.5	12.8	12.3		8.1	10.0	12.0	12.0	12.0	16.0	
18.0		8.0	8.0	10.3	10.5	10.0		7.2	9.0	10.6	10.0	9.7	18.0	
20.0		7.0	7.0	9.0	8.8	8.3		6.5	8.0	8.9	8.3	8.0	20.0	
22.0		6.5	6.5	7.6	7.4	7.0		5.8	7.0	7.5	6.9	6.6	22.0	
24.0		6.0	6.0	6.5	6.3	5.9		5.3	6.4	6.5	5.8	5.5	24.0	
26.0		5.5	5.1	5.5	5.3	4.9		4.8	5.8	5.5	4.9	4.6	26.0	
28.0		4.8	4.7	4.7	4.5	4.1		4.4	5.0	4.7	4.1	3.8	28.0	
30.0								4.0	4.3	4.0	3.5	3.1	30.0	
32.0								3.6	3.8	3.4	2.9	2.5	32.0	
Reeving		6						5					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 60 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 23 tons counterweight, over full range														
Boom length (m)														
Radius (m)	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★	Radius (m)		
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0												6.0		
7.0												7.0		
8.0												8.0		
9.0	14.5	17.5	20.5	22.0								9.0		
10.0	13.5	16.0	19.0	20.5	14.5	16.5	18.5					10.0		
11.0	12.5	15.0	17.5	19.5	13.5	15.5	17.5	13.0	14.5			11.0		
12.0	11.5	14.0	16.5	18.4	12.5	14.5	16.5	12.5	14.0			12.0		
14.0	10.0	12.0	14.5	15.0	11.0	13.0	14.0	11.0	12.5	10.5	9.0	14.0		
16.0	9.0	10.5	12.5	12.0	9.5	11.0	12.0	10.0	11.0	9.7	8.8	16.0		
18.0	8.0	9.5	10.2	9.7	8.5	10.0	10.0	9.4	10.0	9.0	8.5	18.0		
20.0	7.3	8.5	8.5	8.0	8.0	8.8	8.2	8.1	8.6	8.3	7.9	20.0		
22.0	6.6	7.7	7.1	6.6	7.0	7.4	6.8	7.4	7.2	7.5	7.2	22.0		
24.0	6.0	6.7	6.0	5.5	6.2	6.3	5.8	6.6	6.1	6.4	6.4	24.0		
26.0	5.4	5.8	5.1	4.6	5.6	5.3	4.8	5.6	5.1	5.4	5.5	26.0		
28.0	4.7	5.0	4.3	3.8	5.2	4.5	4.0	4.8	4.3	4.6	4.7	28.0		
30.0	4.3	4.3	3.6	3.1	4.5	3.8	3.3	4.1	3.6	3.9	4.0	30.0		
32.0	4.0	3.7	3.0	2.6	3.9	3.3	2.8	3.6	3.0	3.3	3.4	32.0		
34.0	3.6	3.2	2.5	2.1	3.4	2.8	2.3	3.1	2.5	2.8	2.9	34.0		
36.0					2.9	2.3	1.8	2.7	2.1	2.4	2.5	36.0		
38.0					2.5	1.9	1.4	2.3	1.7	2.0	2.1	38.0		
40.0					2.1	1.5	1.0	1.9	1.3	1.6	1.7	40.0		
42.0								1.6	1.0	1.3	1.4	42.0		
44.0											1.1	44.0		
Reeving					3			3		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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 61 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 23t counterweight, over full range														
Boom length (m)														
Radius (m)		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★	Radius (m)	
3.0		70.0*	37.0	60.0	60.0	60.0		24.0	40.0	50.0	50.0	50.0	3.0	
3.5		67.0	35.0	58.0	58.0	58.0		23.0	38.0	50.0	50.0	50.0	3.5	
4.0		64.0	33.0	56.0	56.0	56.0		22.0	36.0	50.0	50.0	50.0	4.0	
4.5		60.0	31.0	53.0	53.0	53.0		21.0	34.0	48.0	48.0	50.0	4.5	
5.0		56.0	29.0	50.0	50.0	50.0		20.0	33.0	46.0	46.0	48.0	5.0	
5.5		52.0	28.0	47.0	47.0	48.0		19.0	31.5	43.0	43.0	45.0	5.5	
6.0		48.0	26.0	44.0	44.0	45.0		18.0	30.0	37.0	39.0	40.0	6.0	
7.0		36.0	24.0	38.0	38.0	39.0		16.0	28.0	31.0	33.0	34.0	7.0	
8.0		30.5	22.0	32.0	32.0	31.5		15.0	26.0	28.0	30.0	31.0	8.0	
9.0		24.5	20.5	26.0	26.0	25.5		13.5	24.0	26.0	26.5	25.0	9.0	
10.0			19.0	22.0	22.0	21.5		12.5	22.0	23.0	22.0	21.0	10.0	
11.0			18.0	19.0	18.5	18.0		11.5	20.0	20.0	19.0	17.5	11.0	
12.0			17.0	16.0	15.5	15.0		11.0	18.0	16.5	16.0	15.0	12.0	
14.0								9.8	14.0	13.0	12.5	11.0	14.0	
16.0								8.8	11.0	10.5	9.5	8.5	16.0	
Reeving		12	12						10					Reeving
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 62 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 23t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0		25.0	26.0	40.0	46.0	46.0							4.0	
4.5		24.0	24.5	38.0	46.0	46.0							4.5	
5.0		23.0	23.0	36.5	46.0	46.0		20.0	25.0	25.0	40.0	42.0	5.0	
5.5		21.5	21.5	35.0	44.0	46.0		19.0	24.0	24.0	38.0	42.0	5.5	
6.0		20.5	20.5	33.5	42.0	43.0		18.0	23.0	23.0	37.0	42.0	6.0	
7.0		18.5	18.5	31.0	37.0	38.0		16.0	20.5	20.5	34.5	40.0	7.0	
8.0		16.5	16.5	29.0	34.0	32.0		14.0	18.5	18.5	32.0	33.0	8.0	
9.0		15.5	15.0	26.5	27.5	26.0		13.0	17.0	17.0	28.5	27.0	9.0	
10.0		14.0	14.0	24.0	23.0	22.0		12.0	15.5	15.5	24.0	22.5	10.0	
11.0		13.0	13.0	20.9	20.0	18.5		11.0	14.5	14.5	20.5	19.0	11.0	
12.0		12.0	12.0	18.2	17.3	15.9		10.0	13.5	13.5	18.0	16.5	12.0	
14.0		10.5	10.5	14.2	13.4	12.0		9.0	12.0	12.0	14.0	12.5	14.0	
16.0		9.3	9.5	11.5	10.6	9.4		8.0	10.0	10.0	11.3	10.0	16.0	
18.0		8.3	8.5	9.4	8.6	7.4		7.2	9.0	9.0	9.3	8.0	18.0	
20.0		7.5	7.5	7.8	7.0	5.8		6.5	8.2	8.0	7.7	6.4	20.0	
22.0								5.9	6.9	6.7	6.4	5.3	22.0	
Reeving		8						7					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 63 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 23t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0		19.0	20.0	25.0	29.0	38.0							6.0	
7.0		17.0	18.0	23.0	26.5	35.0		16.0	19.5	23.5	27.5	29.5	7.0	
8.0		15.5	16.5	21.0	24.0	33.0		14.5	18.0	21.5	25.0	27.0	8.0	
9.0		14.0	15.0	19.0	22.0	28.0		13.5	16.5	19.5	23.0	24.5	9.0	
10.0		13.0	14.0	18.0	20.0	23.5		12.5	15.5	18.0	21.5	22.5	10.0	
11.0		12.0	13.0	16.5	19.0	20.0		11.5	14.0	16.5	20.0	19.8	11.0	
12.0		11.0	12.0	15.5	17.5	17.5		10.5	13.0	15.5	17.5	17.2	12.0	
14.0		10.0	10.5	13.5	14.0	13.5		9.2	11.5	13.5	13.5	13.2	14.0	
16.0		9.0	9.0	11.5	11.0	10.8		8.1	10.0	11.5	10.8	10.4	16.0	
18.0		8.0	8.0	9.5	9.2	8.8		7.2	9.0	9.4	8.8	8.4	18.0	
20.0		7.0	7.0	7.9	7.6	7.2		6.5	8.0	7.8	7.2	6.8	20.0	
22.0		6.5	6.5	6.6	6.4	6.0		5.8	6.9	6.5	5.9	5.6	22.0	
24.0		6.0	6.0	5.6	5.4	5.0		5.3	5.9	5.5	4.9	4.6	24.0	
26.0		5.5	5.1	4.7	4.5	4.1		4.8	5.0	4.6	4.1	3.7	26.0	
28.0		4.8	4.4	4.0	3.8	3.4		4.4	4.3	3.9	3.4	3.0	28.0	
30.0								4.0	3.7	3.3	2.8	2.4	30.0	
Reeving		6						5					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 64 Lifting capacity table (with main boom only)

Unit: tons														
Outriggers half extended (5.3 m), with 23t counterweight,				over		Full range								
Radius (m)	Boom length (m)												Radius (m)	
	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★			
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0												6.0		
7.0												7.0		
8.0												8.0		
9.0	14.5	17.5	20.5	22.0								9.0		
10.0	13.5	16.0	19.0	20.5	14.5	16.5	18.5					10.0		
11.0	12.5	15.0	17.5	19.0	13.5	15.5	17.5	13.0	14.5			11.0		
12.0	11.5	14.0	16.5	17.0	12.5	14.5	16.5	12.5	14.0			12.0		
14.0	10.0	12.0	13.8	13.0	11.0	13.0	13.5	11.0	12.5	10.5	9.0	14.0		
16.0	9.0	10.5	11.0	10.5	9.5	11.0	10.8	10.0	11.0	9.7	8.8	16.0		
18.0	8.0	9.5	9.0	8.5	8.5	9.3	8.7	9.4	9.0	9.0	8.5	18.0		
20.0	7.3	8.0	7.4	6.9	8.0	7.8	7.2	8.1	7.4	7.8	7.9	20.0		
22.0	6.6	6.8	6.1	5.6	7.0	6.4	5.8	6.8	6.2	6.5	6.6	22.0		
24.0	6.0	5.8	5.1	4.6	6.0	5.4	4.8	5.8	5.2	5.4	5.5	24.0		
26.0	5.4	4.9	4.3	3.8	5.2	4.6	4.0	4.9	4.3	4.6	4.7	26.0		
28.0	4.6	4.2	3.6	3.1	4.5	3.8	3.3	4.2	3.6	3.9	4.0	28.0		
30.0	4.0	3.6	3.0	2.5	3.9	3.2	2.7	3.5	2.9	3.2	3.3	30.0		
32.0	3.5	3.0	2.4	1.9	3.4	2.7	2.2	3.0	2.4	2.7	2.8	32.0		
34.0	3.0	2.6	2.0	1.5	2.9	2.2	1.7	2.5	1.9	2.2	2.3	34.0		
36.0					2.5	1.8	1.3	2.1	1.5	1.8	1.9	36.0		
38.0					2.1	1.4	1.0	1.8	1.2	1.4	1.5	38.0		
40.0								1.4	0.9	1.1	1.2	40.0		
Reeving		4				3			3		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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 65 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 19t counterweight, over full range														
Radius (m)			Boom length (m)									Radius (m)		
	12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★			
3.0	70.0*	37.0	60.0	60.0	60.0		24.0	40.0	50.0	50.0	50.0	3.0		
3.5	67.0	35.0	58.0	58.0	58.0		23.0	38.0	50.0	50.0	50.0	3.5		
4.0	64.0	33.0	56.0	56.0	56.0		22.0	36.0	50.0	50.0	50.0	4.0		
4.5	58.0	31.0	52.0	52.0	52.0		21.0	34.0	48.0	48.0	50.0	4.5		
5.0	54.0	29.0	48.0	48.0	48.0		20.0	33.0	46.0	46.0	48.0	5.0		
5.5	50.0	28.0	45.0	45.0	45.0		19.0	31.5	43.0	43.0	45.0	5.5		
6.0	46.0	26.0	42.0	42.0	42.0		18.0	30.0	37.0	39.0	40.0	6.0		
7.0	35.0	24.0	36.0	36.0	36.0		16.0	28.0	31.0	33.0	34.0	7.0		
8.0	27.5	22.0	29.5	29.0	28.0		15.0	26.0	28.0	29.0	27.5	8.0		
9.0	22.0	20.5	24.0	23.5	23.0		13.5	24.0	24.5	24.0	22.5	9.0		
10.0		19.0	20.0	19.5	19.0		12.5	21.5	20.5	20.0	18.5	10.0		
11.0		17.5	17.0	16.5	16.0		11.5	18.4	17.4	16.9	15.5	11.0		
12.0		15.0	14.5	14.0	13.5		11.0	16.0	15.0	14.5	13.0	12.0		
14.0							9.8	12.4	11.5	11.0	9.5	14.0		
16.0							8.8	9.8	9.2	8.5	7.4	16.0		
Reeving	12	12						10					Reeving	
Hook	60t													
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 66 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 19t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0		25.0	26.0	40.0	46.0	46.0							4.0	
4.5		24.0	24.5	38.0	46.0	46.0							4.5	
5.0		23.0	23.0	36.5	46.0	46.0		20.0	25.0	25.0	40.0	42.0	5.0	
5.5		21.5	21.5	35.0	44.0	46.0		19.0	24.0	24.0	38.0	42.0	5.5	
6.0		20.5	20.5	33.5	42.0	43.0		18.0	23.0	23.0	37.0	42.0	6.0	
7.0		18.5	18.5	31.0	37.0	36.0		16.0	20.5	20.5	34.5	36.0	7.0	
8.0		16.5	16.5	29.0	30.0	28.5		14.0	18.5	18.5	31.0	29.5	8.0	
9.0		15.5	15.0	25.5	24.5	23.0		13.0	17.0	17.0	25.5	24.0	9.0	
10.0		14.0	14.0	21.5	20.5	19.0		12.0	15.5	15.5	21.5	20.0	10.0	
11.0		13.0	13.0	18.5	17.5	16.0		11.0	14.5	14.5	18.5	17.0	11.0	
12.0		12.0	12.0	16.0	15.0	14.0		10.0	13.5	13.5	16.0	14.5	12.0	
14.0		10.5	10.5	12.5	11.5	10.5		9.0	12.0	12.0	12.4	11.0	14.0	
16.0		9.3	9.5	10.0	9.2	8.0		8.0	10.0	10.0	9.9	8.7	16.0	
18.0		8.3	8.5	8.2	7.4	6.2		7.2	8.6	8.3	8.0	6.8	18.0	
20.0		7.2	7.0	6.7	5.9	4.7		6.5	7.1	6.8	6.5	5.4	20.0	
22.0								5.9	5.9	5.7	5.4	4.3	22.0	
Reeving		8						7					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 67 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 19t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0		19.0	20.0	25.0	29.0	38.0							6.0	
7.0		17.0	18.0	23.0	26.5	35.0		16.0	19.5	23.5	27.5	29.5	7.0	
8.0		15.5	16.5	21.0	24.0	30.0		14.5	18.0	21.5	25.0	27.0	8.0	
9.0		14.0	15.0	19.0	22.0	25.0		13.5	16.5	19.5	23.0	24.5	9.0	
10.0		13.0	14.0	18.0	20.0	21.0		12.5	15.5	18.0	21.0	20.5	10.0	
11.0		12.0	13.0	16.5	18.0	17.5		11.5	14.0	16.5	18.0	17.5	11.0	
12.0		11.0	12.0	15.5	16.0	15.5		10.5	13.0	15.5	15.5	15.0	12.0	
14.0		10.0	10.5	12.5	12.0	11.5		9.2	11.5	12.5	11.8	11.5	14.0	
16.0		9.0	9.0	10.0	9.5	9.1		8.1	10.0	10.0	9.3	8.9	16.0	
18.0		8.0	8.0	8.2	7.9	7.5		7.2	8.5	8.0	7.4	7.0	18.0	
20.0		7.0	7.0	6.6	6.4	6.0		6.5	7.0	6.6	6.0	5.6	20.0	
22.0		6.4	6.0	5.6	5.4	5.0		5.8	5.9	5.5	4.9	4.5	22.0	
24.0		5.4	5.1	4.7	4.5	4.1		5.3	4.9	4.5	4.0	3.6	24.0	
26.0		4.6	4.3	3.9	3.7	3.3		4.6	4.2	3.8	3.3	2.9	26.0	
28.0		4.0	3.7	3.3	3.1	2.7		4.0	3.6	3.2	2.7	2.3	28.0	
30.0								3.4	3.0	2.6	2.1	1.7	30.0	
Reeving		6					5					Reeving		
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 68 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 19t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★			58.5★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0		14.5	17.5	20.5	22.0								9.0	
10.0		13.5	16.0	19.0	20.5	14.5	16.5	18.5					10.0	
11.0		12.5	15.0	17.5	17.5	13.5	15.5	17.5	13.0	14.5			11.0	
12.0		11.5	14.0	15.5	15.0	12.5	14.5	15.5	12.5	14.0			12.0	
14.0		10.0	12.0	12.0	11.5	11.0	12.5	11.5	11.0	11.5	10.5	9.0	14.0	
16.0		9.0	10.3	9.5	9.0	9.5	10.0	9.0	10.0	9.5	9.5	8.8	16.0	
18.0		8.0	8.4	7.6	7.1	8.5	8.0	7.4	8.5	7.8	8.0	8.2	18.0	
20.0		7.3	7.0	6.2	5.7	7.3	6.6	6.0	7.0	6.3	6.5	6.8	20.0	
22.0		6.3	5.8	5.1	4.6	6.2	5.4	4.8	5.8	5.1	5.5	5.6	22.0	
24.0		5.3	4.8	4.1	3.6	5.2	4.5	3.9	4.8	4.1	4.5	4.6	24.0	
26.0		4.5	4.0	3.4	2.9	4.4	3.7	3.1	4.1	3.4	3.7	3.8	26.0	
28.0		3.9	3.4	2.8	2.3	3.8	3.1	2.5	3.4	2.7	3.1	3.2	28.0	
30.0		3.3	2.8	2.2	1.7	3.2	2.5	1.9	2.8	2.1	2.5	2.6	30.0	
32.0		2.8	2.3	1.7	1.2	2.7	2.0	1.4	2.3	1.7	2.0	2.1	32.0	
34.0						2.3	1.6	1.0	1.9	1.3	1.6	1.7	34.0	
36.0									1.5	0.9	1.2	1.3	36.0	
38.0											0.9	1.0	38.0	
Reeving		4				3			3		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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 69 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 15t counterweight, over											Full range	
Radius (m)						Boom length (m)					Radius (m)	
	12.5★	16.8	16.8	16.8	16.8★	21.1	21.1	21.1	21.1	21.1★		
3.0	70.0*	37.0	60.0	60.0	60.0	24.0	40.0	50.0	50.0	50.0	3.0	
3.5	67.0	35.0	58.0	58.0	58.0	23.0	38.0	50.0	50.0	50.0	3.5	
4.0	63.0	33.0	56.0	56.0	56.0	22.0	36.0	50.0	50.0	50.0	4.0	
4.5	57.0	31.0	52.0	52.0	52.0	21.0	34.0	48.0	48.0	47.0	4.5	
5.0	52.0	29.0	48.0	48.0	48.0	20.0	33.0	46.0	46.0	44.0	5.0	
5.5	48.0	28.0	45.0	45.0	45.0	19.0	31.5	43.0	43.0	41.0	5.5	
6.0	42.0	26.0	41.0	41.0	41.0	18.0	30.0	37.0	39.0	37.0	6.0	
7.0	31.0	24.0	32.0	32.0	32.0	16.0	28.0	31.0	33.0	31.0	7.0	
8.0	24.0	22.0	26.0	25.5	25.0	15.0	26.0	26.7	25.7	24.2	8.0	
9.0	19.0	20.5	21.0	20.5	20.0	13.5	22.5	21.7	20.7	19.5	9.0	
10.0		18.0	17.5	17.0	16.5	12.5	18.7	18.0	17.0	15.8	10.0	
11.0		15.2	14.7	14.2	13.7	11.5	16.0	15.3	14.5	13.3	11.0	
12.0		13.0	12.5	12.0	11.5	11.0	13.7	13.0	12.2	11.0	12.0	
14.0						9.8	10.5	10.0	9.2	8.1	14.0	
16.0						8.6	8.3	7.8	7.0	5.9	16.0	
Reeving	12	12				10					Reeving	
Hook	60t											Hook
Telescoping mode	I	1	1	1	1	1	1	1	1	1	2	I
	II	1	1	1	1	2	1	1	1	2	2	II
	III	1	1	1	2	1	1	1	2	2	1	III
	IV	1	1	2	1	1	1	2	2	1	1	IV
	V	1	2	1	1	1	3	2	1	1	1	V

Table 70 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 15t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0		25.0	26.0	40.0	46.0	46.0							4.0	
4.5		24.0	24.5	38.0	46.0	46.0							4.5	
5.0		23.0	23.0	36.5	46.0	43.0		20.0	25.0	25.0	40.0	42.0	5.0	
5.5		21.5	21.5	35.0	43.0	41.0		19.0	24.0	24.0	38.0	40.0	5.5	
6.0		20.5	20.5	33.5	37.0	35.0		18.0	23.0	23.0	37.0	38.0	6.0	
7.0		18.5	18.5	31.0	33.0	31.0		16.0	20.5	20.5	34.0	32.0	7.0	
8.0		16.5	16.5	27.7	26.7	25.2		14.0	18.5	18.5	27.5	26.0	8.0	
9.0		15.5	15.0	22.7	21.7	20.2		13.0	17.0	17.0	22.5	21.0	9.0	
10.0		14.0	14.0	19.0	18.0	16.5		12.0	15.5	15.5	19.0	17.5	10.0	
11.0		13.0	13.0	16.0	15.2	14.0		11.0	14.5	14.5	16.0	14.5	11.0	
12.0		12.0	12.0	14.0	13.2	12.0		10.0	13.5	13.5	14.0	12.5	12.0	
14.0		10.5	10.5	10.8	10.0	8.8		9.0	11.3	11.0	10.5	9.5	14.0	
16.0		9.1	8.9	8.6	7.8	6.6		8.0	9.0	8.7	8.4	7.2	16.0	
18.0		7.3	7.1	6.8	6.1	4.9		7.2	7.3	7.0	6.7	5.6	18.0	
20.0		6.0	5.8	5.5	4.8	3.7		6.4	5.9	5.7	5.4	4.3	20.0	
22.0								5.4	4.9	4.7	4.4	3.3	22.0	
Reeving		8						7					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 71 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 15t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0		19.0	20.0	25.0	29.0	38.0							6.0	
7.0		17.0	18.0	23.0	26.5	32.0		16.0	19.5	23.5	27.5	29.5	7.0	
8.0		15.5	16.5	21.0	24.0	26.0		14.5	18.0	21.5	25.0	25.5	8.0	
9.0		14.0	15.0	19.0	22.0	22.0		13.5	16.5	19.5	22.0	21.5	9.0	
10.0		13.0	14.0	18.0	19.0	18.0		12.5	15.5	18.0	18.5	18.0	10.0	
11.0		12.0	13.0	16.5	16.0	15.5		11.5	14.0	16.0	15.5	15.0	11.0	
12.0		11.0	12.0	14.0	13.5	13.0		10.5	13.0	14.0	13.5	13.0	12.0	
14.0		10.0	10.5	11.0	10.5	10.0		9.2	11.0	10.8	10.0	9.5	14.0	
16.0		8.8	9.0	8.7	8.4	8.0		8.1	9.0	8.5	8.0	7.5	16.0	
18.0		7.8	7.4	7.0	6.7	6.3		7.2	7.3	6.8	6.3	5.8	18.0	
20.0		6.5	6.1	5.7	5.4	5.0		6.5	6.0	5.5	5.0	4.5	20.0	
22.0		5.4	5.0	4.6	4.3	3.9		5.5	5.0	4.5	4.0	3.5	22.0	
24.0		4.6	4.2	3.8	3.5	3.1		4.6	4.1	3.6	3.1	2.6	24.0	
26.0		3.8	3.5	3.1	2.8	2.4		3.9	3.4	2.9	2.4	2.0	26.0	
28.0		3.2	2.9	2.5	2.2	1.8		3.3	2.8	2.3	1.8	1.5	28.0	
30.0								2.8	2.3	1.8	1.3	1.0	30.0	
Reeving		6						5					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table72 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 15t counterweight, over full range														
Radius (m)	Boom length (m)											Radius (m)		
	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★			
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0												6.0		
7.0												7.0		
8.0												8.0		
9.0	14.5	17.5	20.0	21.0								9.0		
10.0	13.5	16.0	18.5	18.0	14.5	16.5	17.5					10.0		
11.0	12.5	15.0	15.9	15.0	13.5	15.5	15.0	13.0	14.5			11.0		
12.0	11.5	14.0	13.5	13.0	12.5	14.0	13.0	12.5	13.0			12.0		
14.0	10.0	11.0	10.4	9.8	11.0	10.5	10.0	11.0	10.0	10.5	9.0	14.0		
16.0	9.0	8.8	8.1	7.6	9.2	8.5	8.0	8.9	8.0	8.5	8.6	16.0		
18.0	7.6	7.1	6.4	5.9	7.5	6.7	6.0	7.1	6.5	6.8	6.9	18.0		
20.0	6.3	5.8	5.1	4.6	6.1	5.5	4.8	5.8	5.1	5.5	5.6	20.0		
22.0	5.3	4.8	4.1	3.6	5.1	4.4	3.8	4.7	4.1	4.5	4.6	22.0		
24.0	4.4	3.9	3.2	2.8	4.2	3.6	3.0	3.9	3.2	3.6	3.7	24.0		
26.0	3.7	3.2	2.5	2.1	3.5	2.8	2.2	3.2	2.5	2.9	3.0	26.0		
28.0	3.0	2.6	2.0	1.6	3.0	2.2	1.7	2.6	2.0	2.3	2.4	28.0		
30.0	2.5	2.1	1.5	1.1	2.5	1.7	1.2	2.1	1.5	1.8	1.9	30.0		
32.0								1.6	1.0	1.3	1.4	32.0		
34.0										1.0	1.1	34.0		
Reeving	4				3			3		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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 73 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 11t counterweight, over Full range														
Radius (m)			Boom length (m)									Radius (m)		
	12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★			
3.0	70.0*	37.0	60.0	60.0	60.0		24.0	40.0	50.0	50.0	50.0	3.0		
3.5	65.0	35.0	58.0	58.0	58.0		23.0	38.0	50.0	50.0	50.0	3.5		
4.0	60.0	33.0	56.0	56.0	56.0		22.0	36.0	50.0	50.0	50.0	4.0		
4.5	54.0	31.0	52.0	52.0	52.0		21.0	34.0	48.0	48.0	47.0	4.5		
5.0	49.0	29.0	48.0	48.0	48.0		20.0	33.0	46.0	46.0	44.0	5.0		
5.5	44.0	28.0	44.0	44.0	44.0		19.0	31.5	43.0	43.0	41.0	5.5		
6.0	37.0	26.0	37.5	37.5	37.5		18.0	30.0	37.0	38.0	36.0	6.0		
7.0	27.0	24.0	29.0	28.5	27.5		16.0	28.0	29.5	28.0	27.0	7.0		
8.0	20.5	22.0	22.5	22.0	21.5		15.0	24.0	23.0	22.0	20.5	8.0		
9.0	16.5	18.5	18.0	17.5	17.0		13.5	19.5	18.5	17.5	16.5	9.0		
10.0		15.0	14.8	14.3	13.8		12.5	16.0	15.5	14.5	13.5	10.0		
11.0		13.0	12.5	12.0	11.5		11.5	13.5	13.0	12.0	11.0	11.0		
12.0		11.0	10.5	10.0	9.5		11.0	11.5	11.0	10.0	9.0	12.0		
14.0							9.3	9.0	8.5	7.5	6.5	14.0		
16.0							7.2	6.9	6.4	5.5	4.5	16.0		
Reeving	12	12						10					Reeving	
Hook	60t													
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 74 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 11t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0		25.0	26.0	40.0	46.0	46.0							4.0	
4.5		24.0	24.5	38.0	46.0	46.0							4.5	
5.0		23.0	23.0	36.5	46.0	43.0		20.0	25.0	25.0	40.0	42.0	5.0	
5.5		21.5	21.5	35.0	43.0	41.0		19.0	24.0	24.0	38.0	40.0	5.5	
6.0		20.5	20.5	33.5	37.0	35.0		18.0	23.0	23.0	35.0	36.0	6.0	
7.0		18.5	18.5	30.5	29.5	27.5		16.0	20.5	20.5	29.5	28.0	7.0	
8.0		16.5	16.5	24.0	23.0	21.5		14.0	18.5	18.5	24.0	22.5	8.0	
9.0		15.5	15.0	19.5	18.5	17.0		13.0	17.0	17.0	19.5	18.0	9.0	
10.0		14.0	14.0	16.5	15.5	14.0		12.0	15.5	15.5	16.0	15.0	10.0	
11.0		13.0	13.0	14.0	13.0	11.5		11.0	14.0	14.0	13.5	12.5	11.0	
12.0		12.0	12.0	12.0	11.0	9.9		10.0	12.5	12.0	11.5	10.5	12.0	
14.0		9.7	9.4	9.1	8.3	7.1		9.0	9.6	9.3	9.0	7.8	14.0	
16.0		7.7	7.4	7.1	6.3	5.1		8.0	7.5	7.3	7.0	5.8	16.0	
18.0		6.1	5.9	5.6	4.8	3.7		6.5	6.0	5.8	5.5	4.3	18.0	
20.0		5.0	4.8	4.4	3.7	2.6		5.3	4.8	4.6	4.3	3.2	20.0	
22.0								4.3	3.9	3.7	3.4	2.3	22.0	
Reeving		8						7					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 75 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 11t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★		38.3	38.3	38.3	38.3			38.3★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0		19.0	20.0	25.0	29.0	36.0							6.0	
7.0		17.0	18.0	23.0	26.5	28.5		16.0	20.0	23.5	27.0	27.0	7.0	
8.0		15.5	16.5	21.0	23.5	23.0		14.5	18.0	21.5	22.5	22.0	8.0	
9.0		14.0	15.0	19.0	19.5	19.0		13.5	16.5	19.5	19.0	18.0	9.0	
10.0		13.0	14.0	16.5	16.1	15.6		12.5	15.5	16.5	15.5	15.0	10.0	
11.0		12.0	13.0	14.0	13.6	13.1		11.5	14.0	14.0	13.0	12.5	11.0	
12.0		11.0	12.0	12.0	11.6	11.1		10.5	12.5	12.0	11.0	10.5	12.0	
14.0		9.8	9.8	9.3	9.0	8.6		9.2	9.6	9.2	8.5	8.1	14.0	
16.0		8.1	7.7	7.3	7.0	6.6		8.1	7.5	7.1	6.5	6.1	16.0	
18.0		6.6	6.2	5.8	5.5	5.1		6.6	6.0	5.6	5.0	4.6	18.0	
20.0		5.4	5.0	4.6	4.3	3.9		5.4	4.8	4.4	3.9	3.5	20.0	
22.0		4.4	4.0	3.6	3.3	3.0		4.5	3.9	3.5	3.0	2.6	22.0	
24.0		3.7	3.3	2.9	2.6	2.3		3.7	3.2	2.8	2.3	1.9	24.0	
26.0		3.0	2.7	2.3	2.0	1.7		3.1	2.6	2.2	1.7	1.3	26.0	
28.0		2.5	2.2	1.8	1.5	1.2		2.5	2.0	1.6	1.1	0.9	28.0	
Reeving		6						5					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 76 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 11t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★			58.5★
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0													6.0	
7.0													7.0	
8.0													8.0	
9.0		14.5	17.0	18.5	18.0								9.0	
10.0		13.5	15.5	16.1	15.5	14.0	16.0	15.5					10.0	
11.0		12.5	14.5	13.6	13.0	13.0	14.0	13.0	13.0	13.0			11.0	
12.0		11.5	12.5	11.6	11.0	12.0	12.0	11.0	12.0	11.5			12.0	
14.0		10.0	9.5	8.8	8.2	10.0	9.2	8.5	9.5	8.8	9.1	9.0	14.0	
16.0		8.0	7.5	6.8	6.2	7.9	7.1	6.4	7.5	6.8	7.1	7.3	16.0	
18.0		6.4	5.9	5.2	4.7	6.3	5.6	4.9	6.0	5.3	5.6	5.7	18.0	
20.0		5.3	4.8	4.1	3.6	5.1	4.4	3.8	4.8	4.1	4.4	4.5	20.0	
22.0		4.3	3.8	3.1	2.6	4.2	3.5	2.9	3.8	3.1	3.5	3.6	22.0	
24.0		3.5	3.1	2.4	1.9	3.4	2.7	2.1	3.0	2.4	2.7	2.8	24.0	
26.0		2.9	2.4	1.8	1.3	2.8	2.1	1.5	2.4	1.8	2.1	2.2	26.0	
28.0						2.3	1.5	1.0	1.9	1.3	1.5	1.6	28.0	
30.0											1.1	1.2	30.0	
Reeving		4				3			3		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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 77 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 7t counterweight, over full range													
Radius (m)			Boom length (m)									Radius (m)	
	12.5★	16.8	16.8	16.8	16.8★	21.1	21.1	21.1	21.1	21.1★			
3.0	70.0*	37.0	60.0	60.0	60.0	24.0	40.0	50.0	50.0	50.0	3.0		
3.5	62.0	35.0	58.0	58.0	58.0	23.0	38.0	50.0	50.0	50.0	3.5		
4.0	56.0	33.0	56.0	56.0	56.0	22.0	36.0	50.0	50.0	50.0	4.0		
4.5	50.0	31.0	52.0	52.0	52.0	21.0	34.0	48.0	48.0	46.0	4.5		
5.0	47.0	29.0	46.0	46.0	46.0	20.0	33.0	46.0	45.0	43.0	5.0		
5.5	38.0	28.0	39.0	39.0	38.0	19.0	31.5	39.0	38.0	36.0	5.5		
6.0	31.0	26.0	33.5	33.0	32.0	18.0	30.0	33.0	32.0	30.5	6.0		
7.0	22.5	24.0	24.5	24.0	23.0	16.0	25.0	25.0	24.0	22.5	7.0		
8.0	17.0	19.0	19.0	18.5	17.5	15.0	20.0	19.0	18.0	17.0	8.0		
9.0	13.0	15.5	15.0	14.5	14.0	13.5	16.0	15.0	14.5	13.5	9.0		
10.0		12.5	12.0	11.4	11.0	12.5	13.5	13.0	12.0	11.0	10.0		
11.0		10.5	10.0	9.5	9.2	11.5	11.5	10.5	9.5	8.4	11.0		
12.0		9.0	8.5	8.0	7.7	10.0	9.7	9.1	8.3	7.2	12.0		
14.0						7.6	7.3	6.7	5.9	4.8	14.0		
16.0						5.8	5.5	4.9	4.2	3.1	16.0		
Reeving	12	12					10				Reeving		
Hook		60t											
Telescoping mode	I	1	1	1	1	1	1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2	1	1	1	2	2	II	
	III	1	1	1	2	1	1	1	2	2	1	III	
	IV	1	1	2	1	1	1	2	2	1	1	IV	
	V	1	2	1	1	1	3	2	1	1	1	V	

Table 78 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 7t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		25.4	25.4	25.4	25.4	25.4★		29.7	29.7	29.7	29.7			29.7★
3.0													3.0	
3.5													3.5	
4.0		25.0	26.0	40.0	46.0	46.0							4.0	
4.5		24.0	24.5	38.0	44.0	44.0							4.5	
5.0		23.0	23.0	36.5	43.0	43.0		20.0	25.0	25.0	40.0	42.0	5.0	
5.5		21.5	21.5	35.0	37.0	36.0		19.0	24.0	24.0	36.0	36.0	5.5	
6.0		20.5	20.5	33.0	32.5	30.5		18.0	23.0	23.0	32.0	31.0	6.0	
7.0		18.5	18.5	26.0	25.0	23.5		16.0	20.5	20.5	25.0	24.0	7.0	
8.0		16.5	16.5	20.0	19.5	18.0		14.0	18.5	18.5	20.0	19.0	8.0	
9.0		15.5	15.0	16.0	15.5	14.0		13.0	16.5	16.5	16.5	15.0	9.0	
10.0		14.0	14.0	14.0	13.0	11.5		12.0	14.5	14.0	13.6	12.4	10.0	
11.0		12.4	12.1	11.8	10.9	9.5		11.0	12.3	12.0	11.6	10.3	11.0	
12.0		10.6	10.3	10.1	9.2	7.9		10.0	10.5	10.2	9.9	8.6	12.0	
14.0		8.0	7.8	7.5	6.7	5.4		8.4	7.9	7.6	7.4	6.1	14.0	
16.0		6.2	6.0	5.7	4.9	3.7		6.6	6.1	5.8	5.6	4.4	16.0	
18.0		4.9	4.7	4.4	3.6	2.5		5.2	4.8	4.5	4.3	3.1	18.0	
20.0		3.9	3.7	3.4	2.6	1.5		4.2	3.8	3.5	3.3	2.1	20.0	
22.0								3.3	2.9	2.6	2.4	1.3	22.0	
Reeving		8						7					Reeving	
Hook		60t										Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	2	2		1	1	1	2	2	II	
	III	1	1	2	2	2		1	2	3	2	2	III	
	IV	2	3	2	2	1		3	3	2	2	2	IV	
	V	3	2	2	1	1		3	2	2	2	1	V	

Table 79 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 7t counterweight, over full range														
Radius (m)		Boom length (m)										Radius (m)		
		34.0	34.0	34.0	34.0	34.0★	38.3	38.3	38.3	38.3	38.3★			
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
5.5													5.5	
6.0		19.0	20.0	25.0	29.0	31.0							6.0	
7.0		17.0	18.0	22.5	25.0	24.0	16.0		20.0	23.5	24.0	23.0	7.0	
8.0		15.5	16.5	20.5	20.0	19.0		14.5	18.0	20.0	19.0	18.0	8.0	
9.0		14.0	15.0	17.0	16.5	16.0	13.5		16.5	16.5	16.0	15.0	9.0	
10.0		13.0	14.0	14.0	13.5	13.0		12.5	14.5	14.0	13.0	12.0	10.0	
11.0		12.0	12.4	11.9	11.5	11.0	11.5		12.0	11.5	11.0	10.0	11.0	
12.0		11.0	10.6	10.1	9.6	9.1		10.5	10.5	10.0	9.3	8.9	12.0	
14.0		8.4	8.0	7.5	7.3	6.8	8.5		7.9	7.5	6.8	6.4	14.0	
16.0		6.6	6.2	5.7	5.5	5.0		6.6	6.0	5.7	5.0	4.6	16.0	
18.0		5.2	4.8	4.4	4.2	3.7	5.3		4.7	4.4	3.7	3.3	18.0	
20.0		4.2	3.9	3.4	3.2	2.8		4.2	3.7	3.4	2.7	2.3	20.0	
22.0		3.4	3.1	2.6	2.4	2.0	3.4		2.9	2.6	1.9	1.5	22.0	
24.0		2.7	2.4	1.9	1.7	1.4		2.7	2.2	1.9	1.3	1.0	24.0	
Reeving		6						5					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	2		1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2		1	2	3	3	2	II	
	III	2	3	3	2	2		3	3	3	2	2	III	
	IV	3	3	2	2	2		3	3	2	2	2	IV	
	V	3	2	2	2	2		3	2	2	2	2	V	

Table 80 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 7t counterweight, over full range														
Boom length (m)														
Radius (m)	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★	Radius (m)		
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0												6.0		
7.0												7.0		
8.0												8.0		
9.0	14.5	16.5	15.5	15.0								9.0		
10.0	13.5	14.0	13.0	12.5	14.0	13.5	13.0					10.0		
11.0	12.5	12.0	11.0	10.5	12.5	11.5	11.0	11.5	11.0			11.0		
12.0	10.5	10.0	9.7	9.0	10.5	9.5	9.0	10.0	9.5	9.5		12.0		
14.0	8.4	7.9	7.1	6.5	8.0	7.0	6.8	7.9	7.2	7.4	7.5	14.0		
16.0	6.6	6.1	5.3	4.8	6.4	5.6	5.0	6.1	5.4	5.7	5.8	16.0		
18.0	5.2	4.7	4.0	3.5	5.1	4.3	3.7	4.7	4.0	4.3	4.4	18.0		
20.0	4.1	3.7	3.0	2.5	4.0	3.3	2.7	3.7	3.0	3.3	3.4	20.0		
22.0	3.3	2.9	2.2	1.7	3.2	2.5	1.9	2.8	2.2	2.5	2.6	22.0		
24.0	2.6	2.2	1.5	1.0	2.5	1.8	1.2	2.2	1.6	1.8	1.9	24.0		
26.0								1.6	1.0	1.3	1.4	26.0		
28.0										0.9	1.0	28.0		
Reeving					3			3		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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 81 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 3t counterweight, over full range														
		Boom length (m)												
Radius (m)		12.5★	16.8	16.8	16.8	16.8★		21.1	21.1	21.1	21.1	21.1★	Radius (m)	
3.0		70.0*	37.0	60.0	60.0	60.0		24.0	40.0	50.0	50.0	50.0	3.0	
3.5		60.0	35.0	58.0	56.0	56.0		23.0	38.0	50.0	50.0	50.0	3.5	
4.0		53.0	33.0	54.0	53.0	52.0		22.0	36.0	50.0	49.0	48.0	4.0	
4.5		48.0	31.0	50.0	49.0	48.0		21.0	34.0	48.0	47.0	44.5	4.5	
5.0		39.0	29.0	40.0	39.0	38.0		20.0	33.0	39.0	38.0	36.0	5.0	
5.5		31.0	28.0	33.5	32.5	31.5		19.0	31.0	32.5	31.5	29.5	5.5	
6.0		25.5	26.0	28.0	27.0	26.0		18.0	28.0	28.0	27.0	25.0	6.0	
7.0		18.0	21.0	20.5	19.5	18.5		16.0	21.0	21.0	20.0	18.0	7.0	
8.0		13.5	16.0	15.5	15.0	14.5		15.0	16.0	16.0	15.0	13.5	8.0	
9.0		10.5	12.5	12.0	11.5	11.0		13.5	13.0	12.5	11.5	10.5	9.0	
10.0			10.0	9.5	9.0	8.5		11.5	11.0	10.0	9.0	8.3	10.0	
11.0			8.5	8.0	7.5	7.0		9.6	9.3	8.6	7.8	6.6	11.0	
12.0			7.0	6.5	6.0	5.5		8.1	7.8	7.2	6.4	5.2	12.0	
14.0								5.9	5.6	5.0	4.3	3.1	14.0	
16.0								4.4	4.1	3.5	2.8	1.7	16.0	
Reeving		12	12					10					Reeving	
Hook		60t											Hook	
Telescoping mode	I	1	1	1	1	1		1	1	1	1	2	I	Telescoping mode
	II	1	1	1	1	2		1	1	1	2	2	II	
	III	1	1	1	2	1		1	1	2	2	1	III	
	IV	1	1	2	1	1		1	2	2	1	1	IV	
	V	1	2	1	1	1		3	2	1	1	1	V	

Table 82 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 3t counterweight, over full range															
Radius (m)		Boom length (m)										Radius (m)			
		25.4	25.4	25.4	25.4	25.4★	29.7	29.7	29.7	29.7	29.7★				
3.0													3.0		
3.5													3.5		
4.0	25.0	26.0	40.0	46.0	46.0								4.0		
4.5	24.0	24.5	38.0	42.0	41.0								4.5		
5.0	23.0	23.0	36.0	38.0	36.0		20.0	25.0	25.0	38.0	36.0		5.0		
5.5	21.5	21.5	33.0	32.0	30.0			19.0	24.0	24.0	32.0	30.0	5.5		
6.0	20.5	20.5	28.5	27.5	25.5		18.0	22.5	22.5	27.5	25.5		6.0		
7.0	18.5	18.5	22.0	21.0	19.0			16.0	20.0	20.0	21.5	19.5	7.0		
8.0	16.5	16.5	17.0	16.0	14.5		14.0	17.5	17.0	17.0	15.5		8.0		
9.0	14.5	14.0	13.5	12.5	11.5			13.0	14.0	13.5	13.5	12.0	9.0		
10.0	12.0	11.5	11.0	10.0	9.0		12.0	11.5	11.0	11.0	9.5		10.0		
11.0	10.0	9.7	9.4	8.5	7.3			10.5	10.0	9.5	9.2	8.0	11.0		
12.0	8.6	8.3	8.0	7.1	5.9		9.0	8.5	8.0	7.7	6.5		12.0		
14.0	6.4	6.1	5.8	5.0	3.8			6.7	6.2	6.0	5.7	4.5	14.0		
16.0	4.8	4.5	4.3	3.5	2.3		5.1	4.7	4.5	4.2	3.0		16.0		
18.0	3.7	3.4	3.2	2.4	1.2			4.0	3.6	3.4	3.1	1.9	18.0		
20.0							3.1	2.7	2.5	2.2	1.0		20.0		
Reeving		8					7						Reeving		
Hook		60t											Hook		
Telescoping mode	I	1	1	1	1	2		1	1	1	1	2	I	Telescoping mode	
	II	1	1	1	2	2		1	1	1	2	2	II		
	III	1	1	2	2	2		1	2	3	2	2	III		
	IV	2	3	2	2	1			3	3	2	2	2		IV
	V	3	2	2	1	1		3	2	2	2	1	V		

Table 83 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 3t counterweight, over full range													
Boom length (m)												Radius (m)	
Radius (m)	34.0	34.0	34.0	34.0	34.0★	38.3	38.3	38.3	38.3	38.3★			
3.0											3.0		
3.5											3.5		
4.0											4.0		
4.5											4.5		
5.0											5.0		
5.5											5.5		
6.0	19.0	20.0	25.0	26.5	26.0						6.0		
7.0	17.0	18.0	21.0	20.5	20.0	16.0	19.0	20.5	19.5	19.0	7.0		
8.0	15.5	16.5	17.0	16.5	16.0	14.5	17.0	16.5	15.5	15.0	8.0		
9.0	14.0	14.5	14.0	13.5	13.0	13.5	14.0	13.5	12.5	12.0	9.0		
10.0	12.5	12.0	11.5	11.0	10.5	12.0	11.5	11.0	10.5	10.0	10.0		
11.0	10.5	10.0	9.5	9.0	8.5	10.5	10.0	9.5	8.8	8.3	11.0		
12.0	9.0	8.5	8.1	7.7	7.3	9.0	8.4	8.0	7.3	6.8	12.0		
14.0	6.7	6.3	5.9	5.5	5.1	6.8	6.2	5.8	5.1	4.6	14.0		
16.0	5.2	4.8	4.2	4.0	3.6	5.2	4.6	4.2	3.6	3.2	16.0		
18.0	4.0	3.6	3.2	3.0	2.6	4.0	3.5	3.1	2.5	2.1	18.0		
20.0	3.1	2.7	2.3	2.1	1.7	3.1	2.6	2.2	1.6	1.3	20.0		
Reeving		6					5					Reeving	
Hook		€0t										Hook	
Telescoping mode	I	1	1	1	1	2	1	1	1	2	3	I	Telescoping mode
	II	1	1	2	3	2	1	2	3	3	2	II	
	III	2	3	3	2	2	3	3	3	2	2	III	
	IV	3	3	2	2	2	3	3	2	2	2	IV	
	V	3	2	2	2	2	3	2	2	2	2	V	

Table 84 Lifting capacity table (with main boom only)

Unit: tons

Outriggers half extended (5.3 m), with 3t counterweight, over full range														
Radius (m)	Boom length (m)											Radius (m)		
	42.6	42.6	42.6	42.6★	46.9	46.9	46.9★	51.2	51.2★	55.5★	58.5★			
3.0												3.0		
3.5												3.5		
4.0												4.0		
4.5												4.5		
5.0												5.0		
5.5												5.5		
6.0												6.0		
7.0												7.0		
8.0												8.0		
9.0	14.5	14.0	13.0	12.0								9.0		
10.0	12.0	11.5	11.0	10.0	12.0	11.0	10.0					10.0		
11.0	10.0	9.5	9.0	8.5	10.0	9.4	8.7	9.5	9.0			11.0		
12.0	8.9	8.3	7.5	7.0	8.8	7.9	7.2	8.4	7.6	8.0	8.1	12.0		
14.0	6.6	6.1	5.3	4.8	6.5	5.7	5.0	6.1	5.4	5.8	5.9	14.0		
16.0	5.0	4.5	3.8	3.3	4.9	4.1	3.5	4.5	3.8	4.2	4.3	16.0		
18.0	3.9	3.4	2.7	2.2	3.7	3.0	2.4	3.4	2.7	3.0	3.1	18.0		
20.0	3.0	2.5	1.8	1.3	2.8	2.1	1.5	2.5	1.8	2.1	2.2	20.0		
22.0								1.7	1.1	1.4	1.5	22.0		
24.0										0.9	1.0	24.0		
Reeving	4				3			3		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	2	3	3	3	3	3	3	4	III	
	IV	3	3	2	2	3	3	2	3	3	3	4	IV	
	V	3	2	2	2	3	2	2	3	2	3	4	V	

Table 85 Lifting capacity table (with the jib installed)

Unit: tons

Boom angle (°)	Main boom + extension (m)		Main boom + jib (m)												Main boom + extension + jib (m)		Boom angle (°)
	55.5+ 9.5	58.5+ 9.5	55.5+10.4			55.5+17.5			58.5+10.4			58.5+17.5			55.5+9.5 +17.5	58.5+9.5 +17.5	
	Outriggers half extended, with 28t counterweight, over full range																
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°	
80	6.5	6.0	6.0	4.5	3.5	3.5	2.5	1.8	5.0	4.5	3.5	3.5	2.5	1.8	2.3	2.0	80
78	6.5	6.0	6.0	4.5	3.3	3.2	2.3	1.7	5.0	4.5	3.3	3.2	2.3	1.7	2.1	2.0	78
76	6.2	5.4	5.5	4.5	3.3	3.0	2.0	1.6	4.8	4.5	3.3	3.0	2.0	1.6	2.0	1.9	76
74	6.0	5.1	5.5	4.5	3.3	2.8	1.8	1.5	4.5	4.5	3.3	2.8	1.8	1.6	2.0	1.9	74
72	5.6	4.8	5.0	4.2	3.0	2.6	1.8	1.5	4.5	4.2	3.0	2.6	1.8	1.5	1.9	1.8	72
70	5.2	4.5	4.5	4.2	3.0	2.4	1.8	1.5	4.2	4.2	3.0	2.4	1.8	1.4	1.8	1.7	70
68	4.8	4.2	4.2	3.9	3.0	2.2	1.7	1.4	4.2	3.9	3.0	2.2	1.7	1.4	1.7	1.6	68
66	4.4	4.0	4.0	3.7	2.8	2.0	1.6	1.3	4.0	3.7	2.8	2.0	1.6	1.3	1.6	1.5	66
64	4.1	3.8	3.7	3.3	2.8	1.9	1.6	1.3	3.7	3.3	2.8	1.9	1.6	1.3	1.5	1.4	64
62	3.8	3.5	3.4	3.1	2.8	1.8	1.5	1.3	3.4	3.1	2.8	1.8	1.5	1.3	1.5	1.4	62
60	3.6	3.3	3.2	2.9	2.6	1.7	1.4	1.2	3.1	2.8	2.6	1.7	1.4	1.2	1.4	1.3	60
58	3.4	3.1	2.9	2.7	2.4	1.6	1.3	1.2	2.8	2.5	2.4	1.6	1.3	1.2	1.4	1.3	58
56	3.2	2.9	2.5	2.3	2.1	1.5	1.3	1.2	2.5	2.3	2.1	1.5	1.3	1.2	1.3	1.2	56
54	3.0	2.7	2.2	2.0	1.8	1.4	1.3	1.1	2.2	2.0	1.8	1.4	1.3	1.1	1.2	1.1	54
52	2.8	2.5	2.0	1.8	1.6	1.4	1.2	1.1	2.0	1.8	1.6	1.4	1.2	1.1	1.2	1.1	52
50	2.6	2.4	1.9	1.7	1.5	1.4	1.2	1.1	1.9	1.7	1.5	1.4	1.2	1.1	1.1	1.0	50
48	2.4	2.2	1.8	1.6	1.4	1.3	1.2	1.1	1.8	1.6	1.4	1.3	1.1	1.0	1.0	0.9	48
46	2.2	2.0	1.7	1.5	1.3	1.2	1.1	1.0	1.7	1.5	1.3	1.2	1.1	1.0			46
44	2.0	1.8	1.6	1.4	1.2	1.2	1.1	1.0	1.6	1.4	1.2	1.1	1.0	0.9			44
42	1.8	1.6	1.5	1.3	1.1	1.1	1.0	0.9	1.5	1.3	1.1	1.1	1.0	0.9			42
40	1.7	1.5	1.4	1.2	1.0	1.0	0.9	0.8	1.4	1.2	1.0	1.0	0.9	0.8			40
38	1.6	1.4	1.3	1.1	0.9	0.9			1.3	1.1	0.9	0.9					38
36	1.5	1.3	1.2						1.2								36
Reeving	1																Reeving
Hook	6.5t																Hook

Table 86 Lifting capacity table (with the jib installed)

Unit: tons

Boom angle (°)	Main boom + extension (m)		Main boom + jib (m)												Main boom + extension + jib (m)		Boom angle (°)
	55.5 + 9.5	58.5 + 9.5	55.5+10.4			55.5+17.5			58.5+10.4			58.5+17.5			55.5+ 9.5 +17.5	58.5+9 .5 +17.5	
	Outriggers half extended, with 23t counterweight, over full range																
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°	
80	6.5	6.0	6.0	4.5	3.5	3.5	2.5	1.8	5.0	4.5	3.5	3.5	2.5	1.8	2.3	2.0	80
78	6.5	6.0	6.0	4.5	3.3	3.2	2.3	1.7	5.0	4.5	3.3	3.2	2.3	1.7	2.1	2.0	78
76	6.2	5.4	5.5	4.5	3.3	3.0	2.0	1.6	4.8	4.5	3.3	3.0	2.0	1.6	2.0	1.9	76
74	6.0	5.1	5.5	4.5	3.3	2.8	1.8	1.5	4.5	4.5	3.3	2.8	1.8	1.6	2.0	1.9	74
72	5.6	4.8	5.0	4.2	3.0	2.6	1.8	1.5	4.5	4.2	3.0	2.6	1.8	1.5	1.9	1.8	72
70	5.2	4.5	4.5	4.2	3.0	2.4	1.8	1.5	4.2	4.2	3.0	2.4	1.8	1.4	1.8	1.7	70
68	4.8	4.2	4.2	3.9	3.0	2.2	1.7	1.4	4.2	3.9	3.0	2.2	1.7	1.4	1.7	1.6	68
66	4.4	4.0	4.0	3.7	2.8	2.0	1.6	1.3	4.0	3.7	2.8	2.0	1.6	1.3	1.6	1.5	66
64	4.1	3.8	3.7	3.3	2.8	1.9	1.6	1.3	3.7	3.3	2.8	1.9	1.6	1.3	1.5	1.4	64
62	3.8	3.5	3.4	3.1	2.8	1.8	1.5	1.3	3.4	3.1	2.8	1.8	1.5	1.3	1.5	1.4	62
60	3.6	3.3	3.2	2.9	2.6	1.7	1.4	1.2	3.2	2.9	2.6	1.7	1.4	1.2	1.4	1.3	60
58	3.4	3.1	2.9	2.7	2.4	1.6	1.3	1.2	2.9	2.7	2.4	1.6	1.3	1.2	1.4	1.3	58
56	3.2	2.9	2.5	2.3	2.1	1.5	1.3	1.2	2.5	2.3	2.1	1.5	1.3	1.2	1.3	1.2	56
54	2.9	2.7	2.2	2.0	1.8	1.4	1.3	1.1	2.2	2.0	1.8	1.4	1.3	1.1	1.2	1.1	54
52	2.6	2.4	2.0	1.8	1.6	1.4	1.2	1.1	2.0	1.8	1.6	1.3	1.2	1.1	1.2	1.1	52
50	2.3	2.1	1.9	1.7	1.5	1.4	1.2	1.1	1.9	1.7	1.5	1.3	1.2	1.1			50
48	2.1	1.9	1.8	1.6	1.4	1.3	1.2	1.1	1.7	1.5	1.3	1.2	1.1	1.0			48
46	1.9	1.7	1.7	1.5	1.3	1.2	1.1	1.0	1.5	1.3	1.2	1.1	1.0	0.9			46
44	1.7	1.5	1.6	1.4	1.2	1.2	1.1	1.0	1.3	1.2	1.1	1.0	0.9	0.8			44
42	1.5	1.3	1.5	1.3	1.1	1.1			1.2	1.1	1.0	0.9					42
40	1.3	1.1	1.4						1.0								40
Reeving	1																Reeving
Hook	6.5t																Hook

Table 87 Lifting capacity table (with the jib installed)

Unit: tons

Boom angle (°)	Main boom + extension (m)		Main boom + jib (m)												Main boom + extension + jib (m)		Boom angle (°)
	55.5+ 9.5	58.5+ 9.5	55.5+10.4			55.5+17.5			58.5+10.4			58.5+17.5			55.5+9.5 +17.5	58.5+9.5 +17.5	
	Outriggers half extended, with 19t counterweight, over full range																
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°	
80	6.5	6.0	6.0	4.5	3.5	3.5	2.5	1.8	5.0	4.5	3.5	3.5	2.5	1.8	2.3	2.0	80
78	6.5	6.0	6.0	4.5	3.3	3.2	2.3	1.7	5.0	4.5	3.3	3.2	2.3	1.7	2.1	2.0	78
76	6.2	5.4	5.5	4.5	3.3	3.0	2.0	1.6	4.8	4.5	3.3	3.0	2.0	1.6	2.0	1.9	76
74	6.0	5.1	5.5	4.5	3.3	2.8	1.8	1.5	4.5	4.5	3.3	2.8	1.8	1.6	2.0	1.9	74
72	5.6	4.8	5.0	4.2	3.0	2.6	1.8	1.5	4.5	4.2	3.0	2.6	1.8	1.5	1.9	1.8	72
70	5.2	4.5	4.5	4.2	3.0	2.4	1.8	1.5	4.2	4.2	3.0	2.4	1.8	1.4	1.8	1.7	70
68	4.8	4.2	4.2	3.9	3.0	2.2	1.7	1.4	4.2	3.9	3.0	2.2	1.7	1.4	1.7	1.6	68
66	4.4	4.0	4.0	3.7	2.8	2.0	1.6	1.3	4.0	3.7	2.8	2.0	1.6	1.3	1.6	1.5	66
64	4.1	3.8	3.7	3.3	2.8	1.9	1.6	1.3	3.7	3.3	2.8	1.9	1.6	1.3	1.5	1.4	64
62	3.8	3.5	3.4	3.1	2.8	1.8	1.5	1.3	3.4	3.1	2.8	1.8	1.5	1.3	1.5	1.4	62
60	3.6	3.3	3.2	2.9	2.6	1.7	1.4	1.2	3.2	2.9	2.6	1.7	1.4	1.2	1.4	1.3	60
58	3.2	2.9	2.9	2.7	2.4	1.6	1.3	1.2	2.6	2.5	2.3	1.6	1.3	1.2	1.4	1.3	58
56	2.8	2.5	2.5	2.3	2.1	1.5	1.3	1.2	2.3	2.2	2.0	1.5	1.3	1.2	1.3	1.2	56
54	2.5	2.2	2.2	2.0	1.8	1.4	1.3	1.1	2.0	1.9	1.6	1.4	1.3	1.1	1.2	1.0	54
52	2.2	2.0	2.0	1.8	1.6	1.4	1.2	1.1	1.8	1.7	1.4	1.3	1.2	1.1			52
50	2.0	1.8	1.8	1.7	1.5	1.3	1.1	1.0	1.6	1.5	1.2	1.1	1.0	1.0			50
48	1.8	1.6	1.6	1.5	1.4	1.2	1.1	1.0	1.4	1.3	1.2	1.0					48
46	1.6	1.4	1.4	1.3	1.2	1.1	1.0	1.0	1.2								46
44	1.4	1.2	1.2	1.1	1.0	0.9											44
42	1.2	1.0	1.1	1.0	1.0												42
40	1.0	0.8	1.0														40
Reeving	1																Reeving
Hook	6.5t																Hook

Table 88 Lifting capacity table (with the jib installed)

Unit: tons																		
Boom angle (°)	Main boom + extension (m)		Main boom + jib (m)												Main boom + extension + jib (m)		Boom angle (°)	
	55.5+9.5	58.5+9.5	55.5+10.4			55.5+17.5			58.5+10.4			58.5+17.5			55.5+9.5+17.5	58.5+9.5+17.5		
	Outriggers half extended, with 15t counterweight, over full range																	
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°		
80	6.5	6.0	6.0	4.5	3.5	3.5	2.5	1.8	5.0	4.5	3.5	3.5	2.5	1.8	2.3	2.0	80	
78	6.5	6.0	6.0	4.5	3.3	3.2	2.3	1.7	5.0	4.5	3.3	3.2	2.3	1.7	2.1	2.0	78	
76	6.2	5.4	5.5	4.5	3.3	3.0	2.0	1.6	4.8	4.5	3.3	3.0	2.0	1.6	2.0	1.9	76	
74	6.0	5.1	5.5	4.5	3.3	2.8	1.8	1.5	4.5	4.5	3.3	2.8	1.8	1.6	2.0	1.9	74	
72	5.6	4.8	5.0	4.2	3.0	2.6	1.8	1.5	4.5	4.2	3.0	2.6	1.8	1.5	1.9	1.8	72	
70	5.2	4.5	4.5	4.2	3.0	2.4	1.8	1.5	4.2	4.2	3.0	2.4	1.8	1.4	1.8	1.7	70	
68	4.8	4.2	4.2	3.9	3.0	2.2	1.7	1.4	4.2	3.9	3.0	2.2	1.7	1.4	1.7	1.6	68	
66	4.4	4.0	4.0	3.7	2.8	2.0	1.6	1.3	3.8	3.5	2.8	2.0	1.6	1.3	1.6	1.5	66	
64	4.0	3.6	3.7	3.3	2.8	1.9	1.6	1.3	3.3	3.1	2.8	1.9	1.6	1.3	1.5	1.4	64	
62	3.5	3.1	3.3	3.1	2.8	1.8	1.5	1.3	2.9	2.7	2.5	1.8	1.5	1.3	1.4	1.3	62	
60	3.0	2.7	2.9	2.7	2.6	1.7	1.4	1.2	2.5	2.4	2.3	1.7	1.4	1.1	1.3	1.2	60	
58	2.7	2.3	2.5	2.3	2.2	1.6	1.3	1.2	2.2	2.1	2.0	1.6	1.3	1.1	1.2	1.1	58	
56	2.4	2.0	2.2	2.0	1.9	1.5	1.2	1.1	1.9	1.8	1.7	1.4	1.2	1.1			56	
54	2.1	1.7	1.9	1.8	1.7	1.4	1.2	1.1	1.6	1.5	1.4	1.2	1.1	1.0			54	
52	1.8	1.4	1.7	1.6	1.5	1.2	1.1	1.1	1.4	1.3	1.2	1.0					52	
50	1.5	1.2	1.5	1.4	1.3	1.0			1.2	1.1	1.0						50	
48	1.2	1.0	1.3	1.2	1.1				1.0								48	
46	1.0	0.8	1.1														46	
Reeving	1																Reeving	
Hook	6.5t																Hook	

Table 89 Lifting capacity table (with the jib installed)

Unit: tons

Boom angle (°)	Main boom + extension (m)		Main boom + jib (m)												Main boom + extension + jib (m)		Boom angle (°)
	55.5+ 9.5	58.5+ 9.5	55.5+10.4			55.5+17.5			58.5+10.4			58.5+17.5			55.5+9.5 +17.5	58.5+9.5 +17.5	
	Outriggers half extended, with 11t counterweight, over full range																
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°	
80	6.5	6.0	6.0	4.5	3.5	3.5	2.5	1.8	5.0	4.5	3.5	3.5	2.5	1.8	2.3	2.0	80
78	6.5	6.0	6.0	4.5	3.3	3.2	2.3	1.7	5.0	4.5	3.3	3.2	2.3	1.7	2.1	2.0	78
76	6.2	5.4	5.5	4.5	3.3	3.0	2.0	1.6	4.8	4.5	3.3	3.0	2.0	1.6	2.0	1.9	76
74	6.0	5.1	5.5	4.5	3.3	2.8	1.8	1.5	4.5	4.5	3.3	2.8	1.8	1.6	2.0	1.9	74
72	5.6	4.8	5.0	4.2	3.0	2.6	1.8	1.5	4.5	4.2	3.0	2.6	1.8	1.5	1.9	1.8	72
70	5.2	4.4	4.5	4.2	3.0	2.4	1.8	1.5	4.2	3.9	3.0	2.4	1.8	1.4	1.8	1.7	70
68	4.4	3.8	4.2	3.8	3.0	2.2	1.7	1.4	3.7	3.5	3.0	2.2	1.7	1.4	1.7	1.6	68
66	3.9	3.3	3.6	3.3	2.8	2.0	1.6	1.3	3.2	3.0	2.8	2.0	1.6	1.3	1.6	1.5	66
64	3.4	2.8	3.1	2.9	2.8	1.9	1.6	1.3	2.8	2.6	2.4	1.8	1.5	1.3	1.5	1.4	64
62	2.9	2.4	2.7	2.5	2.4	1.8	1.5	1.3	2.4	2.2	2.0	1.7	1.4	1.2	1.4	1.3	62
60	2.5	2.0	2.3	2.1	2.0	1.7	1.4	1.2	2.0	1.9	1.8	1.5	1.3	1.1			60
58	2.1	1.7	2.0	1.8	1.7	1.5	1.3	1.2	1.7	1.6	1.5	1.2	1.1	1.0			58
56	1.8	1.4	1.7	1.6	1.5	1.2	1.1	1.1	1.4	1.3	1.2	1.0					56
54	1.5	1.2	1.4	1.3	1.2	1.0			1.1	1.0	0.9						54
52	1.2	1.0	1.1	1.0	1.0				0.9								52
50	1.0	0.8	1.0														50
Reeving	1																Reeving
Hook	6.5t																Hook

Table 90 Lifting capacity table (with the jib installed)

Unit: tons

Boom angle (°)	Main boom + extension (m)		Main boom + jib (m)												Main boom + extension + jib (m)		Boom angle (°)	
	55. 5+ 9.5	58.5 + 9.5	55.5+10.4			55.5+17.5			58.5+10.4			58.5+17.5			55.5+9.5 +17.5	58.5+9. 5 +17.5		
	Outriggers half extended, with 7t counterweight,over full range																	
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°		
80	6.5	6.0	6.0	4.5	3.5	3.5	2.5	1.8	5.0	4.5	3.5	3.5	2.5	1.8	2.2	2.0	80	
78	6.5	6.0	5.5	4.5	3.3	3.2	2.3	1.7	5.0	4.5	3.3	3.2	2.3	1.7	2.1	2.0	78	
76	6.2	5.4	5.5	4.5	3.3	3.0	2.0	1.6	4.8	4.5	3.3	3.0	2.0	1.6	2.0	1.9	76	
74	5.9	4.8	5.0	4.5	3.3	2.8	1.8	1.5	4.5	4.5	3.3	2.8	1.8	1.6	2.0	1.9	74	
72	5.0	4.2	4.5	4.2	3.0	2.6	1.8	1.5	4.3	4.0	3.0	2.6	1.8	1.5	1.9	1.8	72	
70	4.1	3.6	4.0	3.8	3.0	2.4	1.8	1.5	3.7	3.4	3.0	2.4	1.8	1.4	1.8	1.7	70	
68	3.6	3.1	3.5	3.3	3.0	2.2	1.7	1.4	3.1	2.9	2.7	2.2	1.7	1.4	1.7	1.6	68	
66	3.1	2.7	3.0	2.8	2.6	2.0	1.6	1.3	2.6	2.4	2.2	2.0	1.6	1.3	1.6	1.3	66	
64	2.6	2.3	2.5	2.3	2.2	1.8	1.5	1.3	2.1	2.0	1.9	1.6	1.4	1.2	1.3	1.0	64	
62	2.2	1.9	2.1	1.9	1.8	1.6	1.4	1.2	1.7	1.6	1.5	1.3	1.1	1.0			62	
60	1.8	1.6	1.7	1.6	1.5	1.3	1.1	1.0	1.4	1.3	1.2	1.0					60	
58	1.5	1.3	1.4	1.3	1.2	1.0			1.1								58	
56	1.2	1.0	1.1														56	
Reeving	1																Reeving	
Hook	6.5t																Hook	

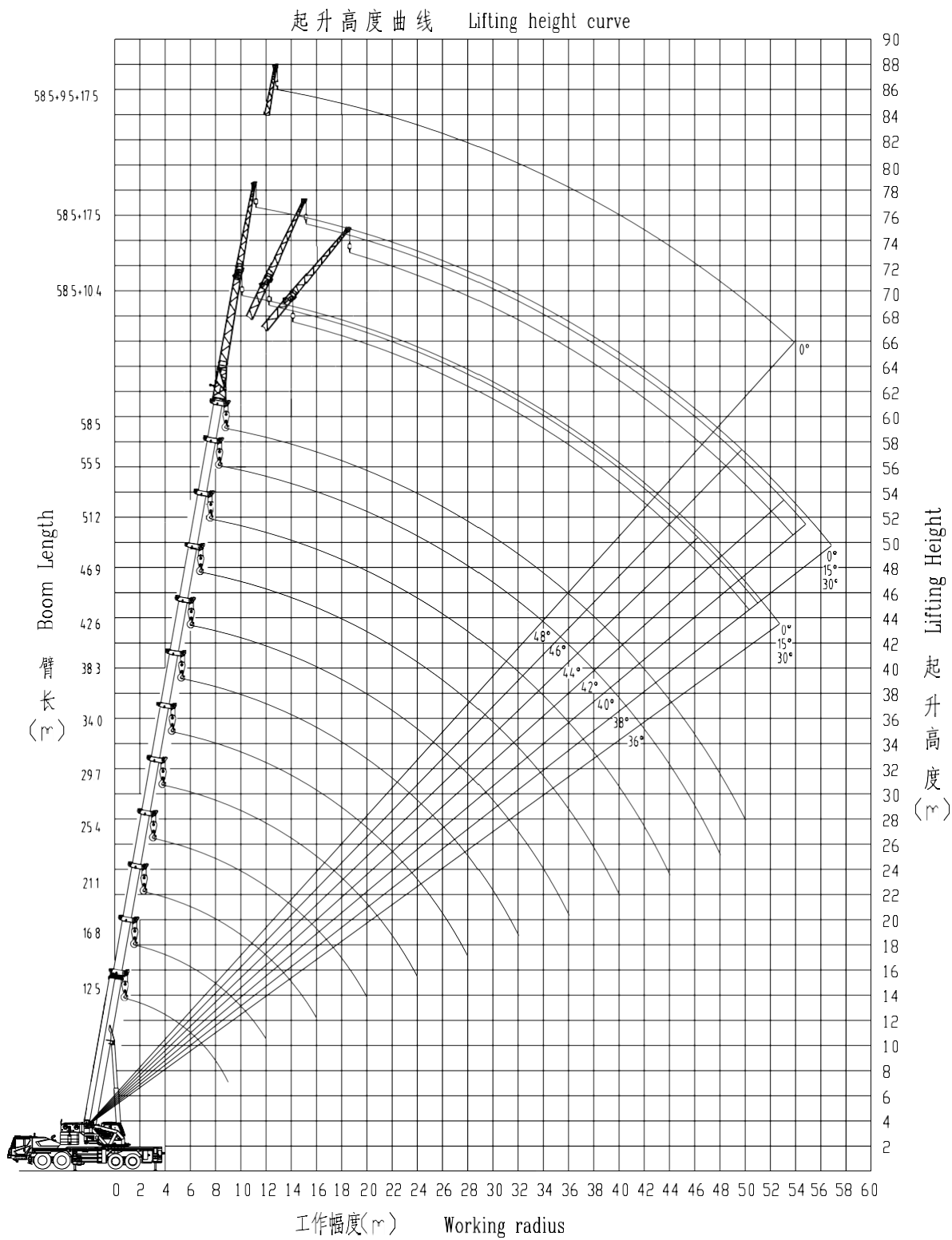
Table 91 Lifting capacity table (with the jib installed)

Unit: tons

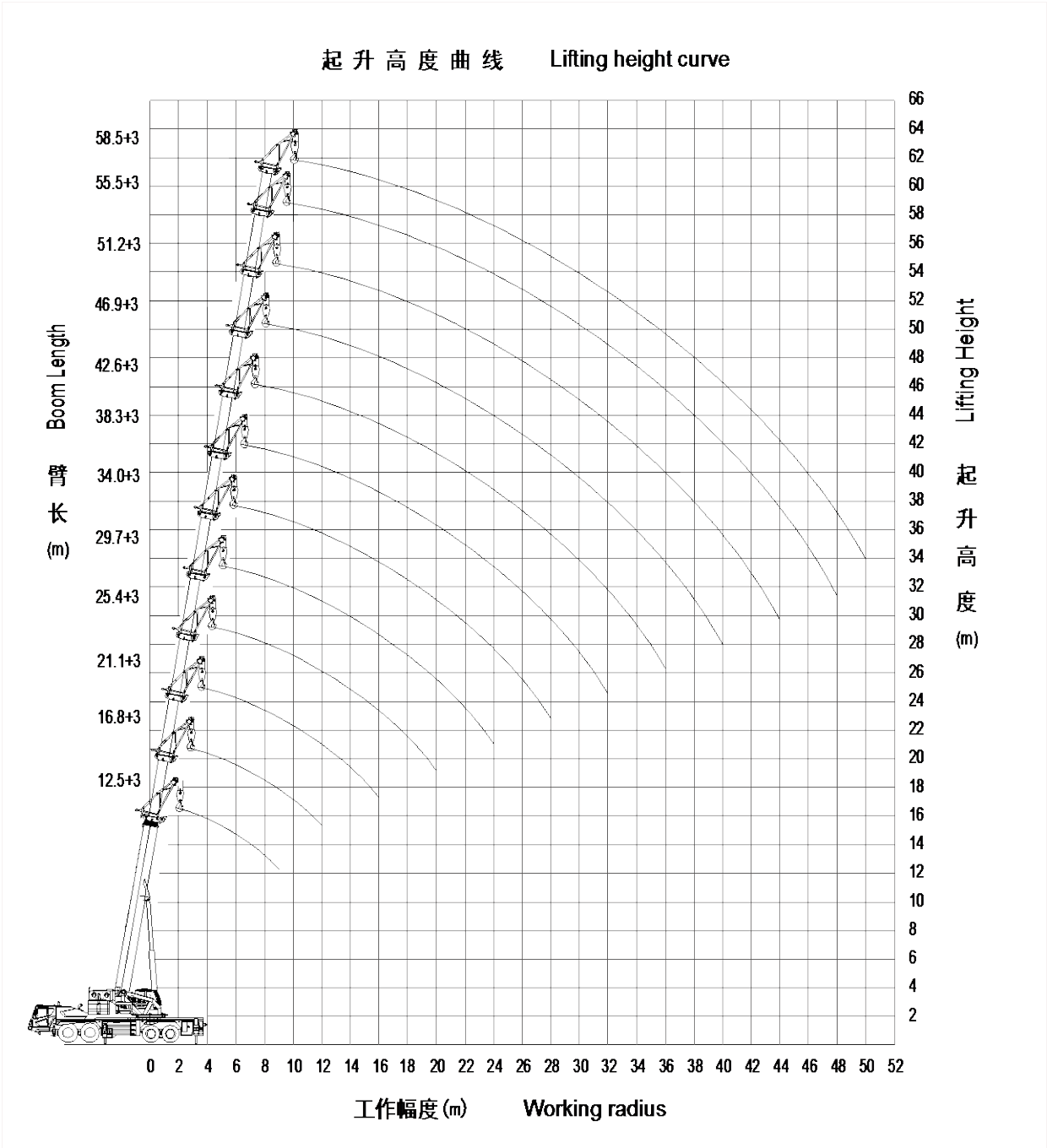
Boom angle (°)	Main boom + extension (m)		Main boom + jib (m)												Main boom + extension + jib (m)		Boom angle (°)
	55.5+ 9.5	58.5+ 9.5	55.5+10.4			55.5+17.5			58.5+10.4			58.5+17.5			55.5+ 9.5 +17.5	58.5+ 9.5 +17.5	
	Outriggers half extended, with 3t counterweight, over full range																
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°	
80	6.5	6.0	6.0	4.5	3.5	3.5	2.5	1.8	5.0	4.5	3.5	3.5	2.5	1.8	2.2	2.0	80
78	6.5	6.0	5.5	4.5	3.3	3.2	2.3	1.7	5.0	4.5	3.3	3.2	2.3	1.7	2.1	2.0	78
76	5.5	5.0	5.5	4.5	3.3	3.0	2.0	1.6	4.8	4.5	3.3	3.0	2.0	1.6	2.0	1.9	76
74	5.0	4.2	5.0	4.3	3.3	2.8	1.8	1.5	4.3	3.8	3.3	2.8	1.8	1.6	2.0	1.9	74
72	4.0	3.4	4.0	3.6	3.0	2.6	1.8	1.5	3.5	3.2	2.9	2.6	1.8	1.5	1.9	1.8	72
70	3.4	2.8	3.4	3.0	2.8	2.4	1.8	1.5	2.9	2.6	2.4	2.4	1.7	1.4	1.7	1.6	70
68	2.8	2.4	2.8	2.5	2.3	2.1	1.7	1.4	2.3	2.1	1.9	1.7	1.5	1.2	1.5	1.2	68
66	2.3	2.0	2.2	2.0	1.9	1.6	1.4	1.3	1.8	1.7	1.5	1.3	1.1	1.0			66
64	1.9	1.6	1.8	1.6	1.5	1.3	1.1	1.0	1.4	1.3	1.1	1.0					64
62	1.5	1.2	1.4	1.2	1.1	1.0			1.0								62
60	1.1	0.8	1.0														60
Reeving	1																Reeving
Hook	6.5t																Hook

2.5 Lifting height chart

Lifting height chart with the main boom and jib installed



Lifting height chart with the main boom and tip boom installed



2.6 Overall view (Unit: Metric mm)

