

ZOOMLION TELESCOPIC CRAWLER CRANE ZCT1500



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4.0
PRODUCTS

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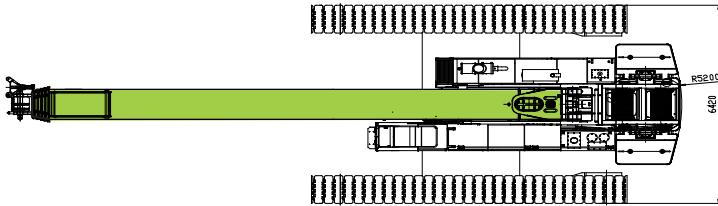
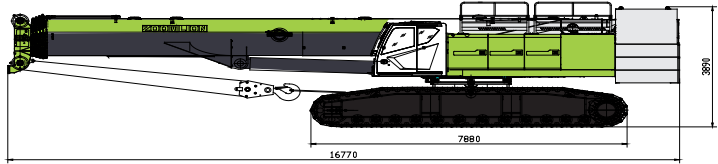
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Highlights

- **Stronger lifting capacity:**
the max. lifting moment of the basic boom is 5220kN.m, leading the industry; The longest main boom is 65m and the max. lifting load is leading in the industry; The lifting performance of medium and long boom is outstanding, and the lifting capacity is more than 30% higher than that of our competitors.
- **Easy and fast transportation:**
the width of the whole vehicle is 3.6m, and there is no need to disassemble the crawler frame to meet the width requirements of non road transportation; Convenient transportation, few assembly parts, self-disassembly of movable counterweight, and efficient operation on the construction site.
- **Strong road adaptability:**
the special chassis for large gauge retractable crawler is adopted, which has good stability, large driving force and strong climbing ability.
- **Small working radius:**
the tail turning radius is 5.2m, which meets the requirements of operation in narrow space.
- **Equip with goose head:**
he lifting range of the main boom is increased to meet the needs of special customers.



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Main Technical Parameters

Item		Value	Remarks
Max lifting capacity		t	150
Max lifting moment of basic boom		KN.m	5220
Max lifting moment of main boom(fully extended)		KN.m	2910
Main boom length		m	13.8 ~ 65
Jib length		m	10.2 ~ 18.6
Boom angle		°	-1.5 ~ 82
Jib offset		°	0, 15, 30
Max. single rope speed of the main winch		m/min	142
Max. single rope speed of the auxiliary winch		m/min	142
Derricking up time		s	65
Telescoping out time		s	560
Slewing speed		rpm	0 ~ 1.5
Traveling speed		km/h	0 ~ 1.7
Gradeability		%	40
Deadweight		t	125
Dimension (L x W x H)		mm	16770×6420(3600)×3810
Engine	Model	CUMMINS QBL9-C280	
	Rated power/rotational speed	kw/rpm	209/2100
	Max. output torque	N/rpm	1424 / 1500
	Emission standard	T3	

2.4 Technical data

2.4.1 Overall dimensions

The overall dimensions of this telescopic crawler crane are shown in the figure 2-3.

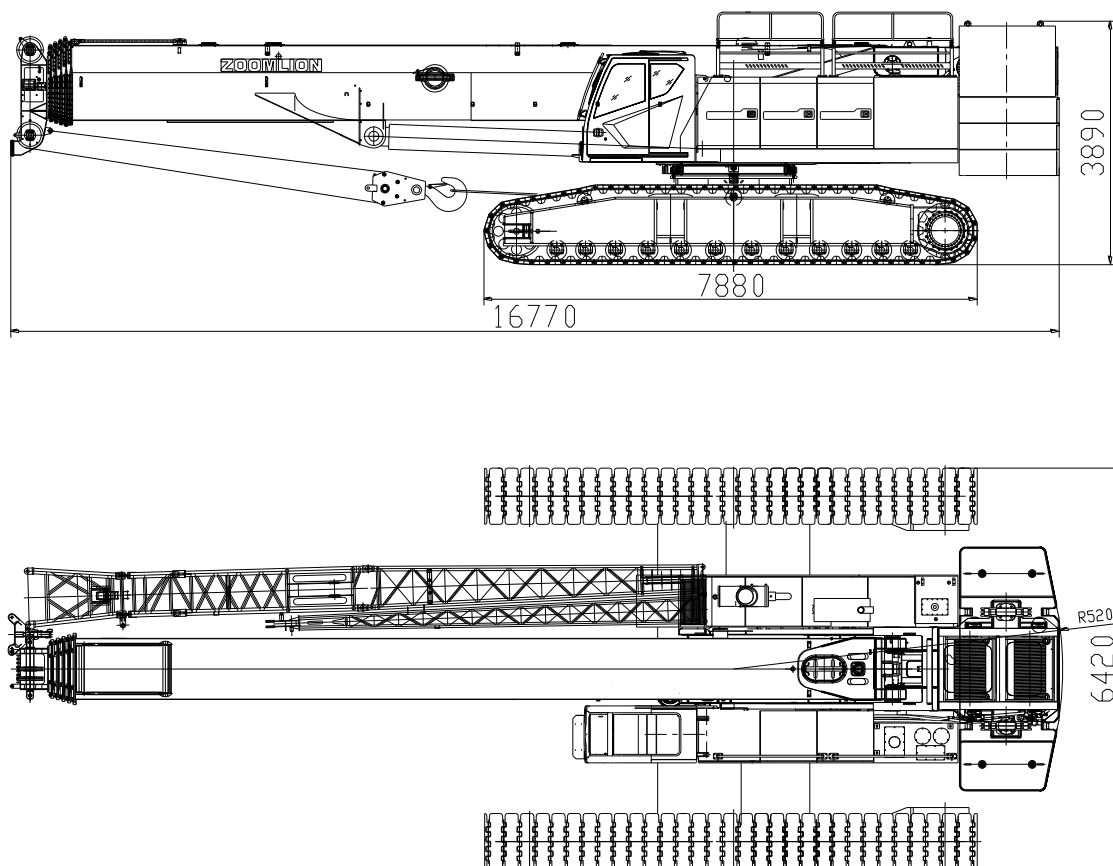


Figure 2-3 Overall dimensions

2.4.2 Main technical parameters

Main technical parameters of this crawler crane are shown in the table 2-4. The item in the table is not the standard configuration of crane. It is subject to the contract signed with the customer.

Table 2-4 Main technical parameters

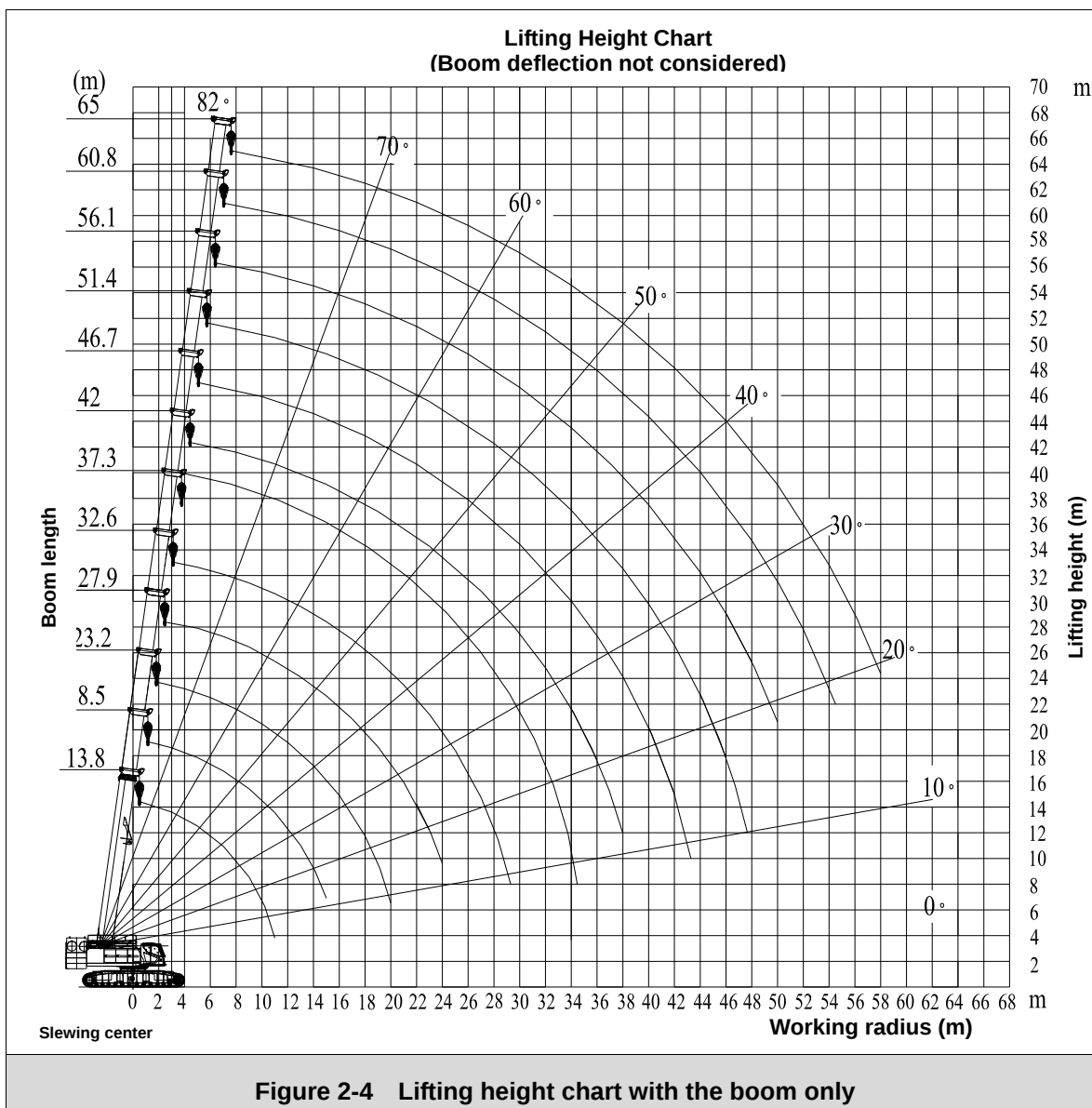
Item		Unit	Value	Remarks
Max. lifting capacity		t	150	
Max. lifting moment		t×m	533	
Boom length		m	13.8-65	
Jib length		m	10.4-17.5	
Max. length of boom with fixed jib		m	65+17.5	
Boom angle		°	-1.5-82	
Jib angle		°	0, 15, 30	
Max. single rope speed of the main hoisting winch		m/min	142	Unloaded, the 4th drum layer
Max. single rope speed of the auxiliary hoisting winch.		m/min	142	Unloaded, the 4th drum layer
Boom derricking up time		s	65	
Slewing speed		rpm	0-1.5	
Traveling speed		km/h	0-1.7	
Max. gradeability		%	40	
Ground pressure		MPa	0.09	
Deadweight		t	125	With the main hook installed
Counterweight		t	40	
Overall dimensions (L × W × H)		mm	16770×6420(3600)×3890	
Engine	Model		Weichai WP10G336E344	Optional: Cummins QSL9-C280
	Rated power / rotational speed	kW/rpm	247/1900	209/2000
	Max. output torque / rotational speed	Nm/rpm	1550/(1100-1400)	1424/1500
	Exhaust emission	/	Chinese National Stage III	U.S Tier 3
Distance between track center × crawler contact length × crawler width		mm	2650×6500×900	Crawler carrier retracted

2.5 Lifting performance

2.5.1 Working radius

2.5.1.1 Lifting performance with boom only

Unit: m



2.5.1.2 Lifting performance with the jib installed

2.5.1.2.1 Lifting performance with the boom and 10.4 m jib

Lifting Height Chart
(Boom deflection not considered)

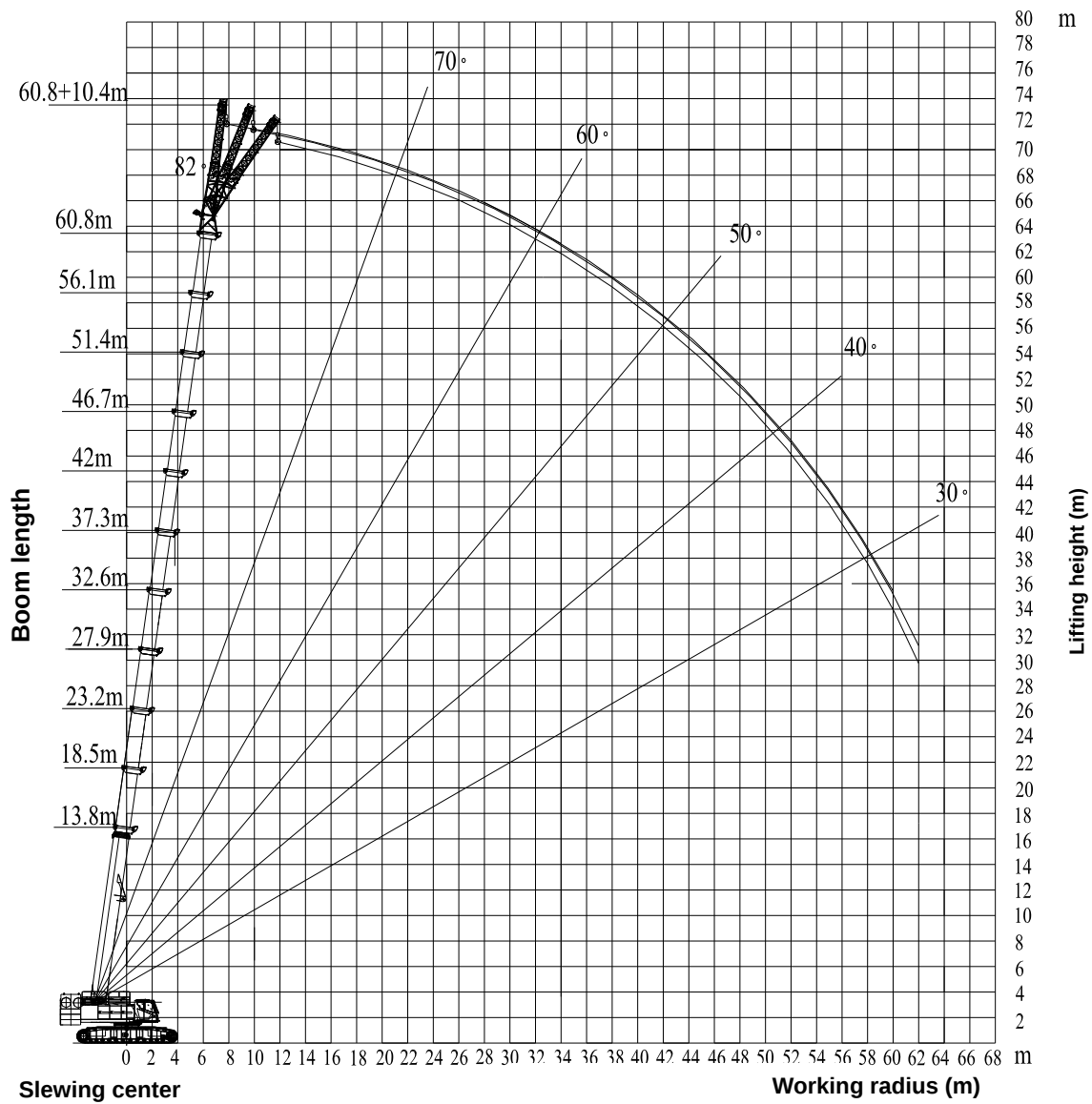


Figure 2-5 Lifting height chart with the jib

Lifting Height Chart
(Boom deflection not considered)

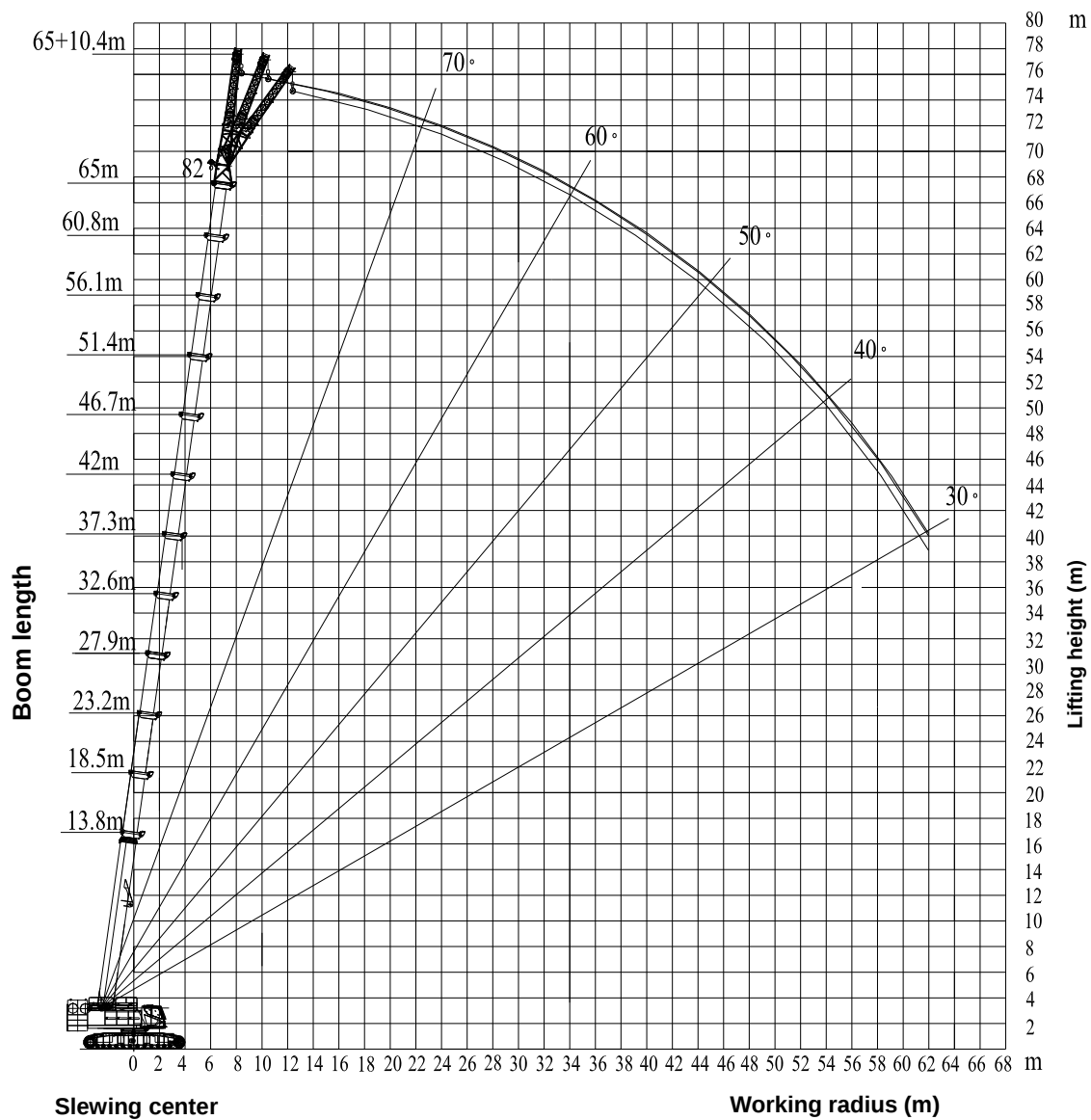


Figure 2-6 Lifting height chart with the jib

2.5.1.2.2 Lifting performance with the boom and 17.5 m jib

Lifting Height Chart
(Boom deflection not considered)

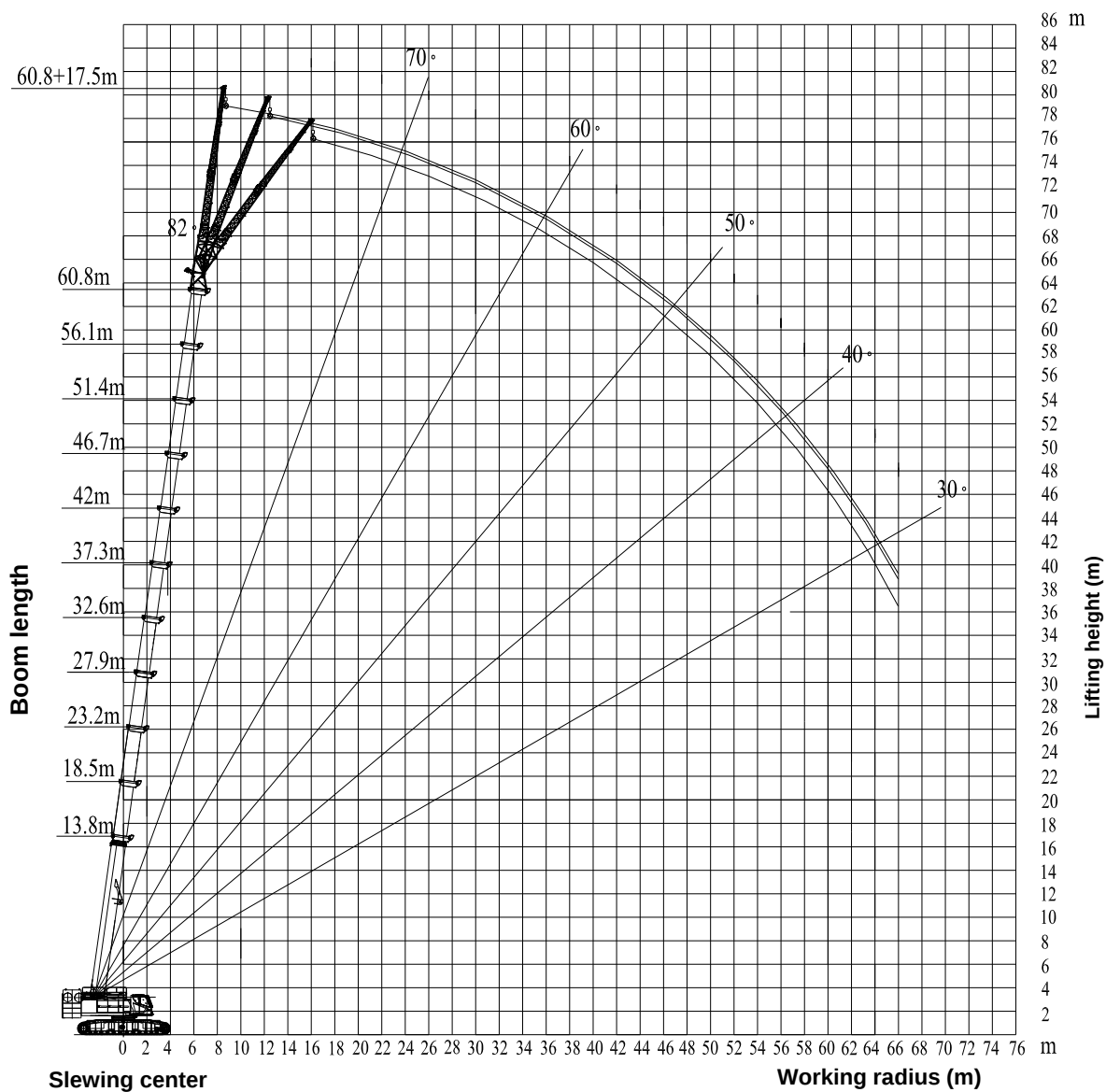


Figure 2-7 Lifting height chart with the jib

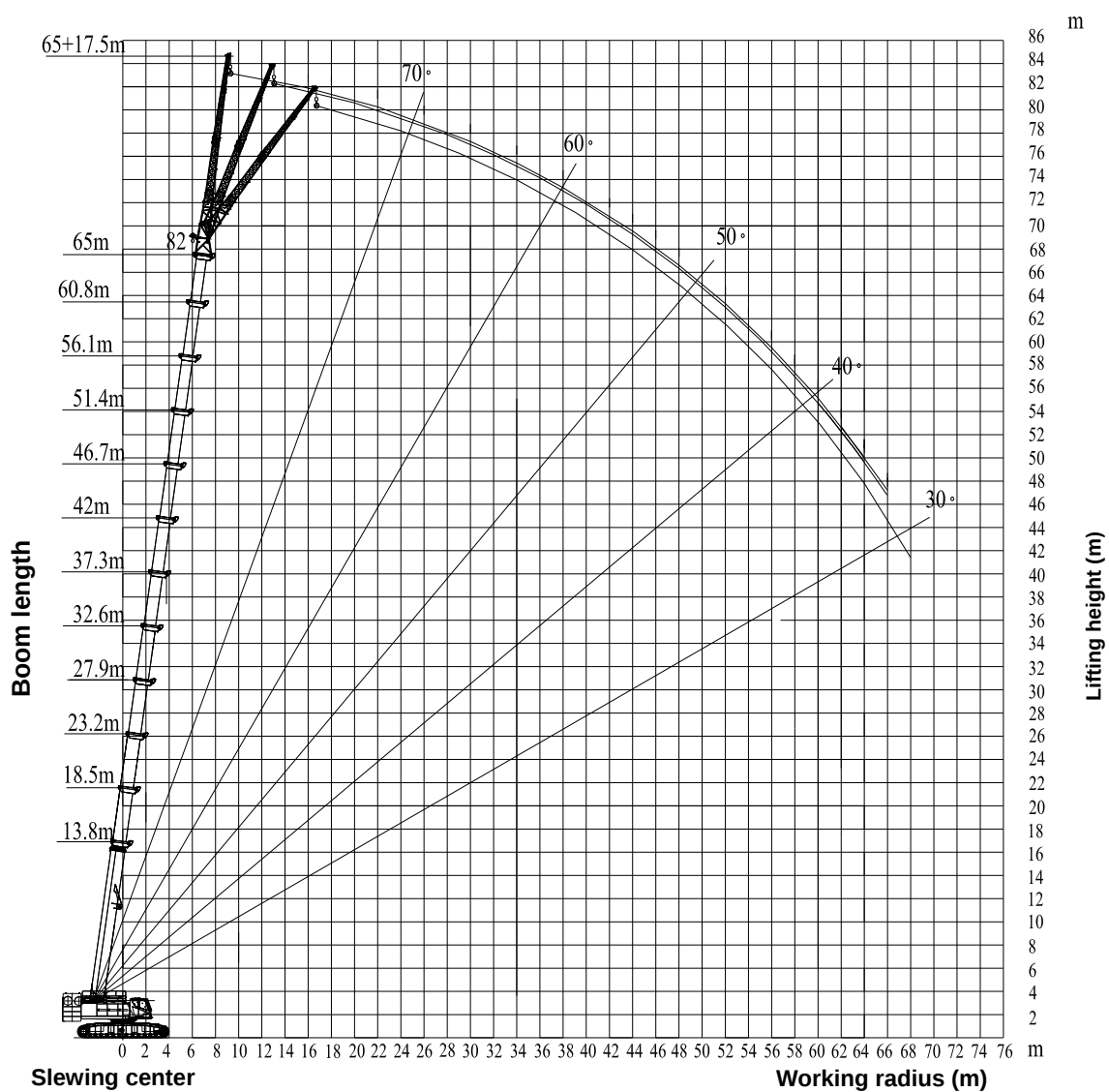


Figure 2-9 Lifting height chart with the jib

2.5.1.2.3 Lifting performance with the boom and 4.9 m tip boom

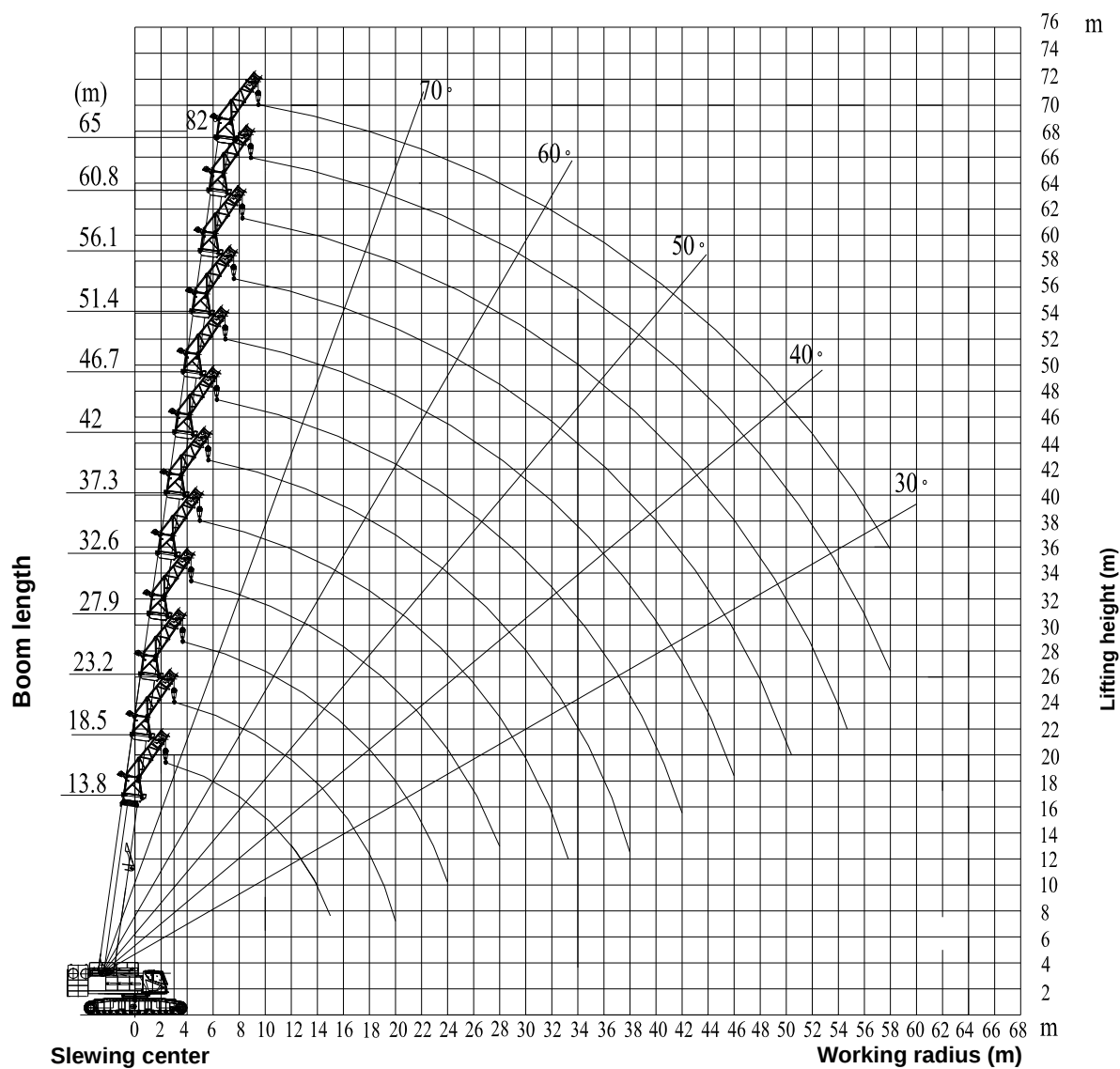


Figure 2-10 Lifting height chart with the tip boom

2.5.2 Rated capacity charts

There are different lifting capacities corresponding to various operating modes of this crane. The operator should determine a lifting capacity according to actual working conditions. The working ground should be firm and flat, with a gradient not exceeding the values indicated in the rated capacity charts.

Refer to Table 2-3 to 2-7 for rated capacities with the boom only;

Refer to Table 2-8 for rated capacities with the boom and jib;

Refer to Table 2-10 to 2-14 for rated capacities for the crane to travel with suspended load on boom (without the jib installed).

Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended															
Working radius		Boom length (m) Overall gradient											Working radius		
		13.8 ★			18.5★			18.5			18.5				
		0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°			4°
2.5	150												2.5		
3	135	94.5	81	115	80.5	69	53.5	37.45	32.1	105	73.5	63	3		
3.5	130	91	78	110	77	66	51	35.7	30.6	98	68.6	58.8	3.5		
4	120	84	72	107	74.9	64.2	48	33.6	28.8	90	63	54	4		
4.5	110	77	66	100	70	60	46	32.2	27.6	85	59.5	51	4.5		
5	100	70	60	96	67.2	57.6	44	30.8	26.4	80	56	48	5		
5.5	90	63	54	89	62.3	53.4	42	29.4	25.2	75	52.5	45	5.5		
6	85	59.5	51	81	56.7	48.6	40	28	24	72	50.4	43.2	6		
6.5	82	57.4	49.2	75	52.5	45	38.5	26.95	23.1	68	47.6	40.8	6.5		
7	74	51.8	44.4	70	49	42	37	25.9	22.2	66	46.2	39.6	7		
8	62	43.4	37.2	62	43.4	37.2	35	24.5	21	60	42	36	8		
9	53	37.1	31.8	54	37.8	32.4	32.5	22.75	19.5	50	35	30	9		
10	45	31.5	27	45	31.5	27	30.5	21.35	18.3	42	29.4	25.2	10		
11	38	26.6	22.8	39	27.3	23.4	29	20.3	17.4	36	25.2	21.6	11		
12				33	23.1	19.8	27.5	19.25	16.5	31	21.7	18.6	12		
13				30	21	18	26	18.2	15.6	28	19.6	16.8	13		
14				26	18.2	15.6	25	17.5	15	25	17.5	15	14		
15				23	16.1	13.8	23	16.1	13.8	22	15.4	13.2	15		
16													16		
18													18		
20													20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
Reeving		14			12									Reeving	
Main hook		150t			110t									Main hook	
Telescoping mode	I	1			1			1			1			I	Telescoping mode
	II	1			2			1			1			II	
	III	1			1			1			1			III	
	IV	1			1			1			2			IV	
	V	1			1			2			1			V	

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended														
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)	
	18.5			23.2★			23.2			23.2				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3	105	73.5	63										3	
3.5	98	68.6	58.8	105	73.5	63	26	18.2	15.6	103	72.1	61.8	3.5	
4	90	63	54	100	70	60	25	17.5	15	96	67.2	57.6	4	
4.5	85	59.5	51	90	63	54	24	16.8	14.4	90	63	54	4.5	
5	80	56	48	88	61.6	52.8	23	16.1	13.8	88	61.6	52.8	5	
5.5	75	52.5	45	82	57.4	49.2	21.5	15.05	12.9	82	57.4	49.2	5.5	
6	72	50.4	43.2	78	54.6	46.8	20.5	14.35	12.3	78	54.6	46.8	6	
6.5	68	47.6	40.8	75	52.5	45	19.5	13.65	11.7	75	52.5	45	6.5	
7	66	46.2	39.6	70	49	42	18.5	12.95	11.1	70	49	42	7	
8	60	42	36	62	43.4	37.2	17	11.9	10.2	60	42	36	8	
9	50	35	30	50	35	30	16	11.2	9.6	49	34.3	29.4	9	
10	42	29.4	25.2	42	29.4	25.2	15	10.5	9	41	28.7	24.6	10	
11	36	25.2	21.6	35	24.5	21	14	9.8	8.4	36	25.2	21.6	11	
12	31	21.7	18.6	31	21.7	18.6	13	9.1	7.8	32	22.4	19.2	12	
13	28	19.6	16.8	27	18.9	16.2	12	8.4	7.2	28	19.6	16.8	13	
14	25	17.5	15	25	17.5	15	11.5	8.05	6.9	25	17.5	15	14	
15	22	15.4	13.2	23	16.1	13.8	11	7.7	6.6	22	15.4	13.2	15	
16				20	14	12	10.5	7.35	6.3	20	14	12	16	
18				16	11.2	9.6	9.5	6.65	5.7	17	11.9	10.2	18	
20				13	9.1	7.8	9	6.3	5.4	14	9.8	8.4	20	
22													22	
24													24	
26													26	
28													28	
30													30	
32													32	
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48													48	
50													50	
52													52	
54													54	
56													56	
Reeving	12			11										Reeving
Main hook	110t													Main hook
Telescoping mode	I	1		2		1		1		I			Telescoping mode	
	II	1		2		1		2		II				
	III	1		1		1		2		III				
	IV	2		1		1		1		IV				
	V	1		1		3		1		V				

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended														
Working radius	Boom length (m) Overall gradient												Working radius	
	23.2			23.2			27.9★			27.9				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3													3	
3.5	55	38.5	33	76	53.2	45.6							3.5	
4	53	37.1	31.8	72	50.4	43.2	85	46.75	38.25	28	15.4	12.6	4	
4.5	50	35	30	67	46.9	40.2	85	46.75	38.25	26	14.3	11.7	4.5	
5	48	33.6	28.8	63	44.1	37.8	82	45.1	36.9	25	13.75	11.25	5	
5.5	46	32.2	27.6	60	42	36	78	42.9	35.1	24	13.2	10.8	5.5	
6	45	31.5	27	56	39.2	33.6	75	41.25	33.75	23	12.65	10.35	6	
6.5	43	30.1	25.8	53	37.1	31.8	70	38.5	31.5	22	12.1	9.9	6.5	
7	40	28	24	50	35	30	62	34.1	27.9	21	11.55	9.45	7	
8	39	27.3	23.4	46	32.2	27.6	58	31.9	26.1	19	10.45	8.55	8	
9	36	25.2	21.6	42	29.4	25.2	55	30.25	24.75	18	9.9	8.1	9	
10	34	23.8	20.4	40	28	24	47	25.85	21.15	17	9.35	7.65	10	
11	33	23.1	19.8	36	25.2	21.6	40	22	18	16	8.8	7.2	11	
12	30	21	18	32	22.4	19.2	34	18.7	15.3	15	8.25	6.75	12	
13	29	20.3	17.4	28	19.6	16.8	30	16.5	13.5	14	7.7	6.3	13	
14	26	18.2	15.6	25	17.5	15	26	14.3	11.7	13.5	7.425	6.075	14	
15	23	16.1	13.8	22	15.4	13.2	23	12.65	10.35	13	7.15	5.85	15	
16	21	14.7	12.6	20	14	12	20	11	9	12	6.6	5.4	16	
18	18	12.6	10.8	17	11.9	10.2	17	9.35	7.65	11	6.05	4.95	18	
20	15	10.5	9	14	9.8	8.4	14	7.7	6.3	10.5	5.775	4.725	20	
22							12	6.6	5.4	9.5	5.225	4.275	22	
24							10	5.5	4.5	9	4.95	4.05	24	
26													26	
28													28	
30													30	
32													32	
34													34	
36													36	
38													38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
Reeving		11						9						Reeving
Main hook		110t												Main hook
Telescoping mode	I	1		1		2		1					I	Telescoping mode
	II	1		1		2		1					II	
	III	1		2		2		1					III	
	IV	2		2		1		2					IV	
	V	2		1		1		3					V	

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended													
Working radius	Boom length (m)						Overall gradient						Working radius
	27.9			27.9			27.9			32.6 ★			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4	82	45.1	36.9	57	31.35	25.65	32	17.6	14.4				4
4.5	78	42.9	35.1	55	30.25	24.75	30	16.5	13.5	78	42.9	35.1	4.5
5	73	40.15	32.85	53	29.15	23.85	29	15.95	13.05	78	42.9	35.1	5
5.5	70	38.5	31.5	51	28.05	22.95	27	14.85	12.15	75	41.25	33.75	5.5
6	66	36.3	29.7	50	27.5	22.5	25	13.75	11.25	70	38.5	31.5	6
6.5	63	34.65	28.35	47	25.85	21.15	24	13.2	10.8	68	37.4	30.6	6.5
7	60	33	27	45	24.75	20.25	23	12.65	10.35	65	35.75	29.25	7
8	55	30.25	24.75	41	22.55	18.45	21	11.55	9.45	60	33	27	8
9	50	27.5	22.5	37	20.35	16.65	19	10.45	8.55	53	29.15	23.85	9
10	42	23.1	18.9	34	18.7	15.3	18	9.9	8.1	45	24.75	20.25	10
11	36	19.8	16.2	32	17.6	14.4	16	8.8	7.2	38	20.9	17.1	11
12	32	17.6	14.4	30	16.5	13.5	15	8.25	6.75	34	18.7	15.3	12
13	28	15.4	12.6	28	15.4	12.6	14	7.7	6.3	30	16.5	13.5	13
14	25	13.75	11.25	26	14.3	11.7	13	7.15	5.85	26	14.3	11.7	14
15	22	12.1	9.9	24	13.2	10.8	12.5	6.875	5.625	24	13.2	10.8	15
16	20	11	9	21	11.55	9.45	12	6.6	5.4	22	12.1	9.9	16
18	17	9.35	7.65	18	9.9	8.1	11	6.05	4.95	18	9.9	8.1	18
20	14	7.7	6.3	15	8.25	6.75	10	5.5	4.5	15	8.25	6.75	20
22	12	6.6	5.4	13	7.15	5.85	9	4.95	4.05	12	6.6	5.4	22
24	10	5.5	4.5	12	6.6	5.4	8	4.4	3.6	10	5.5	4.5	24
26										9	4.95	4.05	26
28										8	4.4	3.6	28
30										7	3.85	3.15	30
32													32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	9									8			Reeving
Main hook	110t												Main hook
Telescoping mode	I	1		1		1		2		2		I	Telescoping mode
	II	2		1		1		2		2		II	
	III	2		2		1		2		2		III	
	IV	2		2		3		2		2		IV	
	V	1		2		2		1		1		V	

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended													
Working radius	Boom length (m)						Overall gradient						Working radius
	32.6			32.6			32.6			32.6			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5	26	14.3	11.7	58	31.9	26.1	37	20.35	16.65	32	17.6	14.4	4.5
5	25	13.75	11.25	58	31.9	26.1	35	19.25	15.75	30	16.5	13.5	5
5.5	23	12.65	10.35	55	30.25	24.75	33	18.15	14.85	29	15.95	13.05	5.5
6	22	12.1	9.9	53	29.15	23.85	31	17.05	13.95	28	15.4	12.6	6
6.5	21	11.55	9.45	52	28.6	23.4	30	16.5	13.5	26	14.3	11.7	6.5
7	20	11	9	50	27.5	22.5	28	15.4	12.6	25	13.75	11.25	7
8	18	9.9	8.1	48	26.4	21.6	26	14.3	11.7	23	12.65	10.35	8
9	17	9.35	7.65	43	23.65	19.35	24	13.2	10.8	22	12.1	9.9	9
10	16	8.8	7.2	40	22	18	22	12.1	9.9	20	11	9	10
11	15	8.25	6.75	36	19.8	16.2	20	11	9	19	10.45	8.55	11
12	14	7.7	6.3	32	17.6	14.4	19	10.45	8.55	18	9.9	8.1	12
13	13	7.15	5.85	27	14.85	12.15	18	9.9	8.1	16	8.8	7.2	13
14	12	6.6	5.4	25	13.75	11.25	17	9.35	7.65	15	8.25	6.75	14
15	11	6.05	4.95	22	12.1	9.9	16	8.8	7.2	14.5	7.975	6.525	15
16	11	6.05	4.95	20	11	9	15	8.25	6.75	14	7.7	6.3	16
18	9.5	5.225	4.275	17	9.35	7.65	13	7.15	5.85	12	6.6	5.4	18
20	8.8	4.84	3.96	14	7.7	6.3	12	6.6	5.4	11.5	6.325	5.175	20
22	8	4.4	3.6	12	6.6	5.4	11	6.05	4.95	10.5	5.775	4.725	22
24	7	3.85	3.15	11	6.05	4.95	10	5.5	4.5	10	5.5	4.5	24
26	6.5	3.575	2.925	9	4.95	4.05	9	4.95	4.05	9	4.95	4.05	26
28	6	3.3	2.7	8	4.4	3.6	8.5	4.675	3.825	8	4.4	3.6	28
30	5.5	3.025	2.475	7	3.85	3.15	7	3.85	3.15	7	3.85	3.15	30
32													32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving		8											Reeving
Main hook		110t											Main hook
Telescoping mode	I	1		1		1		1		1		I	Telescoping mode
	II	1		2		1		1		1		II	
	III	1		2		3		2		2		III	
	IV	3		2		2		3		3		IV	
	V	3		2		2		2		2		V	

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended													
Working radius (m)	Boom length (m) Overall gradient												Working radius (m)
	37.3★			37.3			37.3			37.3			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5													4.5
5	60	33	27	26	14.3	11.7	32	17.6	14.4	38	20.9	17.1	5
5.5	60	33	27	25	13.75	11.25	30	16.5	13.5	36	19.8	16.2	5.5
6	58	31.9	26.1	24	13.2	10.8	28	15.4	12.6	34	18.7	15.3	6
6.5	58	31.9	26.1	23	12.65	10.35	26	14.3	11.7	32	17.6	14.4	6.5
7	58	31.9	26.1	22	12.1	9.9	25	13.75	11.25	31	17.05	13.95	7
8	55	30.25	24.75	20	11	9	23	12.65	10.35	28	15.4	12.6	8
9	50	27.5	22.5	18	9.9	8.1	22	12.1	9.9	26	14.3	11.7	9
10	45	24.75	20.25	17	9.35	7.65	20	11	9	24	13.2	10.8	10
11	40	22	18	16	8.8	7.2	18	9.9	8.1	22	12.1	9.9	11
12	35	19.25	15.75	15	8.25	6.75	17	9.35	7.65	21	11.55	9.45	12
13	31	17.05	13.95	14	7.7	6.3	16	8.8	7.2	20	11	9	13
14	27	14.85	12.15	13	7.15	5.85	15	8.25	6.75	18	9.9	8.1	14
15	24	13.2	10.8	12	6.6	5.4	14	7.7	6.3	17	9.35	7.65	15
16	22	12.1	9.9	11	6.05	4.95	13	7.15	5.85	16	8.8	7.2	16
18	19	10.45	8.55	10	5.5	4.5	12	6.6	5.4	14	7.7	6.3	18
20	16	8.8	7.2	9.5	5.225	4.275	11	6.05	4.95	13	7.15	5.85	20
22	13	7.15	5.85	9	4.95	4.05	10	5.5	4.5	12	6.6	5.4	22
24	11	6.05	4.95	8.2	4.51	3.69	9	4.95	4.05	11	6.05	4.95	24
26	10	5.5	4.5	7.7	4.235	3.465	8	4.4	3.6	10	5.5	4.5	26
28	9	4.95	4.05	7	3.85	3.15	7.5	4.125	3.375	8	4.4	3.6	28
30	8	4.4	3.6	6.5	3.575	2.925	7	3.85	3.15	7.5	4.125	3.375	30
32	7	3.85	3.15	6	3.3	2.7	6.5	3.575	2.925	7	3.85	3.15	32
34				5.5	3.025	2.475	6	3.3	2.7	6	3.3	2.7	34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving		7											Reeving
Main hook		60t											Main hook
Telescoping mode	I	2		1		1		1		1		I	Telescoping mode
	II	2		1		1		2		2		II	
	III	2		2		3		3		3		III	
	IV	2		3		3		2		2		IV	
	V	2		3		2		2		2		V	

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended														
Working radius	Boom length (m)						Overall gradient						Working radius	
	37.3			42★			42			42				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5													4.5	
5	48	26.4	21.6										5	
5.5	45	24.75	20.25										5.5	
6	43	23.65	19.35	50	20	15	25	10	7.5	43	17.2	12.9	6	
6.5	40	22	18	47	18.8	14.1	24	9.6	7.2	41	16.4	12.3	6.5	
7	39	21.45	17.55	45	18	13.5	23	9.2	6.9	39.4	15.76	11.82	7	
8	36	19.8	16.2	42	16.8	12.6	21	8.4	6.3	36.2	14.48	10.86	8	
9	33	18.15	14.85	38	15.2	11.4	20	8	6	33.5	13.4	10.05	9	
10	30	16.5	13.5	36	14.4	10.8	18	7.2	5.4	31	12.4	9.3	10	
11	28	15.4	12.6	32	12.8	9.6	17	6.8	5.1	28.9	11.56	8.67	11	
12	26	14.3	11.7	30	12	9	16	6.4	4.8	27	10.8	8.1	12	
13	25	13.75	11.25	28	11.2	8.4	15	6	4.5	25.4	10.16	7.62	13	
14	23	12.65	10.35	26	10.4	7.8	14	5.6	4.2	23.9	9.56	7.17	14	
15	22	12.1	9.9	24	9.6	7.2	13	5.2	3.9	22.5	9	6.75	15	
16	20	11	9	22	8.8	6.6	12	4.8	3.6	21.3	8.52	6.39	16	
18	17	9.35	7.65	18	7.2	5.4	11	4.4	3.3	18.6	7.44	5.58	18	
20	14.5	7.975	6.525	15	6	4.5	10	4	3	15.8	6.32	4.74	20	
22	12.7	6.985	5.715	13	5.2	3.9	9	3.6	2.7	13.5	5.4	4.05	22	
24	11	6.05	4.95	11	4.4	3.3	8	3.2	2.4	11	4.4	3.3	24	
26	9.5	5.225	4.275	9	3.6	2.7	7.8	3.12	2.34	9.7	3.88	2.91	26	
28	8	4.4	3.6	8.6	3.44	2.58	7.3	2.92	2.19	8.5	3.4	2.55	28	
30	7	3.85	3.15	7.5	3	2.25	6.8	2.72	2.04	7.5	3	2.25	30	
32	6.5	3.575	2.925	6.5	2.6	1.95	6.3	2.52	1.89	6.5	2.6	1.95	32	
34	6	3.3	2.7	5.7	2.28	1.71	5.9	2.36	1.77	5.5	2.2	1.65	34	
36				4.8	1.92	1.44	5.5	2.2	1.65	5	2	1.5	36	
38				4	1.6	1.2	5	2	1.5	4.5	1.8	1.35	38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving	7			5										Reeving
Main hook	60t												Main hook	
Telescoping mode	I	1		3		1		2		I		Telescoping mode		
	II	3		2		1		3		II				
	III	2		2		3		2		III				
	IV	2		2		3		2		IV				
	V	2		2		3		2		V				

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended															
Working radius (m)		Boom length (m) Overall gradient											Working radius (m)		
		42			42			46.7★			46.7				
		0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°		4°	
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5													4.5		
5													5		
5.5													5.5		
6	30	12	9	36	14.4	10.8							6		
6.5	29	11.6	8.7	35	14	10.5							6.5		
7	28	11.2	8.4	34	13.6	10.2				25	10	7.5	7		
8	25.7	10.28	7.71	31	12.4	9.3	37	14.8	11.1	24	9.6	7.2	8		
9	24	9.6	7.2	29	11.6	8.7	35	14	10.5	22	8.8	6.6	9		
10	22	8.8	6.6	27	10.8	8.1	33	13.2	9.9	20.5	8.2	6.15	10		
11	20.5	8.2	6.15	25	10	7.5	30.5	12.2	9.15	19.4	7.76	5.82	11		
12	19.2	7.68	5.76	23.6	9.44	7.08	28.8	11.52	8.64	18	7.2	5.4	12		
13	18	7.2	5.4	22	8.8	6.6	27	10.8	8.1	17	6.8	5.1	13		
14	17	6.8	5.1	21	8.4	6.3	25.5	10.2	7.65	16	6.4	4.8	14		
15	16	6.4	4.8	19.8	7.92	5.94	24.3	9.72	7.29	15.2	6.08	4.56	15		
16	15	6	4.5	18.7	7.48	5.61	22	8.8	6.6	14.3	5.72	4.29	16		
18	13.5	5.4	4.05	17	6.8	5.1	18	7.2	5.4	13	5.2	3.9	18		
20	12.3	4.92	3.69	15.4	6.16	4.62	15	6	4.5	11.5	4.6	3.45	20		
22	11.2	4.48	3.36	14	5.6	4.2	12.8	5.12	3.84	10.5	4.2	3.15	22		
24	10	4	3	12.4	4.96	3.72	10.8	4.32	3.24	9.7	3.88	2.91	24		
26	9.3	3.72	2.79	10.7	4.28	3.21	9.3	3.72	2.79	9	3.6	2.7	26		
28	8.7	3.48	2.61	9.6	3.84	2.88	8	3.2	2.4	8.3	3.32	2.49	28		
30	8	3.2	2.4	8.5	3.4	2.55	7	2.8	2.1	7.6	3.04	2.28	30		
32	7.4	2.96	2.22	7.5	3	2.25	6.2	2.48	1.86	7	2.8	2.1	32		
34	6.9	2.76	2.07	6.7	2.68	2.01	5.4	2.16	1.62	6.6	2.64	1.98	34		
36	6.4	2.56	1.92	6	2.4	1.8	4.7	1.88	1.41	6.2	2.48	1.86	36		
38	5.5	2.2	1.65	5	2	1.5	4	1.6	1.2	5.8	2.32	1.74	38		
40							3.5	1.4	1.05	5.4	2.16	1.62	40		
42							3	1.2	0.9	5.1	2.04	1.53	42		
44							2.5	1	0.75	4.2	1.68	1.26	44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		5						4						Reeving	
Main hook		60t											Main hook		
Telescoping mode	I	1			1			3			1			I	Telescoping mode
	II	2			3			3			2			II	
	III	3			3			2			3			III	
	IV	3			2			2			3			IV	
	V	2			2			2			3			V	

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended													
Working radius	Boom length (m)						Overall gradient						Working radius
	46.7			46.7			51.4★			51.4			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5													4.5
5													5
5.5													5.5
6													6
6.5													6.5
7	35	14	10.5										7
8	33	13.2	9.9	28	11.2	8.4							8
9	30.7	12.28	9.21	26	10.4	7.8	31	12.4	9.3	23	9.2	6.9	9
10	29	11.6	8.7	24.3	9.72	7.29	30.5	12.2	9.15	21.8	8.72	6.54	10
11	27	10.8	8.1	22.8	9.12	6.84	28.5	11.4	8.55	20.7	8.28	6.21	11
12	25.5	10.2	7.65	21.4	8.56	6.42	27.5	11	8.25	19.6	7.84	5.88	12
13	24	9.6	7.2	20.2	8.08	6.06	26	10.4	7.8	18.7	7.48	5.61	13
14	22.7	9.08	6.81	19	7.6	5.7	24.5	9.8	7.35	17.6	7.04	5.28	14
15	21.5	8.6	6.45	18	7.2	5.4	23	9.2	6.9	16.8	6.72	5.04	15
16	20	8	6	17	6.8	5.1	22	8.8	6.6	16	6.4	4.8	16
18	18	7.2	5.4	15.5	6.2	4.65	18	7.2	5.4	14.5	5.8	4.35	18
20	14.5	5.8	4.35	14	5.6	4.2	15	6	4.5	13	5.2	3.9	20
22	12.5	5	3.75	12.8	5.12	3.84	12.8	5.12	3.84	12	4.8	3.6	22
24	11	4.4	3.3	11.8	4.72	3.54	11	4.4	3.3	11	4.4	3.3	24
26	9.5	3.8	2.85	10.9	4.36	3.27	10	4	3	10	4	3	26
28	8.2	3.28	2.46	10	4	3	8.5	3.4	2.55	9.5	3.8	2.85	28
30	7.2	2.88	2.16	8	3.2	2.4	7.5	3	2.25	8.8	3.52	2.64	30
32	6.3	2.52	1.89	7	2.8	2.1	6.5	2.6	1.95	8.2	3.28	2.46	32
34	5.6	2.24	1.68	6.4	2.56	1.92	5.5	2.2	1.65	6.7	2.68	2.01	34
36	5	2	1.5	5.7	2.28	1.71	5	2	1.5	6.2	2.48	1.86	36
38	4.4	1.76	1.32	5.1	2.04	1.53	4.3	1.72	1.29	5.5	2.2	1.65	38
40	3.8	1.52	1.14	4.6	1.84	1.38	3.5	1.4	1.05	5	2	1.5	40
42	3.4	1.36	1.02	4.1	1.64	1.23	3	1.2	0.9	4.5	1.8	1.35	42
44	3	1.2	0.9	3.7	1.48	1.11	2.9	1.16	0.87	4	1.6	1.2	44
46							2.4	0.96	0.72	3.6	1.44	1.08	46
48							2	0.8	0.6	3.3	1.32	0.99	48
50													50
52													52
54													54
56													56
58													58
Reeving	4						3						Reeving
Main hook	60t												Main hook
Telescoping mode	I	2		1		3		1		I		Telescoping mode	
	II	3		3		3		3		II			
	III	3		3		3		3		III			
	IV	2		3		2		3		IV			
	V	2		2		2		3		V			

(Continued) Table 2-3 Rated capacity chart with boom only

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended										
Working radius (m)		Boom length (m)			Overall gradient			Working radius (m)		
		51.4			56.1★	56.1	60.8★			65★
		0°	2°	4°	0°	0°	0°			0°
2.5									2.5	
3									3	
3.5									3.5	
4									4	
4.5									4.5	
5									5	
5.5									5.5	
6									6	
6.5									6.5	
7									7	
8									8	
9	27	10.8	8.1						9	
10	26	10.4	7.8	25	23				10	
11	24	9.6	7.2	25	22				11	
12	23	9.2	6.9	24	20.5	20			12	
13	21.7	8.68	6.51	23	19.7	19			13	
14	20.5	8.2	6.15	22	18.9	18.5	15.5		14	
15	19.5	7.8	5.85	21	18	18	15.2		15	
16	18.5	7.4	5.55	20	17	17.5	15		16	
18	17	6.8	5.1	18	15.6	15.8	14.5		18	
20	15.4	6.16	4.62	15.5	14.3	14.7	14		20	
22	14	5.6	4.2	13	13.2	13.2	13.5		22	
24	11.2	4.48	3.36	11	12.2	11.4	12		24	
26	9.7	3.88	2.91	10	11.2	10	10		26	
28	8.6	3.44	2.58	8.5	8.9	8.8	9		28	
30	7.6	3.04	2.28	7.5	7.9	7.7	8		30	
32	6.7	2.68	2.01	6.5	7	6.8	7.3		32	
34	6	2.4	1.8	6	6.2	6.1	6.5		34	
36	5.3	2.12	1.59	5.2	5.6	5.4	5.5		36	
38	4.7	1.88	1.41	4.5	5	4.8	5		38	
40	4.2	1.68	1.26	4	4.5	4.2	4.5		40	
42	3.7	1.48	1.11	3.5	4	3.7	4		42	
44	3.3	1.32	0.99	3	3.6	3.2	3.5		44	
46	2.9	1.16	0.87	2.5	3.2	2.8	3		46	
48	2.5	1	0.75	2.3	2.8	2.5	2.7		48	
50				2	2.5	2.1	2.4		50	
52						1.8	2		52	
54						1.6	1.7		54	
56						1.3	1.4		56	
58							1.2		58	
Reeving		3							Reeving	
Main hook		60t			25t				Main hook	
Telescoping mode	I	2			3	2	3	4	I	Telescoping mode
	II	3			3	3	3	4	II	
	III	3			3	3	3	4	III	
	IV	3			3	3	3	4	IV	
	V	2			2	3	3	4	V	

Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	13.8★			18.5★			18.5			18.5			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3	135	94.5	81	115	80.5	69	50	35	30	100	70	60	3
3.5	130	91	78	110	77	66	47.7	33.39	28.62	95	66.5	57	3.5
4	120	84	72	107	74.9	64.2	45	31.5	27	88	61.6	52.8	4
4.5	110	77	66	100	70	60	43	30.1	25.8	83	58.1	49.8	4.5
5	100	70	60	96	67.2	57.6	42.5	29.75	25.5	78	54.6	46.8	5
5.5	90	63	54	89	62.3	53.4	41.7	29.19	25.02	76	53.2	45.6	5.5
6	85	59.5	51	81	56.7	48.6	40.5	28.35	24.3	74	51.8	44.4	6
6.5	72	50.4	43.2	75	52.5	45	40	28	24	72	50.4	43.2	6.5
7	65	45.5	39	65	45.5	39	38.5	26.95	23.1	65	45.5	39	7
8	51	35.7	30.6	52	36.4	31.2	37	25.9	22.2	52	36.4	31.2	8
9	42	29.4	25.2	43	30.1	25.8	34.7	24.29	20.82	43	30.1	25.8	9
10	36	25.2	21.6	36	25.2	21.6	32.7	22.89	19.62	36	25.2	21.6	10
11	31	21.7	18.6	31	21.7	18.6	31	21.7	18.6	31	21.7	18.6	11
12				27	18.9	16.2	29.5	20.65	17.7	28	19.6	16.8	12
13				24	16.8	14.4	26	18.2	15.6	25	17.5	15	13
14				21	14.7	12.6	23	16.1	13.8	22	15.4	13.2	14
15				19	13.3	11.4	20.7	14.49	12.42	20	14	12	15
16													16
18													18
20													20
22													22
24													24
26													26
28													28
30													30
32													32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	14			12									Reeving
Main hook	150t			110t									Main hook
Telescoping mode	I	1		1		1		1		1		I	Telescoping mode
	II	1		2		1		1		1		II	
	III	1		1		1		2		2		III	
	IV	1		1		1		1		1		IV	
	V	1		1		2		1		1		V	

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius radius (m)	Boom length (m)						Overall gradient						Working radius radius (m)		
	18.5			23.2★			23.20			23.20					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3	90	63	54										3		
3.5	85	59.5	51	105	73.5	63	27	18.9	16.2	95	66.5	57	3.5		
4	78	54.6	46.8	100	70	60	25.8	18.06	15.48	90	63	54	4		
4.5	75	52.5	45	90	63	54	24.4	17.08	14.64	85	59.5	51	4.5		
5	72	50.4	43.2	88	61.6	52.8	23	16.1	13.8	80	56	48	5		
5.5	70	49	42	82	57.4	49.2	22	15.4	13.2	75	52.5	45	5.5		
6	68	47.6	40.8	76	53.2	45.6	20.8	14.56	12.48	72	50.4	43.2	6		
6.5	66	46.2	39.6	66	46.2	39.6	19.8	13.86	11.88	68	47.6	40.8	6.5		
7	63.5	44.45	38.1	57	39.9	34.2	19	13.3	11.4	62	43.4	37.2	7		
8	53	37.1	31.8	51	35.7	30.6	17.5	12.25	10.5	52.7	36.89	31.62	8		
9	43	30.1	25.8	41.6	29.12	24.96	16	11.2	9.6	43	30.1	25.8	9		
10	37	25.9	22.2	35.2	24.64	21.12	15	10.5	9	36.5	25.55	21.9	10		
11	32	22.4	19.2	30	21	18	14	9.8	8.4	32	22.4	19.2	11		
12	28	19.6	16.8	27	18.9	16.2	13	9.1	7.8	28	19.6	16.8	12		
13	25	17.5	15	23.5	16.45	14.1	12.4	8.68	7.44	25	17.5	15	13		
14	22.5	15.75	13.5	20.7	14.49	12.42	11.7	8.19	7.02	22	15.4	13.2	14		
15	20	14	12	18.4	12.88	11.04	11	7.7	6.6	19.7	13.79	11.82	15		
16				16.4	11.48	9.84	10.5	7.35	6.3	17.8	12.46	10.68	16		
18				13.2	9.24	7.92	9.6	6.72	5.76	14.5	10.15	8.7	18		
20				10.8	7.56	6.48	8.9	6.23	5.34	12.1	8.47	7.26	20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		12			11									Reeving	
Main hook		110t												Main hook	
Telescoping mode	I	1			2			1			1			I	Telescoping mode
	II	1			2			1			2			II	
	III	1			1			1			2			III	
	IV	2			1			1			1			IV	
	V	1			1			3			1			V	

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	23.20			23.20			27.9★			27.9					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3													3		
3.5	56	39.2	33.6	75	52.5	45							3.5		
4	54	37.8	32.4	70	49	42	85	46.75	38.25	28	15.4	12.6	4		
4.5	52	36.4	31.2	66	46.2	39.6	85	46.75	51	27	14.8	12.1	4.5		
5	50	35	30	62	43.4	37.2	82	45.1	49.2	25	14.0	11.5	5		
5.5	48	33.6	28.8	60	42	36	78	42.9	46.8	24	13.4	10.9	5.5		
6	46	32.2	27.6	57	39.9	34.2	75	41.25	45	23	12.8	10.4	6		
6.5	44	30.8	26.4	54	37.8	32.4	70	38.5	42	22	12.3	10.0	6.5		
7	42	29.4	25.2	52	36.4	31.2	62	34.1	27.9	21	11.7	9.63	7		
8	40	28	24	47	32.9	28.2	50	27.5	22.5	19	10.8	8.86	8		
9	37	25.9	22.2	43	30.1	25.8	42	23.1	18.9	18	10.0	8.23	9		
10	35	24.5	21	37	26.4	22.6	35	19.52	15.97	17	9.35	7.65	10		
11	32	22.4	19.2	33	23.1	19.8	30	16.77	13.72	16	8.8	7.2	11		
12	30	21	18	29	20.5	17.5	26	14.68	12.01	15	8.25	6.75	12		
13	26	18.5	15.9	26	18.2	15.6	23	12.92	10.57	14	7.86	6.43	13		
14	23	16.3	14.0	23	16.1	13.8	20	11.38	9.315	13	7.42	6.07	14		
15	21	15.0	12.9	20	14.4	12.4	19	10.45	8.55	12	7.04	5.76	15		
16	19	13.6	11.7	18	13.0	11.2	17	9.35	7.65	12	6.71	5.49	16		
18	16	11.3	9.72	15	10.8	9.3	14	7.7	6.3	11	6.16	5.04	18		
20	13	9.59	8.22	13	9.1	7.8	11	6.325	5.175	10	5.66	4.63	20		
22							9.6	5.28	4.32	9.6	5.28	4.32	22		
24							8	4.4	3.6	9	4.95	4.05	24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	11						9						Reeving		
Main	110t												Main		
Telescoping mode	I	1			1			2			1			I	Telescoping mode
	II	1			1			2			1			II	
	III	1			2			2			1			III	
	IV	2			2			1			2			IV	
	V	2			1			1			3			V	

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)		Boom length (m) Overall gradient											Working radius (m)		
		27.9			27.9			27.9			32.6★				
		0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°		4°	
2.5													2.5		
3													3		
3.5													3.5		
4	82	45.1	36.9	57	31.35	25.65	31	17.05	13.95				4		
4.5	78	42.9	35.1	55	30.25	24.75	30	16.5	13.5	78	42.9	35.1	4.5		
5	75	41.2	33.7	53	29.15	23.85	28.	15.56	12.73	78	42.9	35.1	5		
5.5	70	38.5	31.5	51	28.05	22.95	26.	14.74	12.06	75	41.25	33.75	5.5		
6	67	36.8	30.1	50	27.5	22.5	25.	14.02	11.47	70	38.5	31.5	6		
6.5	63	34.6	28.3	47	25.85	21.15	24.	13.31	10.89	68	37.4	30.6	6.5		
7	60	33	27	45	24.75	20.25	23	12.65	10.35	65	35.75	29.25	7		
8	55	30.2	24.7	41	22.55	18.45	21	11.55	9.45	53	29.15	23.85	8		
9	45	24.7	20.2	37	20.35	16.65	19.	10.72	8.775	43	23.65	19.35	9		
10	37	20.3	16.6	34	18.7	15.3	18	9.9	8.1	37	20.35	16.65	10		
11	32	17.6	14.4	32	17.6	14.4	16.	9.185	7.515	32.	17.87	14.62	11		
12	28	15.4	12.6	30	16.5	13.5	15.	8.635	7.065	28.	15.67	12.82	12		
13	25.	14.1	11.6	26.	14.57	11.92	14.	8.085	6.615	25	13.75	11.25	13		
14	23	12.6	10.3	24	13.2	10.8	13.	7.59	6.21	22	12.1	9.9	14		
15	20.	11.3	9.27	21.	11.93	9.765	13	7.15	5.85	20	11	9	15		
16	18.	10.2	8.37	19.	10.78	8.82	12.	6.765	5.535	18	9.9	8.1	16		
18	15.	8.41	6.88	16.	9.02	7.38	11	6.05	4.95	14.	8.085	6.615	18		
20	12.	7.09	5.80	14	7.7	6.3	10	5.5	4.5	12.	6.71	5.49	20		
22	10.	5.99	4.90	12	6.6	5.4	9.3	5.115	4.185	10.	5.665	4.635	22		
24	9.3	5.11	4.18	10.	5.665	4.635	8.6	4.73	3.87	8.7	4.785	3.915	24		
26										7.4	4.07	3.33	26		
28										6.3	3.465	2.835	28		
30										5.3	2.915	2.385	30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		9									8			Reeving	
Main		110t											Main		
mode	I	1		1		1		2						I	mode
	II	2		1		1		2						II	
	III	2		2		1		2						III	
	IV	2		2		3		2						IV	
	V	1		2		2		1						V	

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	32.6			32.6			32.6			32.6			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5	26	14.3	11.7	60	33	27	3	20.3	16.6	32.	17.87	14.62	4.5
5	25	13.75	11.25	57	31.35	25.65	3	19.2	15.7	31	17.05	13.95	5
5.5	23.	12.98	10.62	55	30.25	24.75	3	18.1	14.8	29.	16.11	13.18	5.5
6	22.	12.37	10.12	53	29.15	23.85	3	17.0	13.9	28	15.4	12.6	6
6.5	21.	11.71	9.585	52	28.6	23.4	3	16.5	13.5	26.	14.68	12.01	6.5
7	20.	11.16	9.135	50	27.5	22.5	2	15.4	12.6	25.	14.08	11.52	7
8	18.	10.23	8.37	47	25.85	21.15	2	14.3	11.7	23.	12.92	10.57	8
9	17	9.35	7.65	43	23.65	19.35	2	13.2	10.8	21.	11.93	9.765	9
10	15.	8.69	7.11	39	21.45	17.55	2	12.1	9.9	20.	11.11	9.09	10
11	14.	8.085	6.615	33	18.15	14.85	2	11	9	18.	10.39	8.505	11
12	13.	7.535	6.165	28.	15.84	12.96	1	10.4	8.55	17.	9.79	8.01	12
13	12.	7.04	5.76	25.	14.02	11.47	1	9.9	8.1	16.	9.185	7.515	13
14	12	6.6	5.4	23.	12.98	10.62	1	9.35	7.65	15.	8.69	7.11	14
15	11.	6.27	5.13	21.	11.82	9.675	1	8.8	7.2	14.	8.195	6.705	15
16	10.	5.885	4.815	19.	10.72	8.775	1	8.25	6.75	14	7.7	6.3	16
18	9.6	5.28	4.32	16.	8.91	7.29	1	7.15	5.85	12.	7.04	5.76	18
20	8.8	4.84	3.96	13.	7.535	6.165	1	6.6	5.4	11.	6.435	5.265	20
22	8	4.4	3.6	11.	6.435	5.265	1	6.05	4.95	10.	5.94	4.86	22
24	7.3	4.015	3.285	10	5.5	4.5	1	5.5	4.5	10	5.5	4.5	24
26	6.8	3.74	3.06	8.8	4.84	3.96	9	4.95	4.05	9.3	5.115	4.185	26
28	6.2	3.41	2.79	7.7	4.235	3.465	8	4.4	3.6	8	4.4	3.6	28
30	5.8	3.19	2.61	6.7	3.685	3.015	7	3.85	3.15	7	3.85	3.15	30
32													32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving		8											Reeving
Main hook		110t											Main hook
Telescopic mode	I	1		1		1		1		1		I	Telescopic mode
	II	1		2		1		1		1		II	
	III	1		2		3		2		2		III	
	IV	3		2		2		3		3		IV	
	V	3		2		2		2		2		V	

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended														
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)	
	37.3★			37.3			37.3			37.3				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5													4.5	
5	60	33	27	26.	14.57	11.92	31	17.05	13.95	37.	20.62	16.87	5	
5.5	58	31.9	26.1	25.	14.02	11.47	30	16.5	13.5	35.	19.63	16.06	5.5	
6	57	31.35	25.65	24	13.2	10.8	28.	15.67	12.82	34	18.7	15.3	6	
6.5	55	30.25	24.75	23	12.65	10.35	27	14.85	12.15	32.	17.76	14.53	6.5	
7	54	29.7	24.3	22	12.1	9.9	26	14.3	11.7	30.	16.94	13.86	7	
8	51.	28.32	23.17	20.	11.16	9.135	23.	13.03	10.66	28.	15.56	12.73	8	
9	46.	25.68	21.01	18.	10.34	8.46	21.	11.99	9.81	26	14.3	11.7	9	
10	39.	21.61	17.68	17.	9.57	7.83	20	11	9	24	13.2	10.8	10	
11	33.	18.59	15.21	16.	8.965	7.335	18.	10.28	8.415	22.	12.32	10.08	11	
12	29.	16.22	13.27	15.	8.415	6.885	17.	9.57	7.83	21	11.55	9.45	12	
13	26	14.3	11.7	14.	7.865	6.435	16.	8.965	7.335	19.	10.78	8.82	13	
14	23	12.65	10.35	13.	7.425	6.075	15.	8.415	6.885	18.	10.17	8.325	14	
15	20.	11.38	9.315	12.	7.04	5.76	14.	7.865	6.435	17.	9.57	7.83	15	
16	18.	10.28	8.415	12	6.6	5.4	13.	7.48	6.12	16.	9.02	7.38	16	
18	15.	8.525	6.975	10.	5.94	4.86	12.	6.71	5.49	14.	8.085	6.615	18	
20	13	7.15	5.85	10	5.5	4.5	11	6.05	4.95	13.	7.315	5.985	20	
22	11	6.05	4.95	9	4.95	4.05	10	5.5	4.5	10.	5.885	4.815	22	
24	9.5	5.225	4.275	8.3	4.565	3.735	9.2	5.06	4.14	9.3	5.115	4.185	24	
26	8	4.4	3.6	7.8	4.29	3.51	8.5	4.675	3.825	8	4.4	3.6	26	
28	7	3.85	3.15	7.2	3.96	3.24	7.8	4.29	3.51	7	3.85	3.15	28	
30	6	3.3	2.7	6.8	3.74	3.06	7.3	4.015	3.285	6.2	3.41	2.79	30	
32	5.3	2.915	2.385	6.3	3.465	2.835	6.2	3.41	2.79	5.5	3.025	2.475	32	
34	4.5	2.475	2.025	5.8	3.19	2.61	5.5	3.025	2.475	4.8	2.64	2.16	34	
36													36	
38													38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving		7												Reeving
Main hook		60t												Main
Telescoping mode	I	2		1		1		1		1		I	Telescoping mode	
	II	2		1		1		2		2		II		
	III	2		2		3		3		3		III		
	IV	2		3		3		2		2		IV		
	V	2		3		2		2		2		V		

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	37.3			42★			42			42			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5													4.5
5	47	25.85	21.15										5
5.5	45	24.75	20.25										5.5
6	43	23.65	19.35	48	19.2	14.4	25	10	7.5	42	16.8	12.6	6
6.5	41	22.55	18.45	46	18.4	13.8	24	9.6	7.2	40	16	12	6.5
7	39	21.45	17.55	45	18	13.5	23	9.2	6.9	39	15.6	11.7	7
8	36	19.8	16.2	41	16.4	12.3	21	8.4	6.3	36	14.4	10.8	8
9	33	18.15	14.85	38	15.2	11.4	20	8	6	33	13.2	9.9	9
10	30	16.5	13.5	35	14	10.5	18.8	7.52	5.64	31	12.4	9.3	10
11	28	15.4	12.6	33	13.2	9.9	17.5	7	5.25	29	11.6	8.7	11
12	26.5	14.575	11.925	29	11.6	8.7	16.3	6.52	4.89	27	10.8	8.1	12
13	25	13.75	11.25	25.5	10.2	7.65	15.3	6.12	4.59	25	10	7.5	13
14	23	12.65	10.35	22.5	9	6.75	14.4	5.76	4.32	23	9.2	6.9	14
15	21	11.55	9.45	20.3	8.12	6.09	13.5	5.4	4.05	20.7	8.28	6.21	15
16	19	10.45	8.55	18.3	7.32	5.49	12.8	5.12	3.84	18.7	7.48	5.61	16
18	16	8.8	7.2	15	6	4.5	11.5	4.6	3.45	15.5	6.2	4.65	18
20	13.5	7.425	6.075	12.5	5	3.75	10.4	4.16	3.12	13	5.2	3.9	20
22	11.6	6.38	5.22	10.6	4.24	3.18	9.5	3.8	2.85	11	4.4	3.3	22
24	10	5.5	4.5	9	3.6	2.7	8.5	3.4	2.55	9.5	3.8	2.85	24
26	8.6	4.73	3.87	7.7	3.08	2.31	7.8	3.12	2.34	8.1	3.24	2.43	26
28	7.6	4.18	3.42	6.6	2.64	1.98	7.3	2.92	2.19	7	2.8	2.1	28
30	6.6	3.63	2.97	5.6	2.24	1.68	6.8	2.72	2.04	6	2.4	1.8	30
32	5.8	3.19	2.61	4.8	1.92	1.44	6.3	2.52	1.89	5.2	2.08	1.56	32
34	5	2.75	2.25	4.1	1.64	1.23	5.9	2.36	1.77	4.6	1.84	1.38	34
36				3.5	1.4	1.05	5.5	2.2	1.65	3.9	1.56	1.17	36
38				2.9	1.16	0.87	4.6	1.84	1.38	3.3	1.32	0.99	38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	7			5									Reeving
Main hook	60t												Main hook
Telescoping mode	I	1		3		1		2		I		Telescoping mode	
	II	3		2		1		3		II			
	III	2		2		3		2		III			
	IV	2		2		3		2		IV			
	V	2		2		3		2		V			

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended														
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)	
	42			42			46.7★			46.7				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5													4.5	
5													5	
5.5													5.5	
6	30	12	9	36	14.4	10.8							6	
6.5	29	11.6	8.7	35	14	10.5							6.5	
7	28	11.2	8.4	33	13.2	9.9							7	
8	26	10.4	7.8	31	12.4	9.3	37	14.8	11.1	23	9.2	6.9	8	
9	24	9.6	7.2	28	11.2	8.4	34	13.6	10.2	22	8.8	6.6	9	
10	22	8.8	6.6	26	10.4	7.8	32	12.8	9.6	20.5	8.2	6.15	10	
11	20.5	8.2	6.15	25	10	7.5	30	12	9	19.2	7.68	5.76	11	
12	19	7.6	5.7	23	9.2	6.9	28	11.2	8.4	18	7.2	5.4	12	
13	18	7.2	5.4	22	8.8	6.6	25	10	7.5	17	6.8	5.1	13	
14	17	6.8	5.1	20	8	6	22	8.8	6.6	16	6.4	4.8	14	
15	16	6.4	4.8	19	7.6	5.7	20	8	6	15.2	6.08	4.56	15	
16	15	6	4.5	18	7.2	5.4	18	7.2	5.4	14.2	5.68	4.26	16	
18	13.5	5.4	4.05	16	6.4	4.8	15	6	4.5	12.9	5.16	3.87	18	
20	12	4.8	3.6	13.7	5.48	4.11	12.6	5.04	3.78	11.7	4.68	3.51	20	
22	11	4.4	3.3	11.8	4.72	3.54	10.6	4.24	3.18	10.6	4.24	3.18	22	
24	10	4	3	10	4	3	9	3.6	2.7	9.7	3.88	2.91	24	
26	9.2	3.68	2.76	8.8	3.52	2.64	7.7	3.08	2.31	8.9	3.56	2.67	26	
28	8	3.2	2.4	7.7	3.08	2.31	6.6	2.64	1.98	8.2	3.28	2.46	28	
30	7.2	2.88	2.16	6.7	2.68	2.01	5.7	2.28	1.71	7.6	3.04	2.28	30	
32	6.3	2.52	1.89	5.9	2.36	1.77	4.8	1.92	1.44	6.8	2.72	2.04	32	
34	5.6	2.24	1.68	5.2	2.08	1.56	4.1	1.64	1.23	6	2.4	1.8	34	
36	5	2	1.5	4.5	1.8	1.35	3.5	1.4	1.05	5.4	2.16	1.62	36	
38	4.4	1.76	1.32	4	1.6	1.2	2.9	1.16	0.87	4.8	1.92	1.44	38	
40							2.4	0.96	0.72	4.3	1.72	1.29	40	
42							2	0.8	0.6	3.8	1.52	1.14	42	
44							1.6	0.64	0.48	3.4	1.36	1.02	44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving		5						4						Reeving
Main hook		60t												Main hook
Telescoping mode	I	1		1		3		1				I	Telescoping mode	
	II	2		3		3		2				II		
	III	3		3		2		3				III		
	IV	3		2		2		3				IV		
	V	2		2		2		3				V		

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient				Working radius (m)		
	46.7			46.7			51.4★		51.4				
	0°	2°	4°	0°	2°	4°	0°	2°	0°	2°			
2.5											2.5		
3											3		
3.5											3.5		
4											4		
4.5											4.5		
5											5		
5.5											5.5		
6											6		
6.5											6.5		
7											7		
8	32	12.8	9.6	28	11.2	8.4					8		
9	30	12	9	26	10.4	7.8	30	12	23	9.2	9		
10	28	11.2	8.4	24	9.6	7.2	29	11.6	21	8.4	10		
11	27	10.8	8.1	22	8.8	6.6	27	10.8	20	8	11		
12	25	10	7.5	21	8.4	6.3	26	10.4	19	7.6	12		
13	23	9.2	6.9	20	8	6	24.5	9.8	18	7.2	13		
14	22	8.8	6.6	19	7.6	5.7	22	8.8	17	6.8	14		
15	21	8.4	6.3	17	6.8	5.1	19.8	7.92	16	6.4	15		
16	19	7.6	5.7	16.5	6.6	4.95	17.8	7.12	15	6	16		
18	15.7	6.28	4.71	15	6	4.5	14.7	5.88	14	5.6	18		
20	13.2	5.28	3.96	14	5.6	4.2	12.4	4.96	13	5.2	20		
22	11.2	4.48	3.36	12	4.8	3.6	10.5	4.2	12	4.8	22		
24	9.6	3.84	2.88	10	4	3	8.9	3.56	10.5	4.2	24		
26	8.3	3.32	2.49	9	3.6	2.7	7.7	3.08	9.2	3.68	26		
28	7.2	2.88	2.16	8	3.2	2.4	6.6	2.64	8	3.2	28		
30	6.2	2.48	1.86	7	2.8	2.1	5.9	2.36	7.4	2.96	30		
32	5.4	2.16	1.62	6.2	2.48	1.86	5	2	6.6	2.64	32		
34	4.7	1.88	1.41	5.5	2.2	1.65	4.3	1.72	5.9	2.36	34		
36	4.1	1.64	1.23	4.8	1.92	1.44	3.7	1.48	5.2	2.08	36		
38	3.5	1.4	1.05	4.3	1.72	1.29	3.1	1.24	4.6	1.84	38		
40	3	1.2	0.9	3.8	1.52	1.14	2.6	1.04	4.1	1.64	40		
42	2.5	1	0.75	3.3	1.32	0.99	2.2	0.88	3.7	1.48	42		
44	2.1	0.84	0.63	2.7	1.08	0.81	1.8	0.72	3.3	1.32	44		
46							1.4	0.56	2.9	1.16	46		
48							1.1	0.44	2.5	1	48		
50											50		
52											52		
54											54		
56											56		
58											58		
Reeving		4					3					Reeving	
Main hook		60t										Main hook	
Telescoping mode	I	2			1			3		1		I	Telescoping mode
	II	3			3			3		3		II	
	III	3			3			3		3		III	
	IV	2			3			2		3		IV	
	V	2			2			2		3		V	

(Continued) Table 2-4 Rated capacity chart with boom only

Unit: t

360° working range, 30 t counterweight, 7 t balance counterweight, crawler carriers fully extended							
Working radius (m)	Boom length (m)		Overall gradient				Working radius (m)
	51.4		56.1★	56.1	60.8★	65★	
	0°	2°	0°	0°	0°	0°	
2.5							2.5
3							3
3.5							3.5
4							4
4.5							4.5
5							5
5.5							5.5
6							6
6.5							6.5
7							7
8							8
9	27	10.8					9
10	25	10	25	22			10
11	24	9.6	24.5	21			11
12	22.5	9	23	20	19		12
13	21	8.4	22	19	18.8	15.5	13
14	20	8	21	18	18.5	15.2	14
15	19	7.6	20	17	17.9	15	15
16	18	7.2	18.2	16	17	14.5	16
18	15.5	6.2	15	15	15.6	14	18
20	13.2	5.28	12.7	13.5	13	13.5	20
22	11.2	4.48	10.9	11.7	11.2	11.5	22
24	9.7	3.88	9.4	10	9.6	9.8	24
26	8.4	3.36	8	8.8	8.5	8.5	26
28	7.3	2.92	7	7.7	7.4	7.5	28
30	6.6	2.64	6	6.7	6.4	6.5	30
32	5.7	2.28	5.4	6	5.6	5.7	32
34	5	2	4.7	5.4	4.9	5	34
36	4.4	1.76	4	4.8	4.5	4.3	36
38	3.8	1.52	3.5	4.2	3.9	3.9	38
40	3.3	1.32	3	3.7	3.4	3.4	40
42	2.9	1.16	2.5	3.3	2.9	2.9	42
44	2.5	1	2.1	2.8	2.5	2.5	44
46	2.1	0.84	1.7	2.5	2.1	2.1	46
48	1.7	0.68	1.4	2.1	1.8	1.8	48
50			1.1	1.8	1.5	1.5	50
52				1.5		1.2	52
54							54
56							56
58							58
Reeving		3					Reeving
Main hook		60t		25t			Main hook
Telescoping mode	I	2	3	2	3	4	I
	II	3	3	3	3	4	II
	III	3	3	3	3	4	III
	IV	3	3	3	3	4	IV
	V	2	2	3	3	4	V

Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	13.8★			18.5★			18.5			18.5					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3	135	94.5	81	115	80.5	69	53	37.1	31.8	100	70	60	3		
3.5	130	91	78	110	77	66	50	35	30	92	64.4	55.2	3.5		
4	120	84	72	107	74.9	64.2	48	33.6	28.8	85	59.5	51	4		
4.5	110	77	66	100	70	60	45	31.5	27	83	58.1	49.8	4.5		
5	92	64.4	55.2	96	67.2	57.6	43	30.1	25.8	78	54.6	46.8	5		
5.5	73	51.1	43.8	83	58.1	49.8	42	29.4	25.2	73	51.1	43.8	5.5		
6	70	49	42	70	49	42	40	28	24	70	49	42	6		
6.5	62	43.4	37.2	60	42	36	38	26.6	22.8	63	44.1	37.8	6.5		
7	53	37.1	31.8	52	36.4	31.2	37	25.9	22.2	55	38.5	33	7		
8	42	29.4	25.2	43	30.1	25.8	35	24.5	21	43	30.4	26.1	8		
9	35	24.5	21	35	24.5	21	32	22.4	19.2	36	25.2	21.6	9		
10	29	20.3	17.4	29	20.6	17.7	30	21	18	30	21	18	10		
11	24	17.0	14.6	25	17.5	15	26	18.6	15.9	25	17.8	15.3	11		
12				21	14.7	12.6	23	16.1	13.8	22	15.4	13.2	12		
13				18	13.0	11.1	20	14.1	12.1	19	13.5	11.5	13		
14				16	11.4	9.78	18	12.6	10.8	17	11.9	10.2	14		
15				14	10.1	8.7	16	11.2	9.6	15	10.5	9	15		
16													16		
18													18		
20													20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	14			12									Reeving		
Main	150t			110t									Main		
Telescoping mode	I	1			1			1			1			I	Telescoping mode
	II	1			2			1			1			II	
	III	1			1			1			2			III	
	IV	1			1			1			1			IV	
	V	1			1			2			1			V	

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius		Boom length (m)						Overall gradient						Working radius	
		18.5			23.2★			23.2			23.2				
		0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5		
3	90	63	54										3		
3.5	85	59.5	51	105	73.5	63	27	18.9	16.2	95	66.5	57	3.5		
4	78	54.6	46.8	100	70	60	25.5	17.85	15.3	87	60.9	52.2	4		
4.5	75	52.5	45	90	63	54	24	16.8	14.4	82	57.4	49.2	4.5		
5	73	51.1	43.8	88	61.6	52.8	23	16.1	13.8	77	53.9	46.2	5		
5.5	68	47.6	40.8	80	56	48	21	14.7	12.6	75	52.5	45	5.5		
6	74	51.8	44.4	70	49	42	20.5	14.35	12.3	73	51.1	43.8	6		
6.5	64	44.8	38.4	62	43.4	37.2	19.5	13.65	11.7	65	45.5	39	6.5		
7	56	39.2	33.6	54	37.8	32.4	18.5	12.95	11.1	56	39.2	33.6	7		
8	44	30.8	26.4	42	29.4	25.2	17	11.9	10.2	44	30.8	26.4	8		
9	36	25.2	21.6	34	23.8	20.4	16	11.2	9.6	36	25.2	21.6	9		
10	30	21	18	28.5	19.95	17.1	14.5	10.15	8.7	30	21	18	10		
11	26	18.2	15.6	24	16.8	14.4	13.5	9.45	8.1	25.6	17.92	15.36	11		
12	22.6	15.82	13.56	20.7	14.49	12.42	13	9.1	7.8	22	15.4	13.2	12		
13	19.8	13.86	11.88	18	12.6	10.8	12	8.4	7.2	19.3	13.51	11.58	13		
14	17.5	12.25	10.5	15.7	10.99	9.42	11.5	8.05	6.9	17	11.9	10.2	14		
15	16	11.2	9.6	13.8	9.66	8.28	11	7.7	6.6	15.2	10.64	9.12	15		
16				12.2	8.54	7.32	10	7	6	13.5	9.45	8.1	16		
18				9.7	6.79	5.82	9.5	6.65	5.7	11	7.7	6.6	18		
20				7.8	5.46	4.68	8.5	5.95	5.1	9	6.3	5.4	20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		12			11									Reeving	
Main hook		110t												Main hook	
mode Telescoping	I	1			2			1			1			I	mode Telescoping
	II	1			2			1			2			II	
	III	1			1			1			2			III	
	IV	2			1			1			1			IV	
	V	1			1			3			1			V	

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	23.2			23.2			27.9★			27.9					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3													3		
3.5	55	38.5	33	76	53.2	45.6							3.5		
4	53	37.1	31.8	72	50.4	43.2	85	46.75	38.25	28	15.4	12.6	4		
4.5	50	35	30	67	46.9	40.2	85	46.75	38.25	26	14.3	11.7	4.5		
5	48	33.6	28.8	63	44.1	37.8	82	45.1	36.9	25	13.7	11.2	5		
5.5	47	32.9	28.2	60	42	36	78	42.9	35.1	24	13.2	10.8	5.5		
6	45	31.5	27	56	39.2	33.6	70	38.5	31.5	23	12.6	10.3	6		
6.5	43	30.1	25.8	53	37.1	31.8	62	34.1	27.9	22	12.1	9.9	6.5		
7	42	29.4	25.2	51	35.7	30.6	55	30.25	24.75	21	11.5	9.45	7		
8	39	27.3	23.4	42.	29.7	25.5	43	23.65	19.35	19	10.4	8.55	8		
9	37	25.9	22.2	36	25.2	21.6	35	19.25	15.75	18	9.9	8.1	9		
10	32	22.4	19.2	31	21.7	18.6	29.	16.22	13.27	17	9.35	7.65	10		
11	27	18.9	16.2	26.	18.6	15.9	25	13.75	11.25	16	8.8	7.2	11		
12	24	16.8	14.4	23	16.1	13.8	22	12.1	9.9	15	8.25	6.75	12		
13	21	14.7	12.6	20.	14.1	12.1	19	10.45	8.55	14	7.7	6.3	13		
14	18.	13.0	11.2	18	12.6	10.8	17.	9.46	7.74	13	7.15	5.85	14		
15	16.	11.7	10.0	16	11.2	9.6	15.	8.36	6.84	12.	6.87	5.62	15		
16	15.	10.6	9.12	14.	10.0	8.64	13.	7.425	6.075	12	6.6	5.4	16		
18	12.	8.75	7.5	11.	8.26	7.08	10.	5.94	4.86	11	6.05	4.95	18		
20	10.	7.35	6.3	9.8	6.86	5.88	8.7	4.785	3.915	10	5.5	4.5	20		
22							7	3.85	3.15	9	4.95	4.05	22		
24							5.7	3.135	2.565	8.2	4.51	3.69	24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	11						9						Reeving		
Main	110t												Main		
Telescoping mode	I	1			1			2			1			I	Telescoping mode
	II	1			1			2			1			II	
	III	1			2			2			1			III	
	IV	2			2			1			2			IV	
	V	2			1			1			3			V	

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended														
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)	
	27.9			27.9			27.9			32.6★				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3													3	
3.5													3.5	
4	78	42.9	35.1	56	30.8	25.2	30	16.5	13.5				4	
4.5	75	41.25	33.75	54	29.7	24.3	29	15.95	13.05	78	42.9	35.1	4.5	
5	73	40.15	32.85	52	28.6	23.4	28	15.4	12.6	75	41.25	33.75	5	
5.5	70	38.5	31.5	50	27.5	22.5	26	14.3	11.7	75	41.25	33.75	5.5	
6	65	35.75	29.25	49	26.95	22.05	25	13.75	11.25	70	38.5	31.5	6	
6.5	62	34.1	27.9	47	25.85	21.15	23	12.65	10.35	62	34.1	27.9	6.5	
7	57	31.35	25.65	43	23.65	19.35	22	12.1	9.9	55	30.25	24.75	7	
8	45	24.75	20.25	40	22	18	20	11	9	45	24.75	20.25	8	
9	37	20.35	16.65	37	20.35	16.65	19	10.45	8.55	37	20.35	16.65	9	
10	31	17.05	13.95	32	17.6	14.4	17	9.35	7.65	31	17.05	13.95	10	
11	26.5	14.58	11.93	27.6	15.18	12.42	16	8.8	7.2	26	14.3	11.7	11	
12	23	12.65	10.35	24	13.2	10.8	15	8.25	6.75	23	12.65	10.35	12	
13	20	11	9	21.3	11.72	9.59	14	7.7	6.3	20	11	9	13	
14	17.9	9.85	8.06	19	10.45	8.55	13.5	7.425	6.075	18	9.9	8.1	14	
15	16	8.8	7.2	17	9.35	7.65	12.5	6.875	5.625	16	8.8	7.2	15	
16	14.3	7.87	6.44	15.3	8.42	6.89	12	6.6	5.4	14	7.7	6.3	16	
18	11.7	6.44	5.27	12.7	6.99	5.72	11	6.05	4.95	11.6	6.38	5.22	18	
20	9.7	5.34	4.37	10.7	5.89	4.82	10	5.5	4.5	9.5	5.23	4.28	20	
22	8.3	4.57	3.74	9.2	5.06	4.14	9	4.95	4.05	7.8	4.29	3.51	22	
24	6.9	3.80	3.11	7.9	4.35	3.56	8	4.4	3.6	6.5	3.575	2.93	24	
26										5.2	2.86	2.34	26	
28										4.3	2.365	1.94	28	
30										3.5	1.925	1.58	30	
32													32	
34													34	
36													36	
38													38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving		9									8			Reeving
Main hook		110t											Main hook	
Telescoping mode	I	1		1		1		2		2		I	Telescoping mode	
	II	2		1		1		2		2		II		
	III	2		2		1		2		2		III		
	IV	2		2		3		2		2		IV		
	V	1		2		2		1		1		V		

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	32.6			32.6			32.6			32.6					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5	25	13.75		58	31.9	26.1	36	19.8	16.2	32	17.6	14.4	4.5		
5	24	13.2	10.8	56.5	31.07	25.42	35	19.25	15.75	30	16.5	13.5	5		
5.5	23	12.65	10.35	54.7	30.08	24.61	32	17.6	14.4	29	15.95	13.05	5.5		
6	22	12.1	9.9	53	29.15	23.85	31	17.05	13.95	27	14.85	12.15	6		
6.5	21	11.55	9.45	51	28.05	22.95	30	16.5	13.5	26	14.3	11.7	6.5		
7	20	11	9	50	27.5	22.5	28	15.4	12.6	25	13.75	11.25	7		
8	18	9.9	8.1	46.2	25.41	20.79	25	13.75	11.25	23	12.65	10.35	8		
9	16.5	9.07	7.42	38	20.9	17.1	23	12.65	10.35	21	11.55	9.45	9		
10	15.5	8.52	6.97	32	17.6	14.4	22	12.1	9.9	20	11	9	10		
11	14.5	7.97	6.52	27.4	15.07	12.33	20	11	9	18	9.9	8.1	11		
12	13.5	7.42	6.07	24.4	13.42	10.98	19	10.45	8.55	17	9.35	7.65	12		
13	12.5	6.87	5.62	21.5	11.82	9.67	17.5	9.62	7.87	16	8.8	7.2	13		
14	11.8	6.49	5.31	19	10.45	8.55	16.5	9.07	7.42	15	8.25	6.75	14		
15	11	6.05	4.95	17.5	9.62	7.87	15.5	8.52	6.97	14.5	7.97	6.52	15		
16	10.5	5.77	4.72	15.8	8.69	7.11	15	8.25	6.75	14	7.7	6.3	16		
18	9.5	5.22	4.27	13	7.15	5.85	13	7.15	5.85	12.5	6.87	5.62	18		
20	8.5	4.67	3.82	10.9	5.99	4.90	11	6.05	4.95	11.5	6.32	5.17	20		
22	7.8	4.29	3.51	9.2	5.06	4.14	9.5	5.22	4.27	9.8	5.39	4.41	22		
24	7	3.85	3.15	7.8	4.29	3.51	8.2	4.51	3.69	8.5	4.675	3.82	24		
26	6.5	3.57	2.92	6.7	3.68	3.01	7	3.85	3.15	7.3	4.015	3.28	26		
28	6	3.3	2.7	5.8	3.19	2.61	6	3.3	2.7	6.4	3.52	2.88	28		
30	5.5	3.02	2.47	5	2.75	2.25	5.2	2.86	2.34	5.5	3.02	2.47	30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		8											Reeving		
Main		110t											Main		
mode	I	1			1			1			1			I	mode
	II	1			2			1			1			II	
	III	1			2			3			2			III	
	IV	3			2			2			3			IV	
	V	3			2			2			2			V	

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	37.3★			37.3			37.3			37.3			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5													4.5
5	60	33	27	26	14.3	11.7	30	16.5	13.5	37	20.35	16.65	5
5.5	58	31.9	26.1	25	13.75	11.25	29	15.95	13.05	35	19.25	15.75	5.5
6	57	31.35	25.65	24	13.2	10.8	28	15.4	12.6	33	18.15	14.85	6
6.5	55	30.25	24.75	23	12.65	10.35	27	14.85	12.15	31	17.05	13.95	6.5
7	52	28.6	23.4	22	12.1	9.9	25	13.75	11.25	30	16.5	13.5	7
8	45.7	25.13	20.56	20	11	9	23	12.65	10.35	27	14.85	12.15	8
9	38.4	21.12	17.28	18.5	10.17	8.32	21	11.55	9.45	25	13.75	11.25	9
10	32.6	17.93	14.67	17.2	9.46	7.74	20	11	9	23	12.65	10.35	10
11	28	15.4	12.6	16	8.8	7.2	18	9.9	8.1	22	12.1	9.9	11
12	24.2	13.31	10.89	15	8.25	6.75	17	9.35	7.65	20	11	9	12
13	21.3	11.71	9.58	14	7.7	6.3	16	8.8	7.2	19	10.45	8.55	13
14	18.9	10.39	8.50	13.5	7.42	6.07	15	8.25	6.75	18	9.9	8.1	14
15	16.8	9.24	7.56	12.8	7.04	5.76	14	7.7	6.3	17	9.35	7.65	15
16	15	8.25	6.75	12	6.6	5.4	13	7.15	5.85	16	8.8	7.2	16
18	12.4	6.82	5.58	10.5	5.77	4.72	12	6.6	5.4	13.2	7.26	5.94	18
20	10.2	5.61	4.59	10	5.5	4.5	11	6.05	4.95	11	6.05	4.95	20
22	8.6	4.73	3.87	9	4.95	4.05	10	5.5	4.5	9.3	5.11	4.18	22
24	7.2	3.96	3.24	8.4	4.62	3.78	8.5	4.67	3.82	8	4.4	3.6	24
26	6	3.3	2.7	7.8	4.29	3.51	7.3	4.01	3.28	6.8	3.74	3.06	26
28	5.2	2.86	2.34	6.6	3.63	2.97	6.4	3.52	2.88	5.8	3.19	2.61	28
30	4.3	2.36	1.93	6	3.3	2.7	5.5	3.02	2.47	5	2.75	2.25	30
32	3.6	1.98	1.62	5.3	2.91	2.38	4.8	2.64	2.16	4.3	2.36	1.93	32
34				4.5	2.47	2.02	4.2	2.31	1.89	3.8	2.09	1.71	34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving		7											Reeving
Main hook		60t											Main hook
mode Telescoping	I	2		1		1		1		1		I	mode Telescoping
	II	2		1		1		2		2		II	
	III	2		2		3		3		3		III	
	IV	2		3		3		2		2		IV	
	V	2		3		2		2		2		V	

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	37.3			42★			42			42					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5													4.5		
5	46	25.3	20.7										5		
5.5	43	23.65	19.35										5.5		
6	42	23.1	18.9	48	19.2	14.4	25	10	7.5	43	17.2	12.9	6		
6.5	40	22	18	46	18.4	13.8	24	9.6	7.2	41	16.4	12.3	6.5		
7	38	20.9	17.1	43	17.2	12.9	23	9.2	6.9	39	15.6	11.7	7		
8	35	19.25	15.7	40	16	12	21	8.4	6.3	36	14.4	10.8	8		
9	32	17.6	14.4	36	14.4	10.8	20	8	6	33	13.2	9.9	9		
10	30	16.5	13.5	31	12.4	9.3	18.5	7.4	5.55	31	12.4	9.3	10		
11	28	15.4	12.6	27	10.8	8.1	17	6.8	5.1	27.5	11	8.25	11		
12	24.8	13.64	11.16	23	9.2	6.9	16	6.4	4.8	24	9.6	7.2	12		
13	21	11.55	9.45	20	8	6	15	6	4.5	21	8.4	6.3	13		
14	19	10.45	8.55	18	7.2	5.4	14	5.6	4.2	18.5	7.4	5.55	14		
15	17	9.35	7.65	16	6.4	4.8	13	5.2	3.9	16.8	6.72	5.04	15		
16	15.5	8.52	6.97	14	5.6	4.2	12.5	5	3.75	15	6	4.5	16		
18	12.9	7.09	5.80	11.5	4.6	3.45	11	4.4	3.3	12.3	4.92	3.69	18		
20	10.8	5.94	4.86	9.5	3.8	2.85	10	4	3	10.2	4.08	3.06	20		
22	9	4.95	4.05	8	3.2	2.4	9	3.6	2.7	8.5	3.4	2.55	22		
24	7.7	4.23	3.46	6.7	2.68	2.01	8	3.2	2.4	7.2	2.88	2.16	24		
26	6.6	3.63	2.97	5.5	2.2	1.65	7.5	3	2.25	6	2.4	1.8	26		
28	5.6	3.08	2.52	4.6	1.84	1.38	6.7	2.68	2.01	5	2	1.5	28		
30	4.8	2.64	2.16	3.8	1.52	1.14	6	2.4	1.8	4.3	1.72	1.29	30		
32	4	2.2	1.8	3.1	1.24	0.93	5.3	2.12	1.59	3.6	1.44	1.08	32		
34	3.5	1.92	1.57	2.5	1	0.75	4.6	1.84	1.38	3	1.2	0.9	34		
36				2	0.8	0.6	4	1.6	1.2	2.4	0.96	0.72	36		
38				1.5	0.6	0.45	3.5	1.4	1.05	2	0.8	0.6	38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	7			5									Reeving		
Main hook	60t												Main hook		
Telescopic mode	I	1			3			1			2			I	Telescopic mode
	II	3			2			1			3			II	
	III	2			2			3			2			III	
	IV	2			2			3			2			IV	
	V	2			2			3			2			V	

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended														
Working radius (m)	Overall gradient												Working radius (m)	
	42			42			46.7★			46.7				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5													4.5	
5													5	
5.5													5.5	
6	30	12	9	36	14.4	10.8							6	
6.5	29	11.6	8.7	34	13.6	10.2							6.5	
7	28	11.2	8.4	33	13.2	9.9				24	9.6	7.2	7	
8	25	10	7.5	30	12	9	36	14.4	10.8	23	9.2	6.9	8	
9	23	9.2	6.9	28	11.2	8.4	34	13.6	10.2	21	8.4	6.3	9	
10	22	8.8	6.6	26	10.4	7.8	31	12.4	9.3	20	8	6	10	
11	20	8	6	25	10	7.5	26.5	10.6	7.95	18.5	7.4	5.55	11	
12	19	7.6	5.7	23	9.2	6.9	23	9.2	6.9	17	6.8	5.1	12	
13	18	7.2	5.4	22	8.8	6.6	20.4	8.16	6.12	16	6.4	4.8	13	
14	17	6.8	5.1	19.7	7.88	5.91	18.2	7.28	5.46	15.5	6.2	4.65	14	
15	16	6.4	4.8	17.6	7.04	5.28	16.4	6.56	4.92	14.8	5.92	4.44	15	
16	15	6	4.5	15.5	6.2	4.65	14.5	5.8	4.35	13.8	5.52	4.14	16	
18	13	5.2	3.9	13	5.2	3.9	11.9	4.76	3.57	12	4.8	3.6	18	
20	11	4.4	3.3	10.8	4.32	3.24	9.8	3.92	2.94	11	4.4	3.3	20	
22	9.5	3.8	2.85	9.2	3.68	2.76	8	3.2	2.4	10	4	3	22	
24	8	3.2	2.4	7.9	3.16	2.37	6.8	2.72	2.04	8.8	3.52	2.64	24	
26	7	2.8	2.1	6.7	2.68	2.01	5.6	2.24	1.68	7.6	3.04	2.28	26	
28	6	2.4	1.8	5.8	2.32	1.74	4.7	1.88	1.41	6.5	2.6	1.95	28	
30	5.3	2.12	1.59	5	2	1.5	3.9	1.56	1.17	5.8	2.32	1.74	30	
32	4.7	1.88	1.41	4.2	1.68	1.26	3.2	1.28	0.96	5.1	2.04	1.53	32	
34	4	1.6	1.2	3.6	1.44	1.08	2.6	1.04	0.78	4.5	1.8	1.35	34	
36	3.5	1.4	1.05	3.1	1.24	0.93	2	0.8	0.6	3.9	1.56	1.17	36	
38	3	1.2	0.9	2.6	1.04	0.78	1.6	0.64	0.48	3.4	1.36	1.02	38	
40							1.1	0.44	0.33	3	1.2	0.9	40	
42										2.5	1	0.75	42	
44										2.2	0.88	0.66	44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving		5					4						Reeving	
Main hook		60t											Main hook	
Telescoping mode	I	1		1		3		1		1		I	Telescoping mode	
	II	2		3		3		2		3		II		
	III	3		3		2		3		3		III		
	IV	3		2		2		3		3		IV		
	V	2		2		2		3		3		V		

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient				Working radius (m)		
	46.7			46.7			51.4★		51.4				
	0°	2°	4°	0°	2°	4°	0°	2°	0°	2°			
2.5											2.5		
3											3		
3.5											3.5		
4											4		
4.5											4.5		
5											5		
5.5											5.5		
6											6		
6.5											6.5		
7	35	14	10.5								7		
8	32	12.8	9.6	27	10.8	8.1					8		
9	30	12	9	25	10	7.5	30	12	22	8.8	9		
10	28	11.2	8.4	24	9.6	7.2	28	11.2	21	8.4	10		
11	26	10.4	7.8	22	8.8	6.6	26.7	10.68	20	8	11		
12	24	9.6	7.2	21	8.4	6.3	23.4	9.36	19	7.6	12		
13	21.3	8.52	6.39	19	7.6	5.7	20.5	8.2	18	7.2	13		
14	19	7.6	5.7	18	7.2	5.4	18.3	7.32	17	6.8	14		
15	17	6.8	5.1	17	6.8	5.1	16.5	6.6	16	6.4	15		
16	15.3	6.12	4.59	16	6.4	4.8	15	6	15	6	16		
18	12.6	5.04	3.78	13	5.2	3.9	12.2	4.88	13.5	5.4	18		
20	10.5	4.2	3.15	11	4.4	3.3	10	4	11.5	4.6	20		
22	8.7	3.48	2.61	9.5	3.8	2.85	8.3	3.32	10	4	22		
24	7.4	2.96	2.22	8.2	3.28	2.46	7	2.8	8.5	3.4	24		
26	6.2	2.48	1.86	7	2.8	2.1	5.8	2.32	7.5	3	26		
28	5.3	2.12	1.59	6	2.4	1.8	4.9	1.96	6.5	2.6	28		
30	4.5	1.8	1.35	5.3	2.12	1.59	4.1	1.64	5.7	2.28	30		
32	3.8	1.52	1.14	4.5	1.8	1.35	3.4	1.36	5	2	32		
34	3.2	1.28	0.96	3.9	1.56	1.17	2.8	1.12	4.3	1.72	34		
36	2.6	1.04	0.78	3.4	1.36	1.02	2.3	0.92	3.8	1.52	36		
38	2	0.8	0.6	2.9	1.16	0.87	1.8	0.72	3.3	1.32	38		
40	1.7	0.68	0.51	2.5	1	0.75	1.3	0.52	2.8	1.12	40		
42	1.3	0.52	0.39	2.1	0.84	0.63			2.5	1	42		
44				1.7	0.68	0.51			2.1	0.84	44		
46									1.8	0.72	46		
48									1.5	0.6	48		
50											50		
52											52		
54											54		
56											56		
58											58		
Reeving		4					3				Reeving		
Main hook		60t									Main hook		
Telescoping mode	I	2			1			3		1		I	Telescoping mode
	II	3			3			3		3		II	
	III	3			3			3		3		III	
	IV	2			3			2		3		IV	
	V	2			2			2		3		V	

(Continued) Table 2-5 Rated capacity chart with boom only

Unit: t

360° working range, 20 t counterweight, 7 t balance counterweight, crawler carriers fully extended							
Working radius (m)	Boom length (m)		Overall gradient				Working radius (m)
	51.4		56.1★	56.1	60.8★	65★	
	0°	2°	0°	0°	0°	0°	
2.5							2.5
3							3
3.5							3.5
4							4
4.5							4.5
5							5
5.5							5.5
6							6
6.5							6.5
7							7
8							8
9	27	10.8					9
10	25	10	25	22			10
11	23	9.2	24	21			11
12	22	8.8	23	20	20		12
13	21	8.4	20	19	19	15.5	13
14	19	7.6	18	18	18	15.5	14
15	17	6.8	16.8	17	17	14.3	15
16	15.5	6.2	15.4	16	16	13.8	16
18	13	5.2	12.6	13.4	13	12.6	18
20	10.8	4.32	10.4	11.2	10.9	10.5	20
22	9	3.6	8.7	9.5	9.2	8.9	22
24	7.7	3.08	7.4	8.2	7.8	7.5	24
26	6.6	2.64	6.2	7	6.6	6.5	26
28	5.6	2.24	5.2	6	5.7	5.5	28
30	4.8	1.92	4.4	5.2	4.8	4.9	30
32	4.1	1.64	3.7	4.5	4.1	4.2	32
34	3.5	1.4	3.1	3.9	3.5	3.5	34
36	2.9	1.16	2.6	3.3	3	3	36
38	2.5	1	2.1	2.8	2.5	2.5	38
40	2	0.8	1.7	2.4	2.1	2.1	40
42	1.6	0.64	1.3	2	1.7	1.7	42
44	1.3	0.52		1.7	1.3	1.3	44
46	1	0.4		1.4	1	1	46
48							48
50							50
52							52
54							54
56							56
58							58
Reeving		3					Reeving
Main hook		60t		25t			Main hook
Telescoping mode	I	2	3	2	3	4	I
	II	3	3	3	3	4	II
	III	3	3	3	3	4	III
	IV	3	3	3	3	4	IV
	V	2	2	3	3	4	V

Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	13.8★			18.5★			18.5			18.5			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3	135	94.5	81	115	80.5	69	54	37.8	32.4	105	73.5	63	3
3.5	130	91	78	110	77	66	50	35	30	90	63	54	3.5
4	115	80.5	69	107	74.9	64.2	48	33.6	28.8	85	59.5	51	4
4.5	100	70	60	100	70	60	46	32.2	27.6	83	58.1	49.8	4.5
5	85	59.5	51	80	56	48	43	30.1	25.8	72	50.4	43.2	5
5.5	68	47.6	40.8	67	46.9	40.2	42	29.4	25.2	60	42	36	5.5
6	56	39.2	33.6	56	39.2	33.6	40	28	24	54	37.8	32.4	6
6.5	53	37.1	31.8	53	37.1	31.8	38	26.6	22.8	49	34.3	29.4	6.5
7	46	32.2	27.6	46	32.2	27.6	37	25.9	22.2	45	31.5	27	7
8	35	24.5	21	35	24.5	21	35	24.5	21	35	24.5	21	8
9	29	20.3	17.4	29	20.3	17.4	30	21	18	28	19.6	16.8	9
10	24	16.8	14.4	24	16.8	14.4	24.8	17.36	14.88	24	16.8	14.4	10
11	20	14	12	20	14	12	21	14.7	12.6	20	14	12	11
12				17	11.9	10.2	18.2	12.74	10.92	17.5	12.25	10.5	12
13				14.8	10.36	8.88	15.8	11.06	9.48	15.2	10.64	9.12	13
14				12.8	8.96	7.68	14	9.8	8.4	13.2	9.24	7.92	14
15				11.2	7.84	6.72	12.3	8.61	7.38	11.6	8.12	6.96	15
16													16
18													18
20													20
22													22
24													24
26													26
28													28
30													30
32													32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	14			12									Reeving
Main hook	150t			110t									Main hook
Telescopic mode	I	1		1		1		1		1		I	Telescopic mode
	II	1		2		1		1		1		II	
	III	1		1		1		2		1		III	
	IV	1		1		1		1		1		IV	
	V	1		1		2		1		1		V	

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	18.5			23.2★			23.2			23.2					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3	90	63	54										3		
3.5	82	57.4	49.2	105	73.5	63	27	18.9	16.2	95	66.5	57	3.5		
4	80	56	48	100	70	60	25	17.5	15	90	63	54	4		
4.5	78	54.6	46.8	90	63	54	24	16.8	14.4	85	59.5	51	4.5		
5	73	51.1	43.8	76	53.2	45.6	22.5	15.75	13.5	75	52.5	45	5		
5.5	60	42	36	64	44.8	38.4	21	14.7	12.6	70	49	42	5.5		
6	57	39.9	34.2	55	38.5	33	20	14	12	60	42	36	6		
6.5	52	36.4	31.2	47	32.9	28.2	19	13.3	11.4	52	36.4	31.2	6.5		
7	46	32.2	27.6	42	29.4	25.2	18	12.6	10.8	45	31.5	27	7		
8	36	25.2	21.6	33	23.1	19.8	17	11.9	10.2	35	24.5	21	8		
9	29	20.3	17.4	27	18.9	16.2	16	11.2	9.6	28.5	19.95	17.1	9		
10	25	17.5	15	22	15.4	13.2	15	10.5	9	23.7	16.59	14.22	10		
11	20.5	14.35	12.3	19	13.3	11.4	14	9.8	8.4	21	14.7	12.6	11		
12	18	12.6	10.8	16.5	11.55	9.9	13	9.1	7.8	18	12.6	10.8	12		
13	15.7	10.99	9.42	14.2	9.94	8.52	12	8.4	7.2	15.6	10.92	9.36	13		
14	13.8	9.66	8.28	12.2	8.54	7.32	11	7.7	6.6	13.6	9.52	8.16	14		
15	12.2	8.54	7.32	10.6	7.42	6.36	10.5	7.35	6.3	12	8.4	7.2	15		
16				9.2	6.44	5.52	10	7	6	10.6	7.42	6.36	16		
18				7	4.9	4.2	9.2	6.44	5.52	8.3	5.81	4.98	18		
20				5.2	3.64	3.12	8.4	5.88	5.04	6.5	4.55	3.9	20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	12			11										Reeving	
Main hook	110t													Main hook	
mode Telescoping	I	1			2			1			1			I	mode Telescoping
	II	1			2			1			2			II	
	III	1			1			1			2			III	
	IV	2			1			1			1			IV	
	V	1			1			3			1			V	

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	23.2			23.2			27.9★			27.9			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5	55	38.5	33	76	53.2	45.							3.5
4	53	37.1	31.8	70	49	42	80	44	36	28	15.4	12.6	4
4.5	50	35	30	66	46.2	39.	80	44	36	26	14.3	11.7	4.5
5	48	33.6	28.8	62	43.4	37.	75	41.2	33.7	25	13.75	11.25	5
5.5	47	32.9	28.2	59	41.3	35.	67	36.8	30.1	23.	12.92	10.57	5.5
6	45	31.5	27	56	39.2	33.	57	31.3	25.6	22	12.1	9.9	6
6.5	43	30.1	25.8	50	35	30	50	27.5	22.5	21	11.55	9.45	6.5
7	42	29.4	25.2	45	31.5	27	45	24.7	20.2	20	11	9	7
8	37.	26.1	22.4	36	25.2	21.	35	19.2	15.7	19	10.45	8.55	8
9	30	21	18	30	21	18	29	15.9	13.0	18	9.9	8.1	9
10	25.	17.9	15.3	25	17.5	15	24	13.2	10.8	17	9.35	7.65	10
11	23	16.1	13.8	22	15.4	13.	20	11	9	16	8.8	7.2	11
12	20	14	12	19	13.3	11.	17	9.35	7.65	15	8.25	6.75	12
13	17.	12.1	10.4	16.	11.5	9.9	15	8.25	6.75	14	7.7	6.3	13
14	15.	10.7	9.24	14.	10.2	8.7	13	7.15	5.85	13	7.15	5.85	14
15	13.	9.59	8.22	13	9.1	7.8	11.	6.21	5.08	12	6.6	5.4	15
16	12.	8.61	7.38	11.	8.05	6.9	10	5.5	4.5	11.	6.16	5.04	16
18	10	7	6	9.2	6.44	5.5	7.7	4.23	3.46	10	5.5	4.5	18
20	8.2	5.74	4.92	7.5	5.25	4.5	6	3.3	2.7	9	4.95	4.05	20
22							4.6	2.53	2.07	7.5	4.125	3.375	22
24							3.5	1.92	1.57	6.2	3.41	2.79	24
26													26
28													28
30													30
32													32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	11						9						Reeving
Main	110t												Main hook
mode Telescoping	I	1		1		2		1		1		I	mode Telescoping
	II	1		1		2		1		1		II	
	III	1		2		2		1		1		III	
	IV	2		2		1		2		2		IV	
	V	2		1		1		3		3		V	

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	27.9			27.9			27.9			32.6★					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3													3		
3.5													3.5		
4	80	44	36	56	30.8	25.2	31	17.0	13.9				4		
4.5	76	41.8	34.2	54	29.7	24.3	30	16.5	13.5	68	37.4	30.6	4.5		
5	72	39.6	32.4	52	28.6	23.4	28	15.4	12.6	68	37.4	30.6	5		
5.5	68	37.4	30.6	50	27.5	22.5	26	14.3	11.7	61	33.5	27.4	5.5		
6	60	33	27	48	26.4	21.6	25	13.7	11.2	53	29.1	23.8	6		
6.5	52	28.6	23.4	46	25.3	20.7	24	13.2	10.8	50	27.5	22.5	6.5		
7	46	25.3	20.7	43	23.6	19.3	23	12.6	10.3	44	24.2	19.8	7		
8	36.	20.18	16.51	38	20.9	17.1	21	11.5	9.45	35	19.2	15.7	8		
9	30	16.5	13.5	32.	17.7	14.4	19	10.4	8.55	29	15.9	13.0	9		
10	25	13.75	11.25	27	14.8	12.1	18	9.9	8.1	24	13.2	10.8	10		
11	22	12.1	9.9	23	12.6	10.3	16	8.8	7.2	20	11	9	11		
12	19	10.45	8.55	20	11	9	15	8.25	6.75	17	9.35	7.65	12		
13	16.	9.075	7.425	17.	9.68	7.92	14	7.7	6.3	15	8.25	6.75	13		
14	14.	7.975	6.525	15.	8.52	6.97	13	7.15	5.85	13.	7.42	6.07	14		
15	12.	7.04	5.76	13.	7.59	6.21	12	6.6	5.4	12	6.6	5.4	15		
16	11.	6.27	5.13	12.	6.87	5.62	11.	6.32	5.17	10.	5.88	4.81	16		
18	9.1	5.005	4.095	10	5.5	4.5	10.	5.77	4.72	8.5	4.67	3.82	18		
20	7.4	4.07	3.33	8.4	4.62	3.78	8.7	4.78	3.91	6.7	3.68	3.01	20		
22	6	3.3	2.7	7	3.85	3.15	7.3	4.01	3.28	5.3	2.91	2.38	22		
24	4.8	2.64	2.16	5.8	3.19	2.61	6	3.3	2.7	4.2	2.31	1.89	24		
26										3.3	1.81	1.48	26		
28										2.5	1.37	1.12	28		
30										1.8	0.99	0.81	30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		9									8			Reeving	
Main		110t											Main		
mode	I	1			1			1			2			I	mode
	II	2			1			1			2			II	
	III	2			2			1			2			III	
	IV	2			2			3			2			IV	
	V	1			2			2			1			V	

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	32.6			32.6			32.6			32.6					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5	26	14.3	11.7	58	31.9	26.1	37	20.35	16.65	32	17.6	14.4	4.5		
5	25	13.75	11.25	56	30.8	25.2	35	19.25	15.75	30	16.5	13.5	5		
5.5	23	12.65	10.35	54	29.7	24.3	33	18.15	14.85	29	15.95	13.05	5.5		
6	22	12.1	9.9	53	29.15	23.85	31	17.05	13.95	27	14.85	12.15	6		
6.5	21	11.55	9.45	51	28.05	22.95	30	16.5	13.5	26	14.3	11.7	6.5		
7	20	11	9	48	26.4	21.6	28	15.4	12.6	25	13.75	11.25	7		
8	18	9.9	8.1	39	21.45	17.55	26	14.3	11.7	23	12.65	10.35	8		
9	17	9.35	7.65	32	17.6	14.4	24	13.2	10.8	21	11.55	9.45	9		
10	15.5	8.525	6.975	26	14.3	11.7	22	12.1	9.9	20	11	9	10		
11	14.5	7.975	6.525	23	12.65	10.35	20	11	9	18	9.9	8.1	11		
12	13	7.15	5.85	19	10.45	8.55	19	10.45	8.55	17	9.35	7.65	12		
13	12.5	6.875	5.625	17	9.35	7.65	17.7	9.735	7.965	16	8.8	7.2	13		
14	11.8	6.49	5.31	15	8.25	6.75	15.7	8.635	7.065	15	8.25	6.75	14		
15	11	6.05	4.95	13.7	7.535	6.165	14	7.7	6.3	14	7.7	6.3	15		
16	10.5	5.775	4.725	12.2	6.71	5.49	12.5	6.875	5.625	13	7.15	5.85	16		
18	9.5	5.225	4.275	10	5.5	4.5	10.3	5.665	4.635	10.6	5.83	4.77	18		
20	8.5	4.675	3.825	8	4.4	3.6	8.5	4.675	3.825	8.8	4.84	3.96	20		
22	7.7	4.235	3.465	6.8	3.74	3.06	7.1	3.905	3.195	7.4	4.07	3.33	22		
24	6.6	3.63	2.97	5.6	3.08	2.52	6	3.3	2.7	6.2	3.41	2.79	24		
26	5.7	3.135	2.565	4.7	2.585	2.115	5	2.75	2.25	5.3	2.915	2.385	26		
28	4.9	2.695	2.205	3.9	2.145	1.755	4.2	2.31	1.89	4.5	2.475	2.025	28		
30	4.2	2.31	1.89	3.2	1.76	1.44	3.5	1.925	1.575	3.8	2.09	1.71	30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	8												Reeving		
Main hook	110t												Main hook		
mode Telescopic	I	1			1			1			1			I	mode Telescopic
	II	1			2			1			1			II	
	III	1			2			3			2			III	
	IV	3			2			2			3			IV	
	V	3			2			2			2			V	

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended														
Working radius (m)		Boom length (m)						Overall gradient						Working radius (m)
		37.3★			37.3			37.3			37.3			
		0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5													4.5	
5	60	33	27	26	14.3	11.7	30	16.5	13.5	37	20.3	16.6	5	
5.5	58	31.9	26.1	25	13.75	11.2	30	16.5	13.5	35	19.2	15.7	5.5	
6	55	30.2	24.7	24	13.2	10.8	28	15.4	12.6	33	18.1	14.8	6	
6.5	51	28.0	22.9	23	12.65	10.3	27	14.8	12.1	32	17.6	14.4	6.5	
7	46	25.3	20.7	22	12.1	9.9	25	13.7	11.2	30	16.5	13.5	7	
8	37	20.3	16.6	20	11	9	23	12.6	10.3	28	15.4	12.6	8	
9	31	17.0	13.9	18.	10.17	8.32	21	11.5	9.45	26	14.3	11.7	9	
10	26	14.3	11.7	17	9.35	7.65	20	11	9	24	13.2	10.8	10	
11	22	12.1	9.9	16	8.8	7.2	18	9.9	8.1	22	12.1	9.9	11	
12	19	10.4	8.55	15	8.25	6.75	17	9.35	7.65	20	11	9	12	
13	16	8.8	7.2	14	7.7	6.3	16	8.8	7.2	17.	9.62	7.87	13	
14	14.	7.97	6.52	13.	7.425	6.07	15	8.25	6.75	15.	8.52	6.97	14	
15	13	7.15	5.85	12.	6.875	5.62	14	7.7	6.3	13.	7.59	6.21	15	
16	11.	6.32	5.17	12	6.6	5.4	13	7.15	5.85	12.	6.82	5.58	16	
18	9.2	5.06	4.14	10.	5.775	4.72	10.	5.83	4.77	10	5.5	4.5	18	
20	7.5	4.12	3.37	9.3	5.115	4.18	8.8	4.84	3.96	8.3	4.56	3.73	20	
22	6	3.3	2.7	7.9	4.345	3.55	7.4	4.07	3.33	6.9	3.79	3.10	22	
24	5	2.75	2.25	6.7	3.685	3.01	6.3	3.46	2.83	5.8	3.19	2.61	24	
26	4	2.2	1.8	5.8	3.19	2.61	5.3	2.91	2.38	4.8	2.64	2.16	26	
28	3.3	1.81	1.48	5	2.75	2.25	4.5	2.47	2.02	4	2.2	1.8	28	
30	2.6	1.43	1.17	4.3	2.365	1.93	3.8	2.09	1.71	3.4	1.87	1.53	30	
32	2	1.1	0.9	3.7	2.035	1.66	3.3	1.81	1.48	2.8	1.54	1.26	32	
34	1.5	0.82	0.67	3.2	1.76	1.44	2.7	1.48	1.21	2.2	1.21	0.99	34	
36													36	
38													38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving		7											Reeving	
Main		60t											Main hook	
mode	I	2		1		1		1		1		I	mode	
	II	2		1		1		2		2		II		
	III	2		2		3		3		3		III		
	IV	2		3		3		2		2		IV		
	V	2		3		2		2		2		V		

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	37.3			42★			42			42					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5													4.5		
5	47	25.85	21.15										5		
5.5	45	24.75	20.25										5.5		
6	43	23.65	19.35	48	19.2	14.4	25	10	7.5	43	17.2	12.9	6		
6.5	41	22.55	18.45	45	18	13.5	24	9.6	7.2	41	16.4	12.3	6.5		
7	39	21.45	17.55	43	17.2	12.9	23	9.2	6.9	39	15.6	11.7	7		
8	36	19.8	16.2	36	14.4	10.8	21	8.4	6.3	36	14.4	10.8	8		
9	31	17.05	13.95	30	12	9	20	8	6	31	12.4	9.3	9		
10	26	14.3	11.7	25	10	7.5	18	7.2	5.4	26	10.4	7.8	10		
11	22	12.1	9.9	21	8.4	6.3	17	6.8	5.1	22	8.8	6.6	11		
12	19	10.45	8.55	18	7.2	5.4	16	6.4	4.8	19	7.6	5.7	12		
13	17	9.35	7.65	16	6.4	4.8	15	6	4.5	16.6	6.64	4.98	13		
14	15	8.25	6.75	14	5.6	4.2	14	5.6	4.2	14.6	5.84	4.38	14		
15	13.5	7.425	6.075	12	4.8	3.6	13	5.2	3.9	12.9	5.16	3.87	15		
16	12	6.6	5.4	11	4.4	3.3	12.5	5	3.75	11.5	4.6	3.45	16		
18	9.8	5.39	4.41	8.7	3.48	2.61	11	4.4	3.3	9.2	3.68	2.76	18		
20	8	4.4	3.6	7	2.8	2.1	9.3	3.72	2.79	7.5	3	2.25	20		
22	6.6	3.63	2.97	5.6	2.24	1.68	7.9	3.16	2.37	6	2.4	1.8	22		
24	5.5	3.025	2.475	4.5	1.8	1.35	6.7	2.68	2.01	5	2	1.5	24		
26	4.5	2.475	2.025	3.6	1.44	1.08	5.8	2.32	1.74	4	1.6	1.2	26		
28	3.8	2.09	1.71	2.8	1.12	0.84	5	2	1.5	3.2	1.28	0.96	28		
30	3.1	1.705	1.395	2.1	0.84	0.63	4.3	1.72	1.29	2.6	1.04	0.78	30		
32	2.5	1.375	1.125	1.6	0.64	0.48	3.7	1.48	1.11	2	0.8	0.6	32		
34	2	1.1	0.9	1	0.4	0.3	3.2	1.28	0.96	1.5	0.6	0.45	34		
36							2.7	1.08	0.81	1	0.4	0.3	36		
38							2.3	0.92	0.69				38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	7			5										Reeving	
Main hook	60t													Main hook	
Telescoping mode	I	1			3			1			2			I	Telescoping mode
	II	3			2			1			3			II	
	III	2			2			3			2			III	
	IV	2			2			3			2			IV	
	V	2			2			3			2			V	

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	42			42			46.7★			46.7			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5													4.5
5													5
5.5													5.5
6	30	12	9	36	14.4	10.8							6
6.5	29	11.6	8.7	35	14	10.5							6.5
7	28	11.2	8.4	33	13.2	9.9	38	15.2	11.4	25	10	7.5	7
8	26	10.4	7.8	31	12.4	9.3	35	14	10.5	23	9.2	6.9	8
9	23	9.2	6.9	28	11.2	8.4	30	12	9	21	8.4	6.3	9
10	22	8.8	6.6	26	10.4	7.8	25	10	7.5	20	8	6	10
11	20	8	6	23	9.2	6.9	21	8.4	6.3	19	7.6	5.7	11
12	19	7.6	5.7	20	8	6	18.6	7.44	5.58	18	7.2	5.4	12
13	18	7.2	5.4	17.4	6.96	5.22	16	6.4	4.8	17	6.8	5.1	13
14	16	6.4	4.8	15.4	6.16	4.62	14	5.6	4.2	15.5	6.2	4.65	14
15	14	5.6	4.2	13.7	5.48	4.11	12.5	5	3.75	14.5	5.8	4.35	15
16	12.7	5.08	3.81	12.2	4.88	3.66	11	4.4	3.3	13	5.2	3.9	16
18	10.4	4.16	3.12	10	4	3	8.7	3.48	2.61	10.8	4.32	3.24	18
20	8.7	3.48	2.61	8.2	3.28	2.46	7	2.8	2.1	9	3.6	2.7	20
22	7.2	2.88	2.16	6.8	2.72	2.04	5.6	2.24	1.68	7.7	3.08	2.31	22
24	6.1	2.44	1.83	5.6	2.24	1.68	4.5	1.8	1.35	6.5	2.6	1.95	24
26	5.2	2.08	1.56	4.7	1.88	1.41	3.6	1.44	1.08	5.6	2.24	1.68	26
28	4.3	1.72	1.29	3.9	1.56	1.17	2.8	1.12	0.84	4.8	1.92	1.44	28
30	3.7	1.48	1.11	3.2	1.28	0.96	2.1	0.84	0.63	4.1	1.64	1.23	30
32	3.1	1.24	0.93	2.6	1.04	0.78	1.5	0.6	0.45	3.5	1.4	1.05	32
34	2.6	1.04	0.78	2.1	0.84	0.63	1	0.4	0.3	3	1.2	0.9	34
36	2.1	0.84	0.63	1.7	0.68	0.51				2.5	1	0.75	36
38	1.7	0.68	0.51	1.3	0.52	0.39				2.1	0.84	0.63	38
40										1.7	0.68	0.51	40
42										1.4	0.56	0.42	42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	5						4						Reeving
Main hook	60t												Main hook
Telescopic mode	I	1		1		3		1		1		I	Telescopic mode
	II	2		3		3		2		3		II	
	III	3		3		2		3		3		III	
	IV	3		2		2		3		3		IV	
	V	2		2		2		3		3		V	

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient				Working radius (m)		
	46.7			46.7			51.4★		51.4				
	0°	2°	4°	0°	2°	4°	0°	2°	0°	2°			
2.5											2.5		
3											3		
3.5											3.5		
4											4		
4.5											4.5		
5											5		
5.5											5.5		
6											6		
6.5											6.5		
7	35	14	10.5								7		
8	32	12.8	9.6	28	11.2	8.4					8		
9	30	12	9	26	10.4	7.8	30	12	23	9.2	9		
10	26	10.4	7.8	24	9.6	7.2	25	10	21	8.4	10		
11	22	8.8	6.6	22	8.8	6.6	22	8.8	20	8	11		
12	19	7.6	5.7	20	8	6	19	7.6	19	7.6	12		
13	16.8	6.72	5.04	17.5	7	5.25	16.5	6.6	18	7.2	13		
14	14.8	5.92	4.44	15.5	6.2	4.65	14.5	5.8	16.3	6.52	14		
15	13	5.2	3.9	14	5.6	4.2	12.7	5.08	14.5	5.8	15		
16	11.7	4.68	3.51	12.5	5	3.75	11.3	4.52	13	5.2	16		
18	9.4	3.76	2.82	10	4	3	9	3.6	10.8	4.32	18		
20	7.7	3.08	2.31	8.5	3.4	2.55	7.3	2.92	9	3.6	20		
22	6.2	2.48	1.86	7	2.8	2.1	5.8	2.32	7.5	3	22		
24	5	2	1.5	6	2.4	1.8	4.7	1.88	6.4	2.56	24		
26	4.2	1.68	1.26	5	2	1.5	3.8	1.52	5.4	2.16	26		
28	3.4	1.36	1.02	4.2	1.68	1.26	3	1.2	4.6	1.84	28		
30	2.7	1.08	0.81	3.5	1.4	1.05	2.3	0.92	3.9	1.56	30		
32	2.1	0.84	0.63	2.9	1.16	0.87	1.8	0.72	3.3	1.32	32		
34	1.6	0.64	0.48	2.4	0.96	0.72	1.2	0.48	2.8	1.12	34		
36	1.2	0.48	0.36	2	0.8	0.6			2.3	0.92	36		
38				1.5	0.6	0.45			1.9	0.76	38		
40				1.2	0.48	0.36			1.6	0.64	40		
42				0.9	0.36	0.27			1.2	0.48	42		
44											44		
46											46		
48											48		
50											50		
52											52		
54											54		
56											56		
58											58		
Reeving		4					3				Reeving		
Main hook		60t									Main hook		
Telescoping mode	I	2			1			3		1		I	Telescoping mode
	II	3			3			3		3		II	
	III	3			3			3		3		III	
	IV	2			3			2		3		IV	
	V	2			2			2		3		V	

(Continued) Table 2-6 Rated capacity chart with boom only

Unit: t

360° working range, 10 t counterweight, 7 t balance counterweight,crawler carriers fully extended									
Working radius (m)		Boom length (m)		Overall gradient			Working radius (m)		
		51.4		56.1★	56.1	60.8★		65★	
		0°	2°	0°	0°	0°		0°	
2.5								2.5	
3								3	
3.5								3.5	
4								4	
4.5								4.5	
5								5	
5.5								5.5	
6								6	
6.5								6.5	
7								7	
8								8	
9		27	10.8					9	
10		25	10	25	22			10	
11		22	8.8	22	21	21		11	
12		19.8	7.92	19.5	20	20		12	
13		17	6.8	17	17.9	17.5	15	13	
14		15	6	15	15.8	15.4	15	14	
15		13.5	5.4	13.2	14	13.7	13.8	15	
16		12	4.8	11.7	12.6	12.2	12.3	16	
18		9.8	3.92	9.4	10.3	9.9	10	18	
20		8	3.2	7.6	8.5	8.2	8	20	
22		6.6	2.64	6.2	7	6.7	6.7	22	
24		5.4	2.16	5	5.9	5.5	5.6	24	
26		4.5	1.8	4	4.9	4.6	4.6	26	
28		3.7	1.48	3.3	4	3.8	3.8	28	
30		3	1.2	2.7	3.5	3.1	3	30	
32		2.5	1	2	2.8	2.5	2.5	32	
34		1.9	0.76	1.6	2.3	2	2	34	
36		1.5	0.6	1.1	1.9	1.5	1.6	36	
38		1.1	0.44		1.5	1.1	1.1	38	
40					1.1			40	
42					0.8			42	
44								44	
46								46	
48								48	
50								50	
52								52	
54								54	
56								56	
58								58	
Reeving		3						Reeving	
Main hook		60t		25t				Main hook	
Telescoping mode	I	2		3	2	3	4	I	Telescoping mode
	II	3		3	3	3	4	II	
	III	3		3	3	3	4	III	
	IV	3		3	3	3	4	IV	
	V	2		2	3	3	4	V	

Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended														
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)	
	13.8★			18.5★			18.5			18.5				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3	135	94.5	81	115	80.5	69	54	37.8	32.4	100	70	60	3	
3.5	130	91	78	110	77	66	51	35.7	30.6	95	66.5	57	3.5	
4	115	80.5	69	105	73.5	63	48	33.6	28.8	89	62.3	53.4	4	
4.5	82	57.4	49.2	83	58.1	49.8	46	32.2	27.6	82	57.4	49.2	4.5	
5	65	45.5	39	66.4	46.48	39.84	44	30.8	26.4	67	46.9	40.2	5	
5.5	55	38.5	33	54.9	38.43	32.94	42.5	29.75	25.5	56	39.2	33.6	5.5	
6	43	30.1	25.8	45.8	32.06	27.48	40.4	28.28	24.24	47	32.9	28.2	6	
6.5	36	25.2	21.6	38.7	27.09	23.22	38.7	27.09	23.22	40	28	24	6.5	
7	35	24.5	21	33.2	23.24	19.92	35.5	24.85	21.3	34	23.8	20.4	7	
8	25	17.5	15	25.6	17.92	15.36	27.5	19.25	16.5	26.5	18.55	15.9	8	
9	20	14	12	20.3	14.21	12.18	22.3	15.61	13.38	21	14.7	12.6	9	
10	17	11.9	10.2	16.6	11.62	9.96	18.5	12.95	11.1	17.3	12.11	10.38	10	
11	13	9.1	7.8	13.7	9.59	8.22	15.5	10.85	9.3	14.5	10.15	8.7	11	
12				11.5	8.05	6.9	13.2	9.24	7.92	12.2	8.54	7.32	12	
13				9.7	6.79	5.82	11.4	7.98	6.84	10.4	7.28	6.24	13	
14				8.2	5.74	4.92	9.9	6.93	5.94	8.9	6.23	5.34	14	
15				7	4.9	4.2	8.6	6.02	5.16	7.6	5.32	4.56	15	
16													16	
18													18	
20													20	
22													22	
24													24	
26													26	
28													28	
30													30	
32													32	
34													34	
36													36	
38													38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving	14			12										Reeving
Main hook	150t			110t										Main hook
Telescoping mode	I	1		1		1		1		1		I	Telescoping mode	
	II	1		2		1		1		1		II		
	III	1		1		1		2		2		III		
	IV	1		1		1		1		1		IV		
	V	1		1		2		1		1		V		

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)		Boom length (m) Overall gradient											Working radius (m)		
		18.5			23.2★			23.2			23.2				
		0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°		4°	
2.5													2.5		
3	95	66.5	57										3		
3.5	85	59.5	51	90	63	54	27	18.9	16.2	82	57.4	49.2	3.5		
4	83	58.1	49.8	88	61.6	52.8	25	17.5	15	80	56	48	4		
4.5	80	56	48	72	50.4	43.2	24	16.8	14.4	75	52.5	45	4.5		
5	65	45.5	39	62	43.4	37.2	23	16.1	13.8	61	42.7	36.6	5		
5.5	54	37.8	32.4	52	36.4	31.2	21	14.7	12.6	51	35.7	30.6	5.5		
6	45	31.5	27	43.8	30.66	26.28	20	14	12	46	32.2	27.6	6		
6.5	38	26.6	22.8	38	26.6	22.8	19	13.3	11.4	40	28	24	6.5		
7	35	24.5	21	32	22.4	19.2	18	12.6	10.8	34	23.8	20.4	7		
8	27	18.9	16.2	25	17.5	15	17	11.9	10.2	26.5	18.55	15.9	8		
9	21.7	15.19	13.02	20	14	12	16	11.2	9.6	21.5	15.05	12.9	9		
10	18	12.6	10.8	15.8	11.06	9.48	14.5	10.15	8.7	17.5	12.25	10.5	10		
11	15	10.5	9	13	9.1	7.8	14	9.8	8.4	14.5	10.15	8.7	11		
12	12.7	8.89	7.62	10.8	7.56	6.48	13	9.1	7.8	12.2	8.54	7.32	12		
13	10.9	7.63	6.54	9	6.3	5.4	12	8.4	7.2	10.5	7.35	6.3	13		
14	9.5	6.65	5.7	7.6	5.32	4.56	11	7.7	6.6	9	6.3	5.4	14		
15	8.1	5.67	4.86	6.4	4.48	3.84	9.7	6.79	5.82	7.7	5.39	4.62	15		
16				5.4	3.78	3.24	8.7	6.09	5.22	6.7	4.69	4.02	16		
18				3.7	2.59	2.22	6.9	4.83	4.14	5	3.5	3	18		
20				2.4	1.68	1.44	5.5	3.85	3.3	3.6	2.52	2.16	20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		12			11									Reeving	
Main hook		110t											Main hook		
mode Telescoping	I	1			2			1			1			I	mode Telescoping
	II	1			2			1			2			II	
	III	1			1			1			2			III	
	IV	2			1			1			1			IV	
	V	1			1			3			1			V	

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	23.2			23.2			27.9★			27.9			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5	55	38.5	33	74	51.8	44.4							3.5
4	52	36.4	31.2	69	48.3	41.4	85	46.75	38.25	28	15.4	12.6	4
4.5	50	35	30	65	45.5	39	70	38.5	31.5	26	14.3	11.7	4.5
5	48	33.6	28.8	62	43.4	37.2	57	31.35	25.65	25	13.75	11.25	5
5.5	47	32.9	28.2	55	38.5	33	47	25.85	21.15	24	13.2	10.8	5.5
6	45	31.5	27	47	32.9	28.2	43	23.65	19.35	23	12.65	10.35	6
6.5	41	28.7	24.6	41	28.7	24.6	38	20.9	17.1	22	12.1	9.9	6.5
7	36	25.2	21.6	36	25.2	21.6	33	18.15	14.85	21	11.55	9.45	7
8	28	19.6	16.8	28	19.6	16.8	26	14.3	11.7	19	10.45	8.55	8
9	23	16.1	13.8	22	15.4	13.2	20.4	11.22	9.18	18	9.9	8.1	9
10	19	13.3	11.4	18	12.6	10.8	16.7	9.185	7.515	17	9.35	7.65	10
11	16	11.2	9.6	15	10.5	9	13.8	7.59	6.21	16	8.8	7.2	11
12	14	9.8	8.4	13.2	9.24	7.92	11.6	6.38	5.22	15	8.25	6.75	12
13	12	8.4	7.2	11.5	8.05	6.9	9.8	5.39	4.41	13	7.15	5.85	13
14	10.7	7.49	6.42	9.8	6.86	5.88	8.3	4.565	3.735	11.4	6.27	5.13	14
15	9.4	6.58	5.64	8.7	6.09	5.22	7	3.85	3.15	10	5.5	4.5	15
16	8.3	5.81	4.98	7.6	5.32	4.56	6	3.3	2.7	9	4.95	4.05	16
18	6.5	4.55	3.9	5.8	4.06	3.48	4.4	2.42	1.98	7.3	4.015	3.285	18
20	5.2	3.64	3.12	4.5	3.15	2.7	3	1.65	1.35	6	3.3	2.7	20
22							2	1.1	0.9	5	2.75	2.25	22
24							1.2	0.66	0.54	4	2.2	1.8	24
26													26
28													28
30													30
32													32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	11						9						Reeving
Main hook	110t												Main hook
Telescopic mode	I	1		1		2		1		1		I	Telescopic mode
	II	1		1		2		1		1		II	
	III	1		2		2		1		1		III	
	IV	2		2		1		2		2		IV	
	V	2		1		1		3		3		V	

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended														
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)	
	27.9			27.9			27.9			32.6★				
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°		
2.5													2.5	
3													3	
3.5													3.5	
4	80	44	36	56	30.8	25.2	30	16.5	13.5				4	
4.5	76	41.8	34.2	54	29.7	24.3	30	16.5	13.5	70	38.5	31.5	4.5	
5	63	34.6	28.3	52	28.6	23.4	28	15.4	12.6	59	32.4	26.5	5	
5.5	53	29.1	23.8	50	27.5	22.5	26	14.3	11.7	50	27.5	22.5	5.5	
6	46	25.3	20.7	47	25.85	21.15	25	13.7	11.2	43	23.6	19.3	6	
6.5	40	22	18	42	23.1	18.9	23	12.6	10.3	38	20.9	17.1	6.5	
7	35	19.2	15.7	36	20.18	16.51	22	12.1	9.9	33	18.1	14.8	7	
8	27	14.8	12.1	29	15.95	13.05	20	11	9	27	14.8	12.1	8	
9	22	12.1	9.9	23	12.92	10.57	19	10.4	8.55	21	11.5	9.45	9	
10	18	9.9	8.1	19	10.72	8.775	17	9.35	7.65	17	9.62	7.87	10	
11	15	8.25	6.75	16	9.075	7.425	16	8.8	7.2	14	8.03	6.57	11	
12	13	7.15	5.85	14	7.81	6.39	14	8.03	6.57	12	6.76	5.53	12	
13	11	6.16	5.04	12	6.765	5.535	12	6.98	5.71	10	5.77	4.72	13	
14	9.7	5.33	4.36	10	5.94	4.86	11	6.05	4.95	9	4.95	4.05	14	
15	8.5	4.67	3.82	9.5	5.225	4.275	9.8	5.39	4.41	7.8	4.29	3.51	15	
16	7.5	4.12	3.37	8.5	4.675	3.825	8.7	4.78	3.91	6.7	3.68	3.01	16	
18	5.7	3.13	2.56	6.7	3.685	3.015	7	3.85	3.15	5.1	2.80	2.29	18	
20	4.5	2.47	2.02	5.4	2.97	2.43	5.7	3.13	2.56	3.8	2.09	1.71	20	
22	3.3	1.81	1.48	4.3	2.365	1.935	4.6	2.53	2.07	2.8	1.54	1.26	22	
24	2.5	1.37	1.12	3.5	1.925	1.575	3.7	2.03	1.66	1.9	1.04	0.85	24	
26										1.2	0.66	0.54	26	
28													28	
30													30	
32													32	
34													34	
36													36	
38													38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving	9									8			Reeving	
Main	110t												Main	
Telescoping mode	I	1		1		1		2					I	Telescoping mode
	II	2		1		1		2					II	
	III	2		2		1		2					III	
	IV	2		2		3		2					IV	
	V	1		2		2		1					V	

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	32.6			32.6			32.6			32.6			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5	26	14.3	11.7	58	31.9	26.1	36	19.8	16.2	32	17.6	14.4	4.5
5	25	13.7	11.2	56	30.8	25.2	35	19.25	15.7	30	16.5	13.5	5
5.5	23	12.6	10.3	53	29.15	23.85	32	17.6	14.4	29	15.9	13.0	5.5
6	22	12.1	9.9	46	25.3	20.7	31	17.05	13.9	27	14.8	12.1	6
6.5	21	11.5	9.45	40	22	18	29	15.95	13.0	26	14.3	11.7	6.5
7	20	11	9	35.	19.52	15.97	27	14.85	12.1	25	13.7	11.2	7
8	18	9.9	8.1	29	15.95	13.05	26	14.3	11.7	23	12.6	10.3	8
9	17	9.35	7.65	23	12.65	10.35	24	13.2	10.8	21	11.5	9.45	9
10	15	8.25	6.75	19.	10.56	8.64	19.	10.83	8.86	20	11	9	10
11	14	7.7	6.3	16.	8.965	7.335	16.	9.185	7.51	17	9.35	7.65	11
12	13	7.15	5.85	14	7.7	6.3	14.	7.865	6.43	14.	8.03	6.57	12
13	12	6.6	5.4	12	6.6	5.4	12.	6.875	5.62	12.	7.04	5.76	13
14	11.	6.32	5.17	10.	5.83	4.77	11	6.05	4.95	11.	6.16	5.04	14
15	10.	5.77	4.72	9.3	5.115	4.185	9.7	5.335	4.36	10	5.5	4.5	15
16	9.4	5.17	4.23	8.2	4.51	3.69	8.6	4.73	3.87	9	4.95	4.05	16
18	7.6	4.18	3.42	6.5	3.575	2.925	6.8	3.74	3.06	7	3.85	3.15	18
20	6.2	3.41	2.79	5.2	2.86	2.34	5.5	3.025	2.47	5.7	3.13	2.56	20
22	5.2	2.86	2.34	4.1	2.255	1.845	4.5	2.475	2.02	4.7	2.58	2.11	22
24	4.3	2.36	1.93	3.2	1.76	1.44	3.6	1.98	1.62	3.8	2.09	1.71	24
26	3.6	1.98	1.62	2.5	1.375	1.125	2.9	1.595	1.30	3	1.65	1.35	26
28	3	1.65	1.35	1.9	1.045	0.855	2.2	1.21	0.99	2.5	1.37	1.12	28
30	2.4	1.32	1.08	1.4	0.77	0.63	1.7	0.935	0.76	2	1.1	0.9	30
32													32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	8												Reeving
Main	110t												Main
Telescopic mode	I	1		1		1		1		1		I	Telescopic mode
	II	1		2		1		1		1		II	
	III	1		2		3		2		2		III	
	IV	3		2		2		3		3		IV	
	V	3		2		2		2		2		V	

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	37.3★			37.3			37.3			37.3			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5													4.5
5	59	32.45	26.55	26	14.3	11.7	30	16.5	13.5	37	20.3	16.6	5
5.5	50	27.5	22.5	25	13.7	11.2	29	15.9	13.0	35	19.2	15.7	5.5
6	43	23.65	19.35	24	13.2	10.8	28	15.4	12.6	33	18.1	14.8	6
6.5	38	20.9	17.1	23	12.6	10.3	26	14.3	11.7	32	17.6	14.4	6.5
7	33.	18.53	15.16	22	12.1	9.9	25	13.7	11.2	30	16.5	13.5	7
8	27	14.85	12.15	20	11	9	23	12.6	10.3	27	14.8	12.1	8
9	22	12.1	9.9	18	9.9	8.1	21	11.5	9.45	23.	12.8	10.5	9
10	18.	10.17	8.325	17	9.35	7.65	20	11	9	19.	10.6	8.73	10
11	15.	8.525	6.975	16	8.8	7.2	17	9.35	7.65	16.	9.07	7.42	11
12	13.	7.26	5.94	15	8.25	6.75	14.	8.08	6.61	14	7.7	6.3	12
13	11.	6.27	5.13	13.	7.37	6.03	12.	7.09	5.80	12.	6.71	5.49	13
14	9.8	5.39	4.41	11.	6.49	5.31	11.	6.21	5.08	10.	5.88	4.81	14
15	8.6	4.73	3.87	10.	5.77	4.72	10	5.5	4.5	9.5	5.22	4.27	15
16	7.5	4.125	3.375	9.4	5.17	4.23	8.9	4.89	4.00	8.4	4.62	3.78	16
18	5.8	3.19	2.61	7.6	4.18	3.42	7.2	3.96	3.24	6.6	3.63	2.97	18
20	4.5	2.475	2.025	6.2	3.41	2.79	5.8	3.19	2.61	5.3	2.91	2.38	20
22	3.5	1.925	1.575	5.2	2.86	2.34	4.7	2.58	2.11	4.2	2.31	1.89	22
24	2.6	1.43	1.17	4.3	2.36	1.93	3.9	2.14	1.75	3.3	1.81	1.48	24
26	1.9	1.045	0.855	3.6	1.98	1.62	3.2	1.76	1.44	2.6	1.43	1.17	26
28	1.3	0.715	0.585	3	1.65	1.35	2.5	1.37	1.12	2	1.1	0.9	28
30				2.4	1.32	1.08	2	1.1	0.9	1.5	0.82	0.67	30
32				2	1.1	0.9	1.5	0.82	0.67	1.1	0.60	0.49	32
34				1.6	0.88	0.72	1.2	0.66	0.54				34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving		7											Reeving
Main		60t											Main
mode	I	2		1		1		1		1		I	mode
	II	2		1		1		2		2		II	
	III	2		2		3		3		3		III	
	IV	2		3		3		2		2		IV	
	V	2		3		2		2		2		V	

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended															
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)		
	37.3			42★			42			42					
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°			
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5													4.5		
5	47	25.85	21.15										5		
5.5	45	24.75	20.25										5.5		
6	42	23.1	18.9	42	16.8	12.6	25	10	7.5	42	16.8	12.6	6		
6.5	40	22	18	37	14.8	11.1	24	9.6	7.2	37	14.8	11.1	6.5		
7	35	19.25	15.75	32.5	13	9.75	23	9.2	6.9	33	13.2	9.9	7		
8	28	15.4	12.6	26	10.4	7.8	21	8.4	6.3	26.8	10.72	8.04	8		
9	23	12.65	10.35	21.6	8.64	6.48	20	8	6	22	8.8	6.6	9		
10	19	10.45	8.55	17.9	7.16	5.37	18	7.2	5.4	18.5	7.4	5.55	10		
11	16	8.8	7.2	15	6	4.5	17	6.8	5.1	15.5	6.2	4.65	11		
12	13.8	7.59	6.21	12.7	5.08	3.81	15.3	6.12	4.59	13.2	5.28	3.96	12		
13	12	6.6	5.4	10.9	4.36	3.27	13.4	5.36	4.02	11.3	4.52	3.39	13		
14	10.4	5.72	4.68	9.4	3.76	2.82	11.8	4.72	3.54	9.8	3.92	2.94	14		
15	9	4.95	4.05	8.1	3.24	2.43	10.5	4.2	3.15	8.6	3.44	2.58	15		
16	8	4.4	3.6	7	2.8	2.1	9.4	3.76	2.82	7.5	3	2.25	16		
18	6.3	3.465	2.835	5.3	2.12	1.59	7.6	3.04	2.28	5.8	2.32	1.74	18		
20	5	2.75	2.25	4	1.6	1.2	6.2	2.48	1.86	4.5	1.8	1.35	20		
22	4	2.2	1.8	3	1.2	0.9	5.2	2.08	1.56	3.4	1.36	1.02	22		
24	3	1.65	1.35	2.1	0.84	0.63	4.3	1.72	1.29	2.6	1.04	0.78	24		
26	2.4	1.32	1.08	1.4	0.56	0.42	3.5	1.4	1.05	1.9	0.76	0.57	26		
28	1.8	0.99	0.81				2.9	1.16	0.87	1.3	0.52	0.39	28		
30	1.3	0.715	0.585				2.4	0.96	0.72				30		
32							2	0.8	0.6				32		
34							1.6	0.64	0.48				34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	7			5										Reeving	
Main hook	60t													Main hook	
Telescoping mode	I	1		3		1		2						I	Telescoping mode
	II	3		2		1		3						II	
	III	2		2		3		2						III	
	IV	2		2		3		2						IV	
	V	2		2		3		2						V	

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended													
Working radius radius (m)	Boom length (m)						Overall gradient						Working radius radius (m)
	42			42			46.7★			46.7			
	0°	2°	4°	0°	2°	4°	0°	2°	4°	0°	2°	4°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5													4.5
5													5
5.5													5.5
6	30	12	9	36	14.4	10.8							6
6.5	29	11.6	8.7	34	13.6	10.2							6.5
7	27	10.8	8.1	32	12.8	9.6	32	12.8	9.6	25	10	7.5	7
8	25	10	7.5	27.8	11.12	8.34	25.8	10.32	7.74	23	9.2	6.9	8
9	23	9.2	6.9	23	9.2	6.9	21	8.4	6.3	21	8.4	6.3	9
10	20	8	6	19.3	7.72	5.79	18	7.2	5.4	20	8	6	10
11	17	6.8	5.1	16.3	6.52	4.89	15	6	4.5	17.5	7	5.25	11
12	14.6	5.84	4.38	14	5.6	4.2	12.8	5.12	3.84	15	6	4.5	12
13	12.7	5.08	3.81	12.1	4.84	3.63	10.9	4.36	3.27	13	5.2	3.9	13
14	11	4.4	3.3	10.6	4.24	3.18	9.4	3.76	2.82	11.6	4.64	3.48	14
15	9.8	3.92	2.94	9.3	3.72	2.79	8.1	3.24	2.43	10.3	4.12	3.09	15
16	8.7	3.48	2.61	8.2	3.28	2.46	7	2.8	2.1	9.2	3.68	2.76	16
18	7	2.8	2.1	6.5	2.6	1.95	5.4	2.16	1.62	7.4	2.96	2.22	18
20	5.6	2.24	1.68	5.2	2.08	1.56	4	1.6	1.2	6	2.4	1.8	20
22	4.5	1.8	1.35	4	1.6	1.2	3	1.2	0.9	5	2	1.5	22
24	3.7	1.48	1.11	3.2	1.28	0.96	2.1	0.84	0.63	4	1.6	1.2	24
26	2.9	1.16	0.87	2.5	1	0.75	1.4	0.56	0.42	3.3	1.32	0.99	26
28	2.3	0.92	0.69	1.9	0.76	0.57				2.7	1.08	0.81	28
30	1.8	0.72	0.54	1.4	0.56	0.42				2.2	0.88	0.66	30
32	1.4	0.56	0.42							1.7	0.68	0.51	32
34										1.3	0.52	0.39	34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	5						4						Reeving
Main hook	60t												Main hook
Telescoping mode	I	1		1		3		1				I	Telescoping mode
	II	2		3		3		2				II	
	III	3		3		2		3				III	
	IV	3		2		2		3				IV	
	V	2		2		2		3				V	

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight,crawler carriers fully extended												
Working radius (m)	Boom length (m)						Overall gradient				Working radius (m)	
	46.7			46.7			51.4★		51.4			
	0°	2°	4°	0°	2°	4°	0°	2°	0°	2°		
2.5											2.5	
3											3	
3.5											3.5	
4											4	
4.5											4.5	
5											5	
5.5											5.5	
6											6	
6.5											6.5	
7	33	13.2	9.9								7	
8	27	10.8	8.1	27	10.8	8.1	25.7	10.28	23	9.2	8	
9	22	8.8	6.6	23	9.2	6.9	21.4	8.56	22	8.8	9	
10	18.8	7.52	5.64	20	8	6	18	7.2	20	8	10	
11	15.8	6.32	4.74	16.8	6.72	5.04	15.4	6.16	17	6.8	11	
12	13.5	5.4	4.05	14.5	5.8	4.35	13	5.2	15	6	12	
13	11.6	4.64	3.48	12.5	5	3.75	11.2	4.48	13	5.2	13	
14	10	4	3	11	4.4	3.3	9.7	3.88	11.5	4.6	14	
15	8.8	3.52	2.64	9.7	3.88	2.91	8.4	3.36	10	4	15	
16	7.7	3.08	2.31	8.6	3.44	2.58	7.3	2.92	9	3.6	16	
18	6	2.4	1.8	6.8	2.72	2.04	5.6	2.24	7.2	2.88	18	
20	4.7	1.88	1.41	5.4	2.16	1.62	4.3	1.72	5.9	2.36	20	
22	3.6	1.44	1.08	4.4	1.76	1.32	3.2	1.28	4.8	1.92	22	
24	2.7	1.08	0.81	3.5	1.4	1.05	2.3	0.92	3.9	1.56	24	
26	2	0.8	0.6	2.8	1.12	0.84	1.6	0.64	3.2	1.28	26	
28	1.4	0.56	0.42	2.2	0.88	0.66			2.5	1	28	
30				1.7	0.68	0.51			2	0.8	30	
32									1.5	0.6	32	
34											34	
36											36	
38											38	
40											40	
42											42	
44											44	
46											46	
48											48	
50											50	
52											52	
54											54	
56											56	
58											58	
Reeving		4					3				Reeving	
Main hook		60t									Main hook	
Telescoping mode	I	2		1		3		1		I	Telescoping mode	
	II	3		3		3		3		II		
	III	3		3		3		3		III		
	IV	2		3		2		3		IV		
	V	2		2		2		3		V		

(Continued) Table 2-7 Rated capacity chart with boom only

Unit: t

360° working range, 0 t counterweight, 7 t balance counterweight, crawler carriers fully extended							
Working radius (m)	Boom length (m)		Overall gradient				Working radius (m)
	51.4		56.1★	56.1	60.8★	65★	
	0°	2°	0°	0°	0°	0°	
2.5							2.5
3							3
3.5							3.5
4							4
4.5							4.5
5							5
5.5							5.5
6							6
6.5							6.5
7							7
8	26	10.4					8
9	22	8.8					9
10	19	7.6	18.3	19			10
11	16.2	6.48	15.7	16.7			11
12	14	5.6	13.5	14.5	14		12
13	12	4.8	11.6	12.5	12	12.2	13
14	10.5	4.2	10	11	10.6	10.6	14
15	9.2	3.68	8.8	9.7	9.3	9.3	15
16	8	3.2	7.7	8.5	8.2	8.2	16
18	6.3	2.52	6	6.7	6.4	6.4	18
20	5	2	4.6	5.4	5	5	20
22	4	1.6	3.6	4.3	4	4	22
24	3	1.2	2.7	3.5	3.1	3	24
26	2.3	0.92	1.9	2.7	2.3	2.4	26
28	1.7	0.68	1.4	2.1	1.7	1.8	28
30	1.2	0.48			1.2	1.2	30
32							32
34							34
36							36
38							38
40							40
42							42
44							44
46							46
48							48
50							50
52							52
54							54
56							56
58							58
Reeving		3					Reeving
Main hook		60t	25t				Main hook
Telescoping mode	I	2	3	2	3	4	I
	II	3	3	3	3	4	II
	III	3	3	3	3	4	III
	IV	3	3	3	3	4	IV
	V	2	2	3	3	4	V

Table 2-8 Rated capacity chart with boom and jib

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended													
Working radius(m)	Boom length (m) + Jib (m)												Working radius(m)
	60.8+10.40			65m+10.40m			60.8m+17.50m			65m+17.50m			
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	
16	8.2						4.7			4.7			16
18	8.1	7.5		7.4	7.4		4.6	3.6		4.7			18
20	7.6	7.3	7.1	7.2	7.3	6.6	4.5	3.6		4.6	3.5		20
22	7.4	7.1	6.9	7	7.1	6.6	4.4	3.5	3	4.5	3.5	3	22
24	7.2	6.9	6.7	6.8	6.9	6.2	4.3	3.4	3	4.4	3.4	3	24
26	7	6.7	6.5	6.6	6.7	6	4.2	3.3	2.9	4.3	3.3	2.9	26
28	6.8	6.5	6.3	6.4	6.5	5.8	4.1	3.2	2.8	4.2	3.3	2.8	28
30	6.6	6.3	6.1	6.2	6.3	5.6	4	3.1	2.7	4.1	3.2	2.8	30
32	6.4	6.1	5.9	6	6.1	5.4	3.9	3.0	2.7	3.9	3.2	2.7	32
34	6.2	5.9	5.7	5.8	5.8	5.2	3.7	2.9	2.6	3.7	3.1	2.7	34
36	5.4	5.7	5.5	5.2	5.6	5	3.6	2.8	2.6	3.5	3	2.6	36
38	4.8	5.5	5.3	4.7	5.3	4.8	3.4	2.7	2.5	3.3	2.9	2.6	38
40	4.2	4.8	5.1	4.2	5	4.6	3.2	2.6	2.5	3.1	2.8	2.5	40
42	3.7	4.2	4.5	3.7	4.2	4.2	3	2.5	2.4	3	2.7	2.4	42
44	3.2	3.6	3.9	3.3	3.8	3.8	2.9	2.4	2.4	2.9	2.6	2.4	44
46	2.8	3.2	3.4	2.9	3.3	3.4	2.8	2.3	2.3	2.8	2.5	2.3	46
48	2.5	2.9	3.0	2.5	2.9	3	2.7	2.2	2.3	2.7	2.4	2.3	48
50	2.2	2.5	2.6	2.2	2.5	2.5	2.6	2.1	2.2	2.6	2.3	2.2	50
52	2	2.2	2.3	1.9	2.2	2.2	2.5	2.0	2.2	2.5	2.3	2.1	52
54	1.7	1.9	2.0	1.7	1.9	1.9	2.2	1.9	2.1	2.3	2.2	2.1	54
56	1.5	1.6	1.7	1.5	1.6	1.6	2	1.8	2.1	1.9	2.1	2	56
58	1.3	1.4	1.4	1.3	1.4	1.4	1.7	1.7	2	1.7	1.8	2	58
60	1.1	1.1	1.2	1.1	1.2	1.2	1.5	1.5	1.7	1.4	1.6	1.7	60
62		0.9	0.9	0.9	1	0.9	1.2	1.3	1.4	1.2	1.4	1.5	62
64							1	1.1	1.2	1	1.1	1.2	64
66							0.8	0.9	1	0.8	0.9	1	66
68								0.7	0.8			0.8	68
70													70
Reeving (Auxiliary winch)	1												
Auxiliary hook	9t												

Remarks:

1: when the boom length is 60.8m, the telescoping code is :3 3 3 3 3;

2: when the boom length is 65m, the telescoping code is 4 4 4 4 4.

Table 2-9 Rated capacity chart with boom and tip boom

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended、Overall gradient0 度															
Working radius (m)	Boom length (m) Installation angle of tip boom: 30°												Working radius (m)		
	13.8	18.5★	18.5	18.5	18.5	23.2★	23.2	23.2	23.2	23.2	27.9★	27.9			
2.5													2.5		
3	25												3		
3.5	25												3.5		
4	23.5	23.3	23.2	23.2	23.2								4		
4.5	22.7	23.1	23	23	23	23.5	14.2	23.5	22.7	23			4.5		
5	22	22.8	22.7	22.7	22.7	23.4	14.2	23.5	22.7	23			5		
5.5	21.4	22	22.4	22.4	22.4	23.1	13.8	23.2	22.5	22.7	23.2	14.7	5.5		
6	20.8	21.5	22.1	22.1	22.1	22.8	13.5	22.9	22.2	22.3	23.2	14	6		
6.5	20.2	21	20.5	21.6	21.6	22.6	12.9	22.7	22	22	23.1	13.5	6.5		
7	19.8	20.5	19.6	21.4	21.4	22.4	12.5	22.5	21.8	21.9	23	13	7		
8	20.4	19.5	18.4	20.9	20.9	22	11.6	22.1	21.4	21.5	22.8	12	8		
9	19.8	19.1	18.2	20.2	20.2	21.8	10.8	21.6	20.9	21	22.6	11.3	9		
10	19.6	18.8	17.2	19.5	19.5	21.5	10.1	21	19.7	20.4	22.2	10.7	10		
11	19.4	18.4	16.3	18.9	18.9	21.2	9.5	20.5	18.7	20	21.8	10	11		
12	18.8	17.8	15.5	18.4	18.4	20.8	9	19.8	18	19.3	21.3	9.5	12		
13	18.3	17.3	15.2	17.9	17.9	20.5	8.5	19.4	17.2	18.9	20.8	9	13		
14	18	17.1	14.5	17.5	17.5	20	8.1	19	16.5	18.5	20.4	8.5	14		
15	17.8	16.7	14.2	17.2	17.2	19	7.6	18.7	15.8	18.1	20	8.2	15		
16		15.7	13.5	16.9	16.9	17.5	7.3	18.3	15.2	17.8	19.6	8	16		
18		13	12.5	16	16	15	6.7	17.7	14.2	17.2	18.3	7.7	18		
20		10.8	12	13.5	13.5	12.7	6.1	14.5	13.4	16.7	15.4	7.3	20		
22						10.7	5.6	12.4	12.6	14	13.1	6.8	22		
24						9	4.8	10.6	12.2	12	11.2	6.3	24		
26											9.6	6	26		
28											8.3	5.6	28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	4	4					4					4	Reeving		
Hook	25t													Hook	
Telescoping mode	I	1	1	1	1	1	2	1	1	1	1	2	1	I	Telescoping mode
	II	1	2	1	1	1	2	1	2	1	1	2	1	II	
	III	1	1	1	2	1	1	1	2	1	2	2	1	III	
	IV	1	1	1	1	2	1	1	1	2	2	1	2	IV	
	V	1	1	2	1	1	1	3	1	2	1	1	3	V	

(Continued) Table 2-9 Rated capacity chart with boom and tip boom

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended Overall gradient: 0°															
Working radius (m)	Boom length (m) Installation angle of tip boom: 30°												Working radius (m)		
	27.9	27.9	27.9	32.6★	32.6	32.6	32.6	32.6	37.3★	37.3	37.3	37.3			
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5													4.5		
5													5		
5.5	23.2	21	16.2										5.5		
6	23.2	20.8	16										6		
6.5	23	20.4	15.4	22.5	12.2	21.5	17.5	14.7					6.5		
7	22.8	19.8	14.7	22.5	11.8	21.5	17.3	14					7		
8	22	18.8	13.6	21.2	11.2	20	17	13	19.5	11.6	14.6	18.6	8		
9	21.3	18.2	12.8	20.6	10.5	18.8	16	12.2	18.5	11	13.7	17.5	9		
10	20.7	17.3	11.9	20	9.8	17.9	14.8	11.5	17.8	10.3	13	16.3	10		
11	20	16.5	11.2	19.5	9.4	17.3	14	10.8	17	9.8	12.2	15.3	11		
12	19.7	16.3	10.8	19	8.8	16.5	13	10	16.5	9.4	11.5	14.3	12		
13	19.5	15.6	10.1	18.5	8.5	16	12.2	9.6	15.9	9	11	13.5	13		
14	19.3	15	9.5	17.3	8	15.4	11.5	9	15.4	8.6	10.5	12.8	14		
15	19	14.5	9	17	7.7	14.9	10.8	8.6	14.9	8.2	10	12	15		
16	18.8	14	8.6	15.5	7.2	14.3	10.3	8.2	14.5	7.8	9.5	11.5	16		
18	16.5	13	7.8	14.9	6.5	13.5	9.2	7.5	13.5	7.2	8.6	10.3	18		
20	14.8	12.3	7.2	12.6	5.9	12.7	8.5	6.8	13	6.5	7.8	9.4	20		
22	12.8	11.7	6.5	10.8	5.4	12	7.9	6.3	11.2	6	7	8.5	22		
24	11.2	11.2	6	8	4.9	11.5	8	5.8	10.4	5.5	6.5	7.8	24		
26	9.6	10.5	5.9	8.6	4.5	10	7.3	5.4	9.7	5.1	6	7.2	26		
28	8.5	9.2	5.5	8	4.2	8.9	6.8	5	8.5	4.8	5.5	6.7	28		
30				7	3.9	7.9	6.3	4.8	7.5	4.5	5	6.2	30		
32				6	3.6	6.9	5.9	4.5	6.5	4.1	4.7	5.8	32		
34				5.3	3.4	6.2	5.5	4.3	5.8	3.9	4.3	5.3	34		
36									5.1	3.7	4	5	36		
38									4.5	3.5	3.8	4.6	38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	4			3					3					Reeving	
Hook	25t													Hook	
Telescoping mode	I	1	1	1	2	1	1	1	1	2	1	1	1	I	Telescoping mode
	II	2	1	1	2	1	2	1	1	2	1	1	2	II	
	III	2	2	1	2	1	2	3	2	2	2	3	3	III	
	IV	2	2	3	2	3	2	2	3	2	3	3	2	IV	
	V	1	2	2	1	3	2	2	2	2	3	2	2	V	

(Continued) Table 2-9 Rated capacity chart with boom and tip boom

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended													Overall gradient: 0°		
Working radius (m)	Boom length (m)						Installation angle of tip boom: 30°						Working radius (m)		
	37.3	42★	42	42	42	42	46.7★	46.7	46.7	46.70	51.4★	51.4			
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5													4.5		
5													5		
5.5													5.5		
6													6		
6.5													6.5		
7													7		
8	20												8		
9	19.5	20	11.3	20	14.7	18.5							9		
10	19	19.5	10.7	19.7	13.9	17.5		12.3		16			10		
11	18.3	19	10.3	19	13.2	16.5	20	11.6	18.5	15.2			11		
12	17.7	18.5	9.8	18	12.5	15.6	19.4	11.2	17.5	14.5	18.2	11.8	12		
13	17	17.8	9.3	17.8	11.8	14.8	18.8	10.7	16.7	13.9	16.8	10.9	13		
14	16.5	17.3	9	17.2	11.4	14	18	10.3	16	13.3	16	10.5	14		
15	15.6	16.8	8.6	16.3	10.8	13.3	17	9.9	15.3	12.8	15.5	10	15		
16	14.8	16.3	8.3	15.5	10.4	12.7	16.2	9.6	14.6	12.3	14.9	9.8	16		
18	13.4	16	7.7	14	9.6	11.6	14.8	8.9	13.4	11.3	13.7	9.2	18		
20	12.2	14.5	7	12.6	8.7	10.5	13.5	8.4	12.3	10.5	12.7	8.7	20		
22	11.2	12.5	6.5	11.5	8	9.7	11.9	7.7	11.3	9.7	11.7	8.2	22		
24	10.7	10.7	6	11	7.4	9	10.4	7.2	10.5	8.8	10.5	7.8	24		
26	10	9.2	5.6	9.6	6.8	8.3	9.2	6.7	9.5	8.2	9.5	7.3	26		
28	8.8	8	5.2	8.4	6.2	7.7	8	6.3	8.6	7.6	8.4	6.9	28		
30	7.8	7	4.8	7.4	5.8	7.5	6.9	5.9	7.5	7	7.3	6.5	30		
32	7	6.2	4.5	6.5	5.3	6.6	6	5.5	6.7	6.6	6.4	6.1	32		
34	6.2	5.4	4.2	5.7	5	5.9	5.3	5	5.9	6.2	5.7	5.8	34		
36	5.5	4.7	3.9	5	4.6	5.6	4.6	4.7	5.2	5.7	5	5.5	36		
38	4.8	4.2	3.6	4.5	4.3	5	4	4.4	4.6	5.1	4.3	5.2	38		
40		3.6	3.4	3.9	4	4.5	3.5	4.1	4	4.5	3.8	4.8	40		
42		3.1	3.1	3.4	3.7	3.9	3	3.9	3.6	4	3.3	4.4	42		
44							2.5	3.6	3.1	3.6	2.9	4.1	44		
46							2.1	3.4	2.7	3.2	2.5	3.7	46		
48								3.2	2.3		2.1	3.3	48		
50											1.8	3	50		
52											1.5	2.6	52		
54											1.1	2.3	54		
56													56		
58													58		
Reeving	3	3					2					2		Reeving	
Hook	25t													Hook	
Telescoping mode	I	1	3	1	2	1	1	3	1	2	1	3	1	I	Telescoping mode
	II	3	2	1	3	2	3	3	2	3	3	3	3	II	
	III	2	2	3	2	3	3	2	3	3	3	3	3	III	
	IV	2	2	3	2	3	2	2	3	2	3	2	3	IV	
	V	2	2	3	2	2	2	2	3	2	2	2	3	V	

(Continued) Table 2-9 Rated capacity chart with boom and tip boom

Unit: t

360° working range, 40 t counterweight, 7 t balance counterweight, crawler carriers fully extended						Overall gradient: 0°		
Working radius (m)	Boom length (m)		Installation angle of tip boom: 30°			Working radius (m)		
	51.4	56.1★	56.1	60.8★	65★			
2.5						2.5		
3						3		
3.5						3.5		
4						4		
4.5						4.5		
5						5		
5.5						5.5		
6						6		
6.5						6.5		
7						7		
8						8		
9						9		
10						10		
11						11		
12	15.3					12		
13	14.2	15	12.3			13		
14	13.6	13.8	11.2	12.6		14		
15	13	13.3	10.8	11.5		15		
16	12.6	12.9	10.5	11.2	12	16		
18	11.8	12	10	10.6	10	18		
20	11	11.3	9.4	10	9.4	20		
22	10.3	10.7	8.9	9.6	8.9	22		
24	9.8	10	8.4	9	8.4	24		
26	9.5	9.3	8	8.5	8	26		
28	8.8	8.5	7.9	8.1	7.6	28		
30	7.8	7.5	7.5	7.7	7.3	30		
32	6.9	6.6	7.1	6.8	7	32		
34	6.1	5.8	6.5	6	6.2	34		
36	5.4	5.2	5.8	5.4	5.5	36		
38	4.8	4.6	5.2	4.7	4.9	38		
40	4.3	4	4.6	4.2	4.3	40		
42	3.8	3.5	4.2	3.7	3.9	42		
44	3.3	3	3.7	3.3	3.4	44		
46	3	2.7	3.3	2.8	3	46		
48	2.6	2.3	2.9	2.5	2.6	48		
50	2.2	2	2.6	2.2	2.3	50		
52	1.9	1.6	2.2	1.9	2	52		
54		1.3	1.9	1.5	1.7	54		
56		1	1.7	1.3	1.5	56		
58				1	1.1	58		
Reeving	2	2		2	2	Reeving		
Hook	25t					Hook		
Telescopic mode	I	2	3	2	3	4	I	Telescopic mode
	II	3	3	3	3	4	II	
	III	3	3	3	3	4	III	
	IV	3	3	3	3	4	IV	
	V	2	2	3	3	4	V	

Table 2-10 Rated capacity chart for travelling with load

Unit: t

40 t counterweight, 7 t balance counterweight, crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius (m)		Boom length (m)						Overall gradient						Working radius (m)	
		13.8★			18.5★			18.5			18.5				
		0-1°	1-2.5	2.5-4	0-1	1-2.5	2.5-4	0-1°	1-2.5	2.5-4	0-1	1-2.5	2.5-4		
2.5														2.5	
3		101.2	67.5	67.5	80.	57.5	57.5	37.4	26.7	26.7	77	55	55	3	
3.5		97.5	65	65	77	55	55	35.7	25.5	25.5	73.	52.5	52.5	3.5	
4		90	60	60	74.	53.5	53.5	33.6	24	24	70	50	50	4	
4.5		82.5	55	55	70	50	50	32.2	23	23	66.	47.5	47.5	4.5	
5		75	50	50	67.	48	48	30.8	22	22	62.	44.5	44.5	5	
5.5		67.5	45	45	62.	44.5	44.5	29.4	21	21	58.	42	42	5.5	
6		63.75	42.5	42.5	56.	40.5	40.5	28	20	20	55.	39.5	39.5	6	
6.5		61.5	41	41	52.	37.5	37.5	26.9	19.2	19.2	52.	37.5	37.5	6.5	
7		55.5	37	37	49	35	35	25.9	18.5	18.5	49	35	35	7	
8		46.5	31	31	43.	31	31	24.5	17.5	17.5	42	30	30	8	
9		39.75	26.5	26.5	37.	27	27	22.7	16.2	16.2	34.	24.5	24.5	9	
10		33.75	22.5	22.5	31.	22.5	22.5	21.3	15.2	15.2	28.	20.5	20.5	10	
11		28.5	19	19	27.	19.5	19.5	20.3	14.5	14.5	24.	17.5	17.5	11	
12					23.	16.5	16.5	19.2	13.7	13.7	21.	15.5	15.5	12	
13					21	15	15	18.2	13	13	18.	13.5	13.5	13	
14					18.	13	13	17.5	12.5	12.5	16.	12	12	14	
15					16.	11.5	11.5	16.1	11.5	11.5	15.	11	11	15	
16														16	
18														18	
20														20	
22														22	
24														24	
26														26	
28														28	
30														30	
32														32	
34														34	
36														36	
38														38	
40														40	
42														42	
44														44	
46														46	
48														48	
50														50	
52														52	
54														54	
56														56	
58														58	
Reeving		12			12									Reeving	
Main		110t			110t									Main	
mode	I	1			1			1			1			I	mode
	II	1			2			1			1			II	
	III	1			1			1			2			III	
	IV	1			1			1			1			IV	
	V	1			1			2			1			V	

(Continued) Table 2-10 Rated capacity chart for travelling with load

Unit: t

40 t counterweight, 7 t balance counterweight, crawler carriers fully extended, travel with load over front (lower than 0.2m/s)													
Working radius (m)	Boom length (m) Overall gradient										Working radius (m)		
	18.5			23.2★		23.2		23.2		23.2			
	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°		1-2.5°	
2.5												2.5	
3	73.5	52.5	52.5									3	
3.5	68.6	49	49	73.5	52.5	18.2	13	72.1	51.5	38.5	27.5	3.5	
4	63	45	45	70	50	17.5	12.5	67.2	48	37.1	26.5	4	
4.5	59.5	42.5	42.5	63	45	16.8	12	63	45	35	25	4.5	
5	56	40	40	61.6	44	16.1	11.5	61.6	44	33.6	24	5	
5.5	52.5	37.5	37.5	57.4	41	15.05	10.75	57.4	41	32.2	23	5.5	
6	50.4	36	36	54.6	39	14.35	10.25	54.6	39	31.5	22.5	6	
6.5	47.6	34	34	52.5	37.5	13.65	9.75	52.5	37.5	30.1	21.5	6.5	
7	46.2	33	33	49	35	12.95	9.25	49	35	28	20	7	
8	42	30	30	43.4	31	11.9	8.5	42	30	27.3	19.5	8	
9	35	25	25	35	25	11.2	8	34.3	24.5	25.2	18	9	
10	29.4	21	21	29.4	21	10.5	7.5	28.7	20.5	23.8	17	10	
11	25.2	18	18	24.5	17.5	9.8	7	25.2	18	23.1	16.5	11	
12	21.7	15.5	15.5	21.7	15.5	9.1	6.5	22.4	16	21	15	12	
13	19.6	14	14	18.9	13.5	8.4	6	19.6	14	20.3	14.5	13	
14	17.5	12.5	12.5	17.5	12.5	8.05	5.75	17.5	12.5	18.2	13	14	
15	15.4	11	11	16.1	11.5	7.7	5.5	15.4	11	16.1	11.5	15	
16				14	10	7.35	5.25	14	10	14.7	10.5	16	
18				11.2	8	6.65	4.75	11.9	8.5	12.6	9	18	
20				9.1	6.5	6.3	4.5	9.8	7	10.5	7.5	20	
22												22	
24												24	
26												26	
28												28	
30												30	
32												32	
34												34	
36												36	
38												38	
40												40	
42												42	
44												44	
46												46	
48												48	
50												50	
52												52	
54												54	
56												56	
58												58	
Reeving	12			11									Reeving
Main hook	110t											Main hook	
mode Telescoping	I	1		2		1		1		1		I	mode Telescoping
	II	1		2		1		2		1		II	
	III	1		1		1		2		1		III	
	IV	2		1		1		1		2		IV	
	V	1		1		3		1		2		V	

(Continued) Table 2-10 Rated capacity chart for travelling with load

Unit: t

40 t counterweight, 7 t balance counterweight, crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius (m)		Boom length (m)						Overall gradient						Working radius (m)	
		23.2		27.9★		27.9		27.9		27.9		27.9			
		0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°		
2.5													2.5		
3													3		
3.5	53.2	38											3.5		
4	50.4	36	59.5	42.5	19.6	14	57.4	41	39.9	28.5	22.4	16	4		
4.5	46.9	33.5	59.5	42.5	18.2	13	54.6	39	38.5	27.5	21	15	4.5		
5	44.1	31.5	57.4	41	17.5	12.5	51.1	36.5	37.1	26.5	20.3	14.5	5		
5.5	42	30	54.6	39	16.8	12	49	35	35.7	25.5	18.9	13.5	5.5		
6	39.2	28	52.5	37.5	16.1	11.5	46.2	33	35	25	17.5	12.5	6		
6.5	37.1	26.5	49	35	15.4	11	44.1	31.5	32.9	23.5	16.8	12	6.5		
7	35	25	43.4	31	14.7	10.5	42	30	31.5	22.5	16.1	11.5	7		
8	32.2	23	40.6	29	13.3	9.5	38.5	27.5	28.7	20.5	14.7	10.5	8		
9	29.4	21	38.5	27.5	12.6	9	35	25	25.9	18.5	13.3	9.5	9		
10	28	20	32.9	23.5	11.9	8.5	29.4	21	23.8	17	12.6	9	10		
11	25.2	18	28	20	11.2	8	25.2	18	22.4	16	11.2	8	11		
12	22.4	16	23.8	17	10.5	7.5	22.4	16	21	15	10.5	7.5	12		
13	19.6	14	21	15	9.8	7	19.6	14	19.6	14	9.8	7	13		
14	17.5	12.5	18.2	13	9.45	6.75	17.5	12.5	18.2	13	9.1	6.5	14		
15	15.4	11	16.1	11.5	9.1	6.5	15.4	11	16.8	12	8.75	6.25	15		
16	14	10	14	10	8.4	6	14	10	14.7	10.5	8.4	6	16		
18	11.9	8.5	11.9	8.5	7.7	5.5	11.9	8.5	12.6	9	7.7	5.5	18		
20	9.8	7	9.8	7	7.35	5.25	9.8	7	10.5	7.5	7	5	20		
22			8.4	6	6.65	4.75	8.4	6	9.1	6.5	6.3	4.5	22		
24			7	5	6.3	4.5	7	5	8.4	6	5.6	4	24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		11		9										Reeving	
Main hook		110t												Main hook	
mode Telescoping	I	1		2		1		1		1		1		I	mode Telescoping
	II	1		2		1		2		1		1		II	
	III	2		2		1		2		2		1		III	
	IV	2		1		2		2		2		3		IV	
	V	1		1		3		1		2		2		V	

(Continued) Table 2-10 Rated capacity chart for travelling with load

Unit: t

40 t counterweight, 7 t balance counterweight, crawler carriers fully extended, travel with load over front (lower than 0.2m/s)													
Working radius (m)	Boom length (m) Overall gradient												Working radius (m)
	32.6★		32.6		32.6		32.6		32.6		37.3★		
	0-1°	1-2.5	0-1°	1-2.5	0-1°	1-2.5	0-1°	1-2.5	0-1°	1-2.5	0-1°	1-2.5	
2.5													2.5
3													3
3.5													3.5
4													4
4.5	54.	39	18.	13	40.	29	25.	18.5	22.4	16			4.5
5	54.	39	17.	12.5	40.	29	24.	17.5	21	15	42	30	5
5.5	52.	37.5	16.	11.5	38.	27.5	23.	16.5	20.3	14.5	42	30	5.5
6	49	35	15.	11	37.	26.5	21.	15.5	19.6	14	40.	29	6
6.5	47.	34	14.	10.5	36.	26	21	15	18.2	13	40.	29	6.5
7	45.	32.5	14	10	35	25	19.	14	17.5	12.5	40.	29	7
8	42	30	12.	9	33.	24	18.	13	16.1	11.5	38.	27.5	8
9	37.	26.5	11.	8.5	30.	21.5	16.	12	15.4	11	35	25	9
10	31.	22.5	11.	8	28	20	15.	11	14	10	31.	22.5	10
11	26.	19	10.	7.5	25.	18	14	10	13.3	9.5	28	20	11
12	23.	17	9.8	7	22.	16	13.	9.5	12.6	9	24.	17.5	12
13	21	15	9.1	6.5	18.	13.5	12.	9	11.2	8	21.	15.5	13
14	18.	13	8.4	6	17.	12.5	11.	8.5	10.5	7.5	18.	13.5	14
15	16.	12	7.7	5.5	15.	11	11.	8	10.1	7.25	16.	12	15
16	15.	11	7.7	5.5	14	10	10.	7.5	9.8	7	15.	11	16
18	12.	9	6.6	4.75	11.	8.5	9.1	6.5	8.4	6	13.	9.5	18
20	10.	7.5	6.1	4.4	9.8	7	8.4	6	8.05	5.75	11.	8	20
22	8.4	6	5.6	4	8.4	6	7.7	5.5	7.35	5.25	9.1	6.5	22
24	7	5	4.9	3.5	7.7	5.5	7	5	7	5	7.7	5.5	24
26	6.3	4.5	4.5	3.25	6.3	4.5	6.3	4.5	6.3	4.5	7	5	26
28	5.6	4	4.2	3	5.6	4	5.9	4.25	5.6	4	6.3	4.5	28
30	4.9	3.5	3.8	2.75	4.9	3.5	4.9	3.5	4.9	3.5	5.6	4	30
32											4.9	3.5	32
34													34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	8										7		Reeving
Main hook	110t										60t		Main hook
Telescoping mode	I	2	1	1	1	1	1	1	2	I	Telescoping mode	I	
	II	2	1	2	1	1	1	2	2	II		II	
	III	2	1	2	3	2	2	2	2	III		III	
	IV	2	3	2	2	3	2	2	2	IV		IV	
	V	1	3	2	2	2	2	2	2	V		V	

(Continued) Table 2-10 Rated capacity chart for travelling with load

Unit: t

40 t counterweight, 7 t balance counterweight, crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius (m)		Boom length (m)						Overall gradient					Working radius (m)		
		37.3		37.3		37.3		37.3		42★	42	42		42	
		0-1°	1-2.5	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	0-1°	0-1°		0-1°	
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5													4.5		
5	18.	13	22.	16	26.6	19	33.6	24					5		
5.5	17.	12.5	21	15	25.2	18	31.5	22.5					5.5		
6	16.	12	19.	14	23.8	17	30.1	21.5	30	15	25.8	18	6		
6.5	16.	11.5	18.	13	22.4	16	28	20	28.2	14.4	24.6	17.4	6.5		
7	15.	11	17.	12.5	21.7	15.5	27.3	19.5	27	13.8	23.64	16.8	7		
8	14	10	16.	11.5	19.6	14	25.2	18	25.2	12.6	21.72	15.42	8		
9	12.	9	15.	11	18.2	13	23.1	16.5	22.8	12	20.1	14.4	9		
10	11.	8.5	14	10	16.8	12	21	15	21.6	10.8	18.6	13.2	10		
11	11.	8	12.	9	15.4	11	19.6	14	19.2	10.2	17.34	12.3	11		
12	10.	7.5	11.	8.5	14.7	10.5	18.2	13	18	9.6	16.2	11.52	12		
13	9.8	7	11.	8	14	10	17.5	12.5	16.8	9	15.24	10.8	13		
14	9.1	6.5	10.	7.5	12.6	9	16.1	11.5	15.6	8.4	14.34	10.2	14		
15	8.4	6	9.8	7	11.9	8.5	15.4	11	14.4	7.8	13.5	9.6	15		
16	7.7	5.5	9.1	6.5	11.2	8	14	10	13.2	7.2	12.78	9	16		
18	7	5	8.4	6	9.8	7	11.9	8.5	10.8	6.6	11.16	8.1	18		
20	6.6	4.75	7.7	5.5	9.1	6.5	10.15	7.25	9	6	9.48	7.38	20		
22	6.3	4.5	7	5	8.4	6	8.89	6.35	7.8	5.4	8.1	6.72	22		
24	5.7	4.1	6.3	4.5	7.7	5.5	7.7	5.5	6.6	4.8	6.6	6	24		
26	5.3	3.85	5.6	4	7	5	6.65	4.75	5.4	4.68	5.82	5.58	26		
28	4.9	3.5	5.2	3.75	5.6	4	5.6	4	5.16	4.38	5.1	5.22	28		
30	4.5	3.25	4.9	3.5	5.25	3.75	4.9	3.5	4.5	4.08	4.5	4.8	30		
32	4.2	3	4.5	3.25	4.9	3.5	4.55	3.25	3.9	3.78	3.9	4.44	32		
34	3.8	2.75	4.2	3	4.2	3	4.2	3	3.42	3.54	3.3	4.14	34		
36									2.88	3.3	3	3.84	36		
38									2.4	3	2.7	3.3	38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		7							5				Reeving		
Main hook		60t											Main hook		
Telescoping mode	I	1		1		1		1		3	1	2	1	I	Telescoping mode
	II	1		1		2		3		2	1	3	2	II	
	III	2		3		3		2		2	3	2	3	III	
	IV	3		3		2		2		2	3	2	3	IV	
	V	3		2		2		2		2	3	2	2	V	

(Continued) Table 2-10 Rated capacity chart for travelling with load

Unit: t

40 t counterweight, 7 t balance counterweight, crawler carriers fully extended, travel with load over front (lower than 0.2m/s)												
Working radius (m)		Boom length (m) Overall gradient							Working radius (m)			
		42	46.7★	46.7	46.7	46.7	51.4★	51.4			51.4	
		0-1°	0-1°	0-1°	0-1°	0-1°	0-1°	0-1°			0-1°	
2.5										2.5		
3										3		
3.5										3.5		
4										4		
4.5										4.5		
5										5		
5.5										5.5		
6		21.6								6		
6.5		21								6.5		
7		20.4		15	21					7		
8		18.6	22.2	14.4	19.8	16.8				8		
9		17.4	21	13.2	18.42	15.6	15.5	11.5	13.5	9		
10		16.2	19.8	12.3	17.4	14.58	15.25	10.9	13	10		
11		15	18.3	11.64	16.2	13.68	14.25	10.35	12	11		
12		14.16	17.28	10.8	15.3	12.84	13.75	9.8	11.5	12		
13		13.2	16.2	10.2	14.4	12.12	13	9.35	10.85	13		
14		12.6	15.3	9.6	13.62	11.4	12.25	8.8	10.25	14		
15		11.88	14.58	9.12	12.9	10.8	11.5	8.4	9.75	15		
16		11.22	13.2	8.58	12	10.2	11	8	9.25	16		
18		10.2	10.8	7.8	10.8	9.3	9	7.25	8.5	18		
20		9.24	9	6.9	8.7	8.4	7.5	6.5	7.7	20		
22		8.4	7.68	6.3	7.5	7.68	6.4	6	7	22		
24		7.44	6.48	5.82	6.6	7.08	5.5	5.5	5.6	24		
26		6.42	5.58	5.4	5.7	6.54	5	5	4.85	26		
28		5.76	4.8	4.98	4.92	6	4.25	4.75	4.3	28		
30		5.1	4.2	4.56	4.32	4.8	3.75	4.4	3.8	30		
32		4.5	3.72	4.2	3.78	4.2	3.25	4.1	3.35	32		
34		4.02	3.24	3.96	3.36	3.84	2.75	3.35	3	34		
36		3.6	2.82	3.72	3	3.42	2.5	3.1	2.65	36		
38		3	2.4	3.48	2.64	3.06	2.15	2.75	2.35	38		
40			2.1	3.24	2.28	2.76	1.75	2.5	2.1	40		
42			1.8	3.06	2.04	2.46	1.5	2.25	1.85	42		
44			1.5	2.52	1.8	2.22	1.45	2	1.65	44		
46							1.2	1.8	1.45	46		
48							1	1.65	1.25	48		
50										50		
52										52		
54										54		
56										56		
58										58		
Reeving		5	4				3			Reeving		
Main hook		60t									Main hook	
Telescoping mode	I	1	3	1	2	1	3	1	2	I	Telescoping mode	
	II	3	3	2	3	3	3	3	3	II		
	III	3	2	3	3	3	3	3	3	III		
	IV	2	2	3	2	3	2	3	3	IV		
	V	2	2	3	2	2	2	3	2	V		

Table 2-11 Rated capacity chart for travelling with load

Unit: t

30 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius(m)		Boom length (m)						Overall gradient						Working radius(m)	
		13.8★			18.5★			18.5			18.5				
		0-1°	1-2.5	2.5-4	0-1°	1-2.5	2.5-4	0-1°	1-2.5	2.5-4	0-1°	1-2.5	2.5-4°		
2.5													2.5		
3	101.2	67.5	67.5	80.5	57.5	57.5	35	25	25	70	50	50	3		
3.5	97.5	65	65	77	55	55	33.3	23.8	23.8	66.5	47.5	47.5	3.5		
4	90	60	60	74.9	53.5	53.5	31.5	22.5	22.5	61.6	44	44	4		
4.5	82.5	55	55	70	50	50	30.1	21.5	21.5	58.1	41.5	41.5	4.5		
5	75	50	50	67.2	48	48	29.7	21.2	21.2	54.6	39	39	5		
5.5	67.5	45	45	62.3	44.5	44.5	29.1	20.8	20.8	53.2	38	38	5.5		
6	63.75	42.5	42.5	56.7	40.5	40.5	28.3	20.2	20.2	51.8	37	37	6		
6.5	54	36	36	52.5	37.5	37.5	28	20	20	50.4	36	36	6.5		
7	48.75	32.5	32.5	45.5	32.5	32.5	26.9	19.2	19.2	45.5	32.5	32.5	7		
8	38.25	25.5	25.5	36.4	26	26	25.9	18.5	18.5	36.4	26	26	8		
9	31.5	21	21	30.1	21.5	21.5	24.2	17.3	17.3	30.1	21.5	21.5	9		
10	27	18	18	25.2	18	18	22.8	16.3	16.3	25.2	18	18	10		
11	23.25	15.5	15.5	21.7	15.5	15.5	21.7	15.5	15.5	21.7	15.5	15.5	11		
12				18.9	13.5	13.5	20.6	14.7	14.7	19.6	14	14	12		
13				16.8	12	12	18.2	13	13	17.5	12.5	12.5	13		
14				14.7	10.5	10.5	16.1	11.5	11.5	15.4	11	11	14		
15				13.3	9.5	9.5	14.4	10.3	10.3	14	10	10	15		
16													16		
18													18		
20													20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		12			12									Reeving	
Main hook		110t			110t									Main hook	
Telescoping mode	I	1			1			1			1			I	Telescoping mode
	II	1			2			1			1			II	
	III	1			1			1			2			III	
	IV	1			1			1			1			IV	
	V	1			1			2			1			V	

(Continued) Table 2-11 Rated capacity chart for travelling with load

Unit: t

30 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)													
Working radius (m)	Boom length (m) Overall gradient										Working radius (m)		
	18.5			23.2★		23.2		23.2		23.2			
	0-1°	1°-2.5°	2.5°-4°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°		1°-2.5°	
2.5												2.5	
3	63	45	45									3	
3.5	59.5	42.5	42.5	73.5	52.5	18.9	13.5	66.5	47.5	39.2	28	3.5	
4	54.6	39	39	70	50	18.06	12.9	63	45	37.8	27	4	
4.5	52.5	37.5	37.5	63	45	17.08	12.2	59.5	42.5	36.4	26	4.5	
5	50.4	36	36	61.6	44	16.1	11.5	56	40	35	25	5	
5.5	49	35	35	57.4	41	15.4	11	52.5	37.5	33.6	24	5.5	
6	47.6	34	34	53.2	38	14.56	10.4	50.4	36	32.2	23	6	
6.5	46.2	33	33	46.2	33	13.86	9.9	47.6	34	30.8	22	6.5	
7	44.45	31.75	31.75	39.9	28.5	13.3	9.5	43.4	31	29.4	21	7	
8	37.1	26.5	26.5	35.7	25.5	12.25	8.75	36.89	26.35	28	20	8	
9	30.1	21.5	21.5	29.12	20.8	11.2	8	30.1	21.5	25.9	18.5	9	
10	25.9	18.5	18.5	24.64	17.6	10.5	7.5	25.55	18.25	24.5	17.5	10	
11	22.4	16	16	21	15	9.8	7	22.4	16	22.4	16	11	
12	19.6	14	14	18.9	13.5	9.1	6.5	19.6	14	21	15	12	
13	17.5	12.5	12.5	16.45	11.75	8.68	6.2	17.5	12.5	18.55	13.25	13	
14	15.75	11.25	11.25	14.49	10.35	8.19	5.85	15.4	11	16.38	11.7	14	
15	14	10	10	12.88	9.2	7.7	5.5	13.79	9.85	15.05	10.75	15	
16				11.48	8.2	7.35	5.25	12.46	8.9	13.65	9.75	16	
18				9.24	6.6	6.72	4.8	10.15	7.25	11.34	8.1	18	
20				7.56	5.4	6.23	4.45	8.47	6.05	9.59	6.85	20	
22												22	
24												24	
26												26	
28												28	
30												30	
32												32	
34												34	
36												36	
38												38	
40												40	
42												42	
44												44	
46												46	
48												48	
50												50	
52												52	
54												54	
56												56	
58												58	
Reeving	12			11								Reeving	
Main hook	110t											Main hook	
Telescoping mode	I	1		2		1		1		1		I	Telescoping mode
	II	1		2		1		2		1		II	
	III	1		1		1		2		1		III	
	IV	2		1		1		1		2		IV	
	V	1		1		3		1		2		V	

(Continued) Table 2-11 Rated capacity chart for travelling with load

Unit: t

30 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius		Boom length (m) Overall gradient										Working radius			
		23.2		27.9★		27.9		27.9		27.9			27.9		
		0-1°	1-2.5	0-1°	1-2.5	0-1°	1-2.5	0-1°	1-2.5	0-1°	1-2.5		0-1°	1-2.5	
2.5													2.5		
3													3		
3.5	52.5	37.5											3.5		
4	49	35	59.5	42.5	19.6	14	57.4	41	39.9	28.5	21.7	15.5	4		
4.5	46.2	33	59.5	42.5	18.9	13.5	54.6	39	38.5	27.5	21	15	4.5		
5	43.4	31	57.4	41	17.9	12.8	52.5	37.5	37.1	26.5	19.8	14.1	5		
5.5	42	30	54.6	39	17.0	12.2	49	35	35.7	25.5	18.7	13.4	5.5		
6	39.9	28.5	52.5	37.5	16.3	11.6	46.9	33.5	35	25	17.8	12.7	6		
6.5	37.8	27	49	35	15.6	11.2	44.1	31.5	32.9	23.5	16.9	12.1	6.5		
7	36.4	26	43.4	31	14.9	10.7	42	30	31.5	22.5	16.1	11.5	7		
8	32.9	23.5	35	25	13.7	9.85	38.5	27.5	28.7	20.5	14.7	10.5	8		
9	30.1	21.5	29.4	21	12.8	9.15	31.5	22.5	25.9	18.5	13.6	9.75	9		
10	26.4	18.9	24.8	17.7	11.9	8.5	25.9	18.5	23.8	17	12.6	9	10		
11	23.1	16.5	21.3	15.2	11.2	8	22.4	16	22.4	16	11.6	8.35	11		
12	20.5	14.6	18.6	13.3	10.5	7.5	19.6	14	21	15	10.9	7.85	12		
13	18.2	13	16.4	11.7	10.0	7.15	18.0	12.9	18.5	13.2	10.2	7.35	13		
14	16.1	11.5	14.4	10.3	9.45	6.75	16.1	11.5	16.8	12	9.66	6.9	14		
15	14.4	10.3	13.3	9.5	8.96	6.4	14.4	10.3	15.1	10.8	9.1	6.5	15		
16	13.0	9.35	11.9	8.5	8.54	6.1	13.0	9.3	13.7	9.8	8.61	6.15	16		
18	10.8	7.75	9.8	7	7.84	5.6	10.7	7.65	11.4	8.2	7.7	5.5	18		
20	9.1	6.5	8.05	5.75	7.21	5.15	9.03	6.45	9.8	7	7	5	20		
22			6.72	4.8	6.72	4.8	7.63	5.45	8.4	6	6.51	4.65	22		
24			5.6	4	6.3	4.5	6.51	4.65	7.21	5.15	6.02	4.3	24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		11		9										Reeving	
Main		110t												Main	
mode Telescoping	I	1		2		1		1		1		1		I	mode Telescoping
	II	1		2		1		2		1		1		II	
	III	2		2		1		2		2		1		III	
	IV	2		1		2		2		2		3		IV	
	V	1		1		3		1		2		2		V	

(Continued) Table 2-11 Rated capacity chart for travelling with load

Unit: t

30 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)													
Working radius (m)	Boom length (m)						Overall gradient						Working radius (m)
	32.6★		32.6		32.6		32.6		32.6		37.3★		
	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5	54.6	39	18.2	13	42	30	25.9	18.5	22.75	16.25			4.5
5	54.6	39	17.5	12.5	39.9	28.5	24.5	17.5	21.7	15.5	42	30	5
5.5	52.5	37.5	16.52	11.8	38.5	27.5	23.1	16.5	20.51	14.65	40.6	29	5.5
6	49	35	15.75	11.25	37.1	26.5	21.7	15.5	19.6	14	39.9	28.5	6
6.5	47.6	34	14.91	10.65	36.4	26	21	15	18.69	13.35	38.5	27.5	6.5
7	45.5	32.5	14.21	10.15	35	25	19.6	14	17.92	12.8	37.8	27	7
8	37.1	26.5	13.02	9.3	32.9	23.5	18.2	13	16.45	11.75	36.05	25.75	8
9	30.1	21.5	11.9	8.5	30.1	21.5	16.8	12	15.19	10.85	32.69	23.35	9
10	25.9	18.5	11.06	7.9	27.3	19.5	15.4	11	14.14	10.1	27.51	19.65	10
11	22.75	16.25	10.29	7.35	23.1	16.5	14	10	13.23	9.45	23.66	16.9	11
12	19.95	14.25	9.59	6.85	20.16	14.4	13.3	9.5	12.46	8.9	20.65	14.75	12
13	17.5	12.5	8.96	6.4	17.85	12.75	12.6	9	11.69	8.35	18.2	13	13
14	15.4	11	8.4	6	16.52	11.8	11.9	8.5	11.06	7.9	16.1	11.5	14
15	14	10	7.98	5.7	15.05	10.75	11.2	8	10.43	7.45	14.49	10.35	15
16	12.6	9	7.49	5.35	13.65	9.75	10.5	7.5	9.8	7	13.09	9.35	16
18	10.29	7.35	6.72	4.8	11.34	8.1	9.1	6.5	8.96	6.4	10.85	7.75	18
20	8.54	6.1	6.16	4.4	9.59	6.85	8.4	6	8.19	5.85	9.1	6.5	20
22	7.21	5.15	5.6	4	8.19	5.85	7.7	5.5	7.56	5.4	7.7	5.5	22
24	6.09	4.35	5.11	3.65	7	5	7	5	7	5	6.65	4.75	24
26	5.18	3.7	4.76	3.4	6.16	4.4	6.3	4.5	6.51	4.65	5.6	4	26
28	4.41	3.15	4.34	3.1	5.39	3.85	5.6	4	5.6	4	4.9	3.5	28
30	3.71	2.65	4.06	2.9	4.69	3.35	4.9	3.5	4.9	3.5	4.2	3	30
32											3.71	2.65	32
34											3.15	2.25	34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	8										7		Reeving
Main hook	110t										60t		Main hook
Telescoping mode	I	2	1	1	1	1	1	1	2	I	Telescoping mode	I	
	II	2	1	2	1	1	1	2	2	II		II	
	III	2	1	2	3	2	2	2	2	III		III	
	IV	2	3	2	2	3	2	2	2	IV		IV	
	V	1	3	2	2	2	2	2	2	V		V	

(Continued) Table 2-11 Rated capacity chart for travelling with load Unit: t

30 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)														
Working radius (m)		Boom length (m)Overall gradient										Working radius (m)		
		37.3		37.3		37.3		37.3		42★	42		42	42
		0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	0-1°		0-1°	0-1°
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5													4.5	
5	18.	13.25	21.7	15.5	26.25	18.75	32.9	23.5					5	
5.5	17.	12.75	21	15	24.99	17.85	31.5	22.5					5.5	
6	16.	12	19.95	14.25	23.8	17	30.1	21.5	28.8	15	25.2	18	6	
6.5	16.	11.5	18.9	13.5	22.61	16.15	28.7	20.5	27.6	14.4	24	17.4	6.5	
7	15.	11	18.2	13	21.56	15.4	27.3	19.5	27	13.8	23.4	16.8	7	
8	14.	10.15	16.59	11.85	19.81	14.15	25.2	18	24.6	12.6	21.6	15.6	8	
9	13.	9.4	15.26	10.9	18.2	13	23.1	16.5	22.8	12	19.8	14.4	9	
10	12.	8.7	14	10	16.8	12	21	15	21	11.28	18.6	13.2	10	
11	11.	8.15	13.09	9.35	15.68	11.2	19.6	14	19.8	10.5	17.4	12.3	11	
12	10.	7.65	12.18	8.7	14.7	10.5	18.5	13.25	17.4	9.78	16.2	11.4	12	
13	10.	7.15	11.41	8.15	13.72	9.8	17.5	12.5	15.3	9.18	15	10.8	13	
14	9.4	6.75	10.71	7.65	12.95	9.25	16.1	11.5	13.5	8.64	13.8	10.2	14	
15	8.9	6.4	10.01	7.15	12.18	8.7	14.7	10.5	12.18	8.1	12.42	9.6	15	
16	8.4	6	9.52	6.8	11.48	8.2	13.3	9.5	10.98	7.68	11.22	9	16	
18	7.5	5.4	8.54	6.1	10.29	7.35	11.2	8	9	6.9	9.3	8.1	18	
20	7	5	7.7	5.5	9.31	6.65	9.45	6.75	7.5	6.24	7.8	7.2	20	
22	6.3	4.5	7	5	7.49	5.35	8.12	5.8	6.36	5.7	6.6	6.6	22	
24	5.8	4.15	6.44	4.6	6.51	4.65	7	5	5.4	5.1	5.7	6	24	
26	5.4	3.9	5.95	4.25	5.6	4	6.02	4.3	4.62	4.68	4.86	5.52	26	
28	5.0	3.6	5.46	3.9	4.9	3.5	5.32	3.8	3.96	4.38	4.2	4.8	28	
30	4.7	3.4	5.11	3.65	4.34	3.1	4.62	3.3	3.36	4.08	3.6	4.32	30	
32	4.4	3.15	4.34	3.1	3.85	2.75	4.06	2.9	2.88	3.78	3.12	3.78	32	
34	4.0	2.9	3.85	2.75	3.36	2.4	3.5	2.5	2.46	3.54	2.76	3.36	34	
36									2.1	3.3	2.34	3	36	
38									1.74	2.76	1.98	2.64	38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving	7								5				Reeving	
Main hook	60t												Main	
Telescoping mode	I	1	1	1	1	1	3	1	2	1	I	Telescoping mode		
	II	1	1	2	3	2	1	3	2	II				
	III	2	3	3	2	2	3	2	3	III				
	IV	3	3	2	2	2	3	2	3	IV				
	V	3	2	2	2	2	3	2	2	V				

(Continued) Table 2-11 Rated capacity chart for travelling with load

Unit: t

30 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)											
Working radius		Boom length (m)							Working radius		
		Overall gradient									
		42	46.7★	46.7	46.7	46.7	51.4★	51.4			51.4
		0-1°	0-1°	0-1°	0-1°	0-1°	0-1°	0-1°	0-1°		
2.5										2.5	
3										3	
3.5										3.5	
4										4	
4.5										4.5	
5										5	
5.5										5.5	
6		21.6								6	
6.5		21								6.5	
7		19.8								7	
8		18.6	22.2	13.8	19.2	16.8				8	
9		16.8	20.4	13.2	18	15.6	15	11.5	13.5	9	
10		15.6	19.2	12.3	16.8	14.4	14.5	10.5	12.5	10	
11		15	18	11.52	16.2	13.2	13.5	10	12	11	
12		13.8	16.8	10.8	15	12.6	13	9.5	11.25	12	
13		13.2	15	10.2	13.8	12	12.25	9	10.5	13	
14		12	13.2	9.6	13.2	11.4	11	8.5	10	14	
15		11.4	12	9.12	12.6	10.2	9.9	8	9.5	15	
16		10.8	10.8	8.52	11.4	9.9	8.9	7.5	9	16	
18		9.6	9	7.74	9.42	9	7.35	7	7.75	18	
20		8.22	7.56	7.02	7.92	8.4	6.2	6.5	6.6	20	
22		7.08	6.36	6.36	6.72	7.2	5.25	6	5.6	22	
24		6	5.4	5.82	5.76	6	4.45	5.25	4.85	24	
26		5.28	4.62	5.34	4.98	5.4	3.85	4.6	4.2	26	
28		4.62	3.96	4.92	4.32	4.8	3.3	4	3.65	28	
30		4.02	3.42	4.56	3.72	4.2	2.95	3.7	3.3	30	
32		3.54	2.88	4.08	3.24	3.72	2.5	3.3	2.85	32	
34		3.12	2.46	3.6	2.82	3.3	2.15	2.95	2.5	34	
36		2.7	2.1	3.24	2.46	2.88	1.85	2.6	2.2	36	
38		2.4	1.74	2.88	2.1	2.58	1.55	2.3	1.9	38	
40			1.44	2.58	1.8	2.28	1.3	2.05	1.65	40	
42			1.2	2.28	1.5	1.98	1.1	1.85	1.45	42	
44			0.96	2.04	1.26	1.62	0.9	1.65	1.25	44	
46							0.7	1.45	1.05	46	
48							0.55	1.25	0.85	48	
50										50	
52										52	
54										54	
56										56	
58										58	
Reeving		5	4				3			Reeving	
Main hook		60t								Main hook	
Telescoping mode	I	1	3	1	2	1	3	1	2	I	Telescoping mode
	II	3	3	2	3	3	3	3	3	II	
	III	3	2	3	3	3	3	3	3	III	
	IV	2	2	3	2	3	2	3	3	IV	
	V	2	2	3	2	2	2	3	2	V	

Table 2-12 Rated capacity chart for travelling with load

Unit: t

20 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius(m)		Boom length (m)						Overall gradient						Working radius(m)	
		13.8★			18.5★			18.5			18.5				
		0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°		
2.5													2.5		
3	101.	67.5	67.5	80.5	57.5	57.5	37.1	26.5	26.5	70	50	50	3		
3.5	97.5	65	65	77	55	55	35	25	25	64.4	46	46	3.5		
4	90	60	60	74.9	53.5	53.5	33.6	24	24	59.5	42.5	42.5	4		
4.5	82.5	55	55	70	50	50	31.5	22.5	22.5	58.1	41.5	41.5	4.5		
5	69	46	46	67.2	48	48	30.1	21.5	21.5	54.6	39	39	5		
5.5	54.7	36.5	36.5	58.1	41.5	41.5	29.4	21	21	51.1	36.5	36.5	5.5		
6	52.5	35	35	49	35	35	28	20	20	49	35	35	6		
6.5	46.5	31	31	42	30	30	26.6	19	19	44.1	31.5	31.5	6.5		
7	39.7	26.5	26.5	36.4	26	26	25.9	18.5	18.5	38.5	27.5	27.5	7		
8	31.5	21	21	30.1	21.5	21.5	24.5	17.5	17.5	30.4	21.7	21.7	8		
9	26.2	17.5	17.5	24.5	17.5	17.5	22.4	16	16	25.2	18	18	9		
10	21.7	14.5	14.5	20.6	14.7	14.7	21	15	15	21	15	15	10		
11	18.3	12.2	12.2	17.5	12.5	12.5	18.6	13.3	13.3	17.8	12.7	12.7	11		
12				14.7	10.5	10.5	16.1	11.5	11.5	15.4	11	11	12		
13				13.0	9.3	9.3	14.1	10.1	10.1	13.5	9.65	9.65	13		
14				11.4	8.15	8.15	12.6	9	9	11.9	8.5	8.5	14		
15				10.1	7.25	7.25	11.2	8	8	10.5	7.5	7.5	15		
16													16		
18													18		
20													20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		12			12									Reeving	
Main hook		110t			110t									Main hook	
mode Telescoping	I	1			1			1			1			I	mode Telescoping
	II	1			2			1			1			II	
	III	1			1			1			2			III	
	IV	1			1			1			1			IV	
	V	1			1			2			1			V	

(Continued) Table 2-12 Rated capacity chart for travelling with load

Unit: t

20 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)													
Working radius	Boom length (m) Overall gradient										Working radius		
	18.5			23.2★		23.2		23.2		23.2			
	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°		1-2.5°	
2.5												2.5	
3	63	45	45									3	
3.5	59.5	42.5	42.5	73.5	52.5	18.9	13.5	66.5	47.5	38.5	27.5	3.5	
4	54.6	39	39	70	50	17.85	12.75	60.9	43.5	37.1	26.5	4	
4.5	52.5	37.5	37.5	63	45	16.8	12	57.4	41	35	25	4.5	
5	51.1	36.5	36.5	61.6	44	16.1	11.5	53.9	38.5	33.6	24	5	
5.5	47.6	34	34	56	40	14.7	10.5	52.5	37.5	32.9	23.5	5.5	
6	51.8	37	37	49	35	14.35	10.25	51.1	36.5	31.5	22.5	6	
6.5	44.8	32	32	43.4	31	13.65	9.75	45.5	32.5	30.1	21.5	6.5	
7	39.2	28	28	37.8	27	12.95	9.25	39.2	28	29.4	21	7	
8	30.8	22	22	29.4	21	11.9	8.5	30.8	22	27.3	19.5	8	
9	25.2	18	18	23.8	17	11.2	8	25.2	18	25.9	18.5	9	
10	21	15	15	19.95	14.25	10.15	7.25	21	15	22.4	16	10	
11	18.2	13	13	16.8	12	9.45	6.75	17.92	12.8	18.9	13.5	11	
12	15.82	11.3	11.3	14.49	10.35	9.1	6.5	15.4	11	16.8	12	12	
13	13.86	9.9	9.9	12.6	9	8.4	6	13.51	9.65	14.7	10.5	13	
14	12.25	8.75	8.75	10.99	7.85	8.05	5.75	11.9	8.5	13.09	9.35	14	
15	11.2	8	8	9.66	6.9	7.7	5.5	10.64	7.6	11.76	8.4	15	
16				8.54	6.1	7	5	9.45	6.75	10.64	7.6	16	
18				6.79	4.85	6.65	4.75	7.7	5.5	8.75	6.25	18	
20				5.46	3.9	5.95	4.25	6.3	4.5	7.35	5.25	20	
22												22	
24												24	
26												26	
28												28	
30												30	
32												32	
34												34	
36												36	
38												38	
40												40	
42												42	
44												44	
46												46	
48												48	
50												50	
52												52	
54												54	
56												56	
58												58	
Reeving	12			11								Reeving	
Main hook	110t										Main hook		
Telescoping mode	I	1		2		1		1		1		I	Telescoping mode
	II	1		2		1		2		1		II	
	III	1		1		1		2		1		III	
	IV	2		1		1		1		2		IV	
	V	1		1		3		1		2		V	

(Continued) Table 2-12 Rated capacity chart for travelling with load

Unit: t

20 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius (m)		Boom length (m)										Working radius (m)			
		23.2		27.9★		27.9		27.9		27.9				27.9	
		0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°			0-1°	1-2.5°
2.5														2.5	
3														3	
3.5		53.2	38											3.5	
4		50.4	36	59.5	42.5	19.6	14	54.6	39	39.2	28	21	15	4	
4.5		46.9	33.5	59.5	42.5	18.2	13	52.5	37.5	37.8	27	20.3	14.5	4.5	
5		44.1	31.5	57.4	41	17.5	12.5	51.1	36.5	36.4	26	19.6	14	5	
5.5		42	30	54.6	39	16.8	12	49	35	35	25	18.2	13	5.5	
6		39.2	28	49	35	16.1	11.5	45.5	32.5	34.3	24.5	17.5	12.5	6	
6.5		37.1	26.5	43.4	31	15.4	11	43.4	31	32.9	23.5	16.1	11.5	6.5	
7		35.7	25.5	38.5	27.5	14.7	10.5	39.9	28.5	30.1	21.5	15.4	11	7	
8		29.7	21.25	30.1	21.5	13.3	9.5	31.5	22.5	28	20	14	10	8	
9		25.2	18	24.5	17.5	12.6	9	25.9	18.5	25.9	18.5	13.3	9.5	9	
10		21.7	15.5	20.6	14.75	11.9	8.5	21.7	15.5	22.4	16	11.9	8.5	10	
11		18.6	13.3	17.5	12.5	11.2	8	18.5	13.25	19.3	13.8	11.2	8	11	
12		16.1	11.5	15.4	11	10.5	7.5	16.1	11.5	16.8	12	10.5	7.5	12	
13		14.1	10.1	13.3	9.5	9.8	7	14	10	14.9	10.65	9.8	7	13	
14		12.6	9	12.0	8.6	9.1	6.5	12.5	8.95	13.3	9.5	9.45	6.75	14	
15		11.2	8	10.6	7.6	8.75	6.25	11.2	8	11.9	8.5	8.75	6.25	15	
16		10.0	7.2	9.45	6.75	8.4	6	10.0	7.15	10.7	7.65	8.4	6	16	
18		8.26	5.9	7.56	5.4	7.7	5.5	8.19	5.85	8.89	6.35	7.7	5.5	18	
20		6.86	4.9	6.09	4.35	7	5	6.79	4.85	7.49	5.35	7	5	20	
22				4.9	3.5	6.3	4.5	5.81	4.15	6.44	4.6	6.3	4.5	22	
24				3.99	2.85	5.74	4.1	4.83	3.45	5.53	3.95	5.6	4	24	
26														26	
28														28	
30														30	
32														32	
34														34	
36														36	
38														38	
40														40	
42														42	
44														44	
46														46	
48														48	
50														50	
52														52	
54														54	
56														56	
58														58	
Reeving		11		9										Reeving	
Main hook		110t												Main hook	
mode	I	1		2		1		1		1		1		I	mode
	II	1		2		1		2		1		1		II	
	III	2		2		1		2		2		1		III	
	IV	2		1		2		2		2		3		IV	
	V	1		1		3		1		2		2		V	

(Continued) Table 2-12 Rated capacity chart for travelling with load

Unit: t

20 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius	Boom length (m)						Overall gradient						Working radius		
	32.6★		32.6		32.6		32.6		32.6		37.3★				
	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°			
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5	54.6	39	17.5	12.5	40.6	29	25.2	18	22.4	16			4.5		
5	52.5	37.5	16.8	12	39.55	28.25	24.5	17.5	21	15	42	30	5		
5.5	52.5	37.5	16.1	11.5	38.29	27.35	22.4	16	20.3	14.5	40.6	29	5.5		
6	49	35	15.4	11	37.1	26.5	21.7	15.5	18.9	13.5	39.9	28.5	6		
6.5	43.4	31	14.7	10.5	35.7	25.5	21	15	18.2	13	38.5	27.5	6.5		
7	38.5	27.5	14	10	35	25	19.6	14	17.5	12.5	36.4	26	7		
8	31.5	22.5	12.6	9	32.34	23.1	17.5	12.5	16.1	11.5	31.99	22.85	8		
9	25.9	18.5	11.55	8.25	26.6	19	16.1	11.5	14.7	10.5	26.88	19.2	9		
10	21.7	15.5	10.85	7.75	22.4	16	15.4	11	14	10	22.82	16.3	10		
11	18.2	13	10.15	7.25	19.18	13.7	14	10	12.6	9	19.6	14	11		
12	16.1	11.5	9.45	6.75	17.08	12.2	13.3	9.5	11.9	8.5	16.94	12.1	12		
13	14	10	8.75	6.25	15.05	10.75	12.25	8.75	11.2	8	14.91	10.65	13		
14	12.6	9	8.26	5.9	13.3	9.5	11.55	8.25	10.5	7.5	13.23	9.45	14		
15	11.2	8	7.7	5.5	12.25	8.75	10.85	7.75	10.15	7.25	11.76	8.4	15		
16	9.8	7	7.35	5.25	11.06	7.9	10.5	7.5	9.8	7	10.5	7.5	16		
18	8.12	5.8	6.65	4.75	9.1	6.5	9.1	6.5	8.75	6.25	8.68	6.2	18		
20	6.65	4.75	5.95	4.25	7.63	5.45	7.7	5.5	8.05	5.75	7.14	5.1	20		
22	5.46	3.9	5.46	3.9	6.44	4.6	6.65	4.75	6.86	4.9	6.02	4.3	22		
24	4.55	3.25	4.9	3.5	5.46	3.9	5.74	4.1	5.95	4.25	5.04	3.6	24		
26	3.64	2.6	4.55	3.25	4.69	3.35	4.9	3.5	5.11	3.65	4.2	3	26		
28	3.01	2.15	4.2	3	4.06	2.9	4.2	3	4.48	3.2	3.64	2.6	28		
30	2.45	1.75	3.85	2.75	3.5	2.5	3.64	2.6	3.85	2.75	3.01	2.15	30		
32											2.52	1.8	32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	8										7		Reeving		
Main hook	110t										60t		Main hook		
mode Telescoping	I	2		1		1		1		1		2		I	mode Telescoping
	II	2		1		2		1		1		2		II	
	III	2		1		2		3		2		2		III	
	IV	2		3		2		2		3		2		IV	
	V	1		3		2		2		2		2		V	

(Continued) Table 2-12 Rated capacity chart for travelling with load

Unit: t

20 t counterweight, 7 t balance counterweight, crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius (m)		Boom length (m) Overall gradient										Working radius (m)			
		37.3		37.3		37.3		37.3		42★	42		42	42	
		0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	0-1°		0-1°	0-1°	
2.5													2.5		
3													3		
3.5													3.5		
4													4		
4.5													4.5		
5	18.2	13	21	15	25.	18.5	32.2	23					5		
5.5	17.5	12.5	20.3	14.5	24.	17.5	30.1	21.5					5.5		
6	16.8	12	19.6	14	23.	16.5	29.4	21	28.8	15	25.8	18	6		
6.5	16.1	11.5	18.9	13.5	21.	15.5	28	20	27.6	14.4	24.6	17.4	6.5		
7	15.4	11	17.5	12.5	21	15	26.6	19	25.8	13.8	23.4	16.8	7		
8	14	10	16.1	11.5	18.	13.5	24.5	17.5	24	12.6	21.6	15	8		
9	12.95	9.25	14.7	10.5	17.	12.5	22.4	16	21.6	12	19.8	13.8	9		
10	12.04	8.6	14	10	16.	11.5	21	15	18.6	11.1	18.6	13.2	10		
11	11.2	8	12.6	9	15.	11	19.6	14	16.2	10.2	16.5	12	11		
12	10.5	7.5	11.9	8.5	14	10	17.3	12.4	13.8	9.6	14.4	11.4	12		
13	9.8	7	11.2	8	13.	9.5	14.7	10.5	12	9	12.6	10.8	13		
14	9.45	6.75	10.5	7.5	12.	9	13.3	9.5	10.8	8.4	11.1	10.2	14		
15	8.96	6.4	9.8	7	11.	8.5	11.9	8.5	9.6	7.8	10.0	9.6	15		
16	8.4	6	9.1	6.5	11.	8	10.8	7.75	8.4	7.5	9	9	16		
18	7.35	5.25	8.4	6	9.2	6.6	9.03	6.45	6.9	6.6	7.38	7.8	18		
20	7	5	7.7	5.5	7.7	5.5	7.56	5.4	5.7	6	6.12	6.6	20		
22	6.3	4.5	7	5	6.5	4.65	6.3	4.5	4.8	5.4	5.1	5.7	22		
24	5.88	4.2	5.95	4.25	5.6	4	5.39	3.85	4.02	4.8	4.32	4.8	24		
26	5.46	3.9	5.11	3.65	4.7	3.4	4.62	3.3	3.3	4.5	3.6	4.2	26		
28	4.62	3.3	4.48	3.2	4.0	2.9	3.92	2.8	2.76	4.02	3	3.6	28		
30	4.2	3	3.85	2.75	3.5	2.5	3.36	2.4	2.28	3.6	2.58	3.18	30		
32	3.71	2.65	3.36	2.4	3.0	2.15	2.8	2	1.86	3.18	2.16	2.82	32		
34	3.15	2.25	2.94	2.1	2.6	1.9	2.45	1.75	1.5	2.76	1.8	2.4	34		
36									1.2	2.4	1.44	2.1	36		
38									0.9	2.1	1.2	1.8	38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		7							5				Reeving		
Main hook		60t											Main hook		
mode Telescoping	I	1		1		1		1		3	1	2	1	I	mode Telescoping
	II	1		1		2		3		2	1	3	2	II	
	III	2		3		3		2		2	3	2	3	III	
	IV	3		3		2		2		2	3	2	3	IV	
	V	3		2		2		2		2	3	2	2	V	

(Continued) Table 2-12 Rated capacity chart for travelling with load

Unit: t

20 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)											
Working radius (m)		Boom length (m)				Overall gradient			Working radius (m)		
		42	46.7★	46.7	46.7	46.7	51.4★	51.4		51.4	
		0-1°	0-1°	0-1°	0-1°	0-1°	0-1°	0-1°		0-1°	
2.5									2.5		
3									3		
3.5									3.5		
4									4		
4.5									4.5		
5									5		
5.5									5.5		
6	21.6								6		
6.5	20.4								6.5		
7	19.8		14.4	21					7		
8	18	21.6	13.8	19.2	16.2				8		
9	16.8	20.4	12.6	18	15	15	11	13.5	9		
10	15.6	18.6	12	16.8	14.4	14	10.5	12.5	10		
11	15	15.9	11.1	15.6	13.2	13.35	10	11.5	11		
12	13.8	13.8	10.2	14.4	12.6	11.7	9.5	11	12		
13	13.2	12.24	9.6	12.78	11.4	10.25	9	10.5	13		
14	11.82	10.92	9.3	11.4	10.8	9.15	8.5	9.5	14		
15	10.56	9.84	8.88	10.2	10.2	8.25	8	8.5	15		
16	9.3	8.7	8.28	9.18	9.6	7.5	7.5	7.75	16		
18	7.8	7.14	7.2	7.56	7.8	6.1	6.75	6.5	18		
20	6.48	5.88	6.6	6.3	6.6	5	5.75	5.4	20		
22	5.52	4.8	6	5.22	5.7	4.15	5	4.5	22		
24	4.74	4.08	5.28	4.44	4.92	3.5	4.25	3.85	24		
26	4.02	3.36	4.56	3.72	4.2	2.9	3.75	3.3	26		
28	3.48	2.82	3.9	3.18	3.6	2.45	3.25	2.8	28		
30	3	2.34	3.48	2.7	3.18	2.05	2.85	2.4	30		
32	2.52	1.92	3.06	2.28	2.7	1.7	2.5	2.05	32		
34	2.16	1.56	2.7	1.92	2.34	1.4	2.15	1.75	34		
36	1.86	1.2	2.34	1.56	2.04	1.15	1.9	1.45	36		
38	1.56	0.96	2.04	1.2	1.74	0.9	1.65	1.25	38		
40		0.66	1.8	1.02	1.5	0.65	1.4	1	40		
42			1.5	0.78	1.26		1.25	0.8	42		
44			1.32		1.02		1.05	0.65	44		
46							0.9	0.5	46		
48							0.75		48		
50									50		
52									52		
54									54		
56									56		
58									58		
Reeving		5	4			3			Reeving		
Main hook		60t								Main hook	
Telescoping mode	I	1	3	1	2	1	3	1	2	I	Telescoping mode
	II	3	3	2	3	3	3	3	3	II	
	III	3	2	3	3	3	3	3	3	III	
	IV	2	2	3	2	3	2	3	3	IV	
	V	2	2	3	2	2	2	3	2	V	

Table 2-13 Rated capacity chart for travelling with load

Unit: t

10 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius (m)		Boom length (m)						Overall gradient						Working radius (m)	
		13.8★			18.5★			18.5			18.5				
		0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°		
2.5														2.5	
3		101.	67.5	67.5	80.5	57.5	57.5	37.8	27	27	73.5	52.5	52.5	3	
3.5		97.5	65	65	77	55	55	35	25	25	63	45	45	3.5	
4		86.2	57.5	57.5	74.9	53.5	53.5	33.6	24	24	59.5	42.5	42.5	4	
4.5		75	50	50	70	50	50	32.2	23	23	58.1	41.5	41.5	4.5	
5		63.7	42.5	42.5	56	40	40	30.1	21.5	21.5	50.4	36	36	5	
5.5		51	34	34	46.9	33.5	33.5	29.4	21	21	42	30	30	5.5	
6		42	28	28	39.2	28	28	28	20	20	37.8	27	27	6	
6.5		39.7	26.5	26.5	37.1	26.5	26.5	26.6	19	19	34.3	24.5	24.5	6.5	
7		34.5	23	23	32.2	23	23	25.9	18.5	18.5	31.5	22.5	22.5	7	
8		26.2	17.5	17.5	24.5	17.5	17.5	24.5	17.5	17.5	24.5	17.5	17.5	8	
9		21.7	14.5	14.5	20.3	14.5	14.5	21	15	15	19.6	14	14	9	
10		18	12	12	16.8	12	12	17.36	12.4	12.4	16.8	12	12	10	
11		15	10	10	14	10	10	14.7	10.5	10.5	14	10	10	11	
12					11.9	8.5	8.5	12.74	9.1	9.1	12.2	8.75	8.75	12	
13					10.36	7.4	7.4	11.06	7.9	7.9	10.6	7.6	7.6	13	
14					8.96	6.4	6.4	9.8	7	7	9.24	6.6	6.6	14	
15					7.84	5.6	5.6	8.61	6.15	6.15	8.12	5.8	5.8	15	
16														16	
18														18	
20														20	
22														22	
24														24	
26														26	
28														28	
30														30	
32														32	
34														34	
36														36	
38														38	
40														40	
42														42	
44														44	
46														46	
48														48	
50														50	
52														52	
54														54	
56														56	
58														58	
Reeving		12			12									Reeving	
Main hook		110t			110t									Main hook	
Telescoping mode	I	1			1			1			1			I	Telescoping mode
	II	1			2			1			1			II	
	III	1			1			1			2			III	
	IV	1			1			1			1			IV	
	V	1			1			2			1			V	

(Continued) Table 2-13 Rated capacity chart for travelling with load

Unit: t

10 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)													
Working radius (m)	Boom length (m) Overall gradient										Working radius (m)		
	18.5			23.2★		23.2		23.2		23.2			
	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°		1-2.5°	
2.5												2.5	
3	63	45	45									3	
3.5	57.4	41	41	73.5	52.5	18.9	13.5	66.5	47.5	38.5	27.5	3.5	
4	56	40	40	70	50	17.5	12.5	63	45	37.1	26.5	4	
4.5	54.6	39	39	63	45	16.8	12	59.5	42.5	35	25	4.5	
5	51.1	36.5	36.5	53.2	38	15.75	11.25	52.5	37.5	33.6	24	5	
5.5	42	30	30	44.8	32	14.7	10.5	49	35	32.9	23.5	5.5	
6	39.9	28.5	28.5	38.5	27.5	14	10	42	30	31.5	22.5	6	
6.5	36.4	26	26	32.9	23.5	13.3	9.5	36.4	26	30.1	21.5	6.5	
7	32.2	23	23	29.4	21	12.6	9	31.5	22.5	29.4	21	7	
8	25.2	18	18	23.1	16.5	11.9	8.5	24.5	17.5	26.18	18.7	8	
9	20.3	14.5	14.5	18.9	13.5	11.2	8	19.95	14.25	21	15	9	
10	17.5	12.5	12.5	15.4	11	10.5	7.5	16.59	11.85	17.92	12.8	10	
11	14.35	10.25	10.25	13.3	9.5	9.8	7	14.7	10.5	16.1	11.5	11	
12	12.6	9	9	11.55	8.25	9.1	6.5	12.6	9	14	10	12	
13	10.99	7.85	7.85	9.94	7.1	8.4	6	10.92	7.8	12.18	8.7	13	
14	9.66	6.9	6.9	8.54	6.1	7.7	5.5	9.52	6.8	10.78	7.7	14	
15	8.54	6.1	6.1	7.42	5.3	7.35	5.25	8.4	6	9.59	6.85	15	
16				6.44	4.6	7	5	7.42	5.3	8.61	6.15	16	
18				4.9	3.5	6.44	4.6	5.81	4.15	7	5	18	
20				3.64	2.6	5.88	4.2	4.55	3.25	5.74	4.1	20	
22												22	
24												24	
26												26	
28												28	
30												30	
32												32	
34												34	
36												36	
38												38	
40												40	
42												42	
44												44	
46												46	
48												48	
50												50	
52												52	
54												54	
56												56	
58												58	
Reeving	12			11									Reeving
Main hook	110t												Main hook
Telescoping mode	I	1		2		1		1		1		I	Telescoping mode
	II	1		2		1		2		1		II	
	III	1		1		1		2		1		III	
	IV	2		1		1		1		2		IV	
	V	1		1		3		1		2		V	

(Continued) Table 2-13 Rated capacity chart for travelling with load

Unit: t

10 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working Radius (m)	Boom length (m)						Overall gradient						Working radius(m)		
	23.2		27.9★		27.9		27.9		27.9		27.9				
	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°			
2.5													2.5		
3													3		
3.5	53.2	38											3.5		
4	49	35	56	40	19.6	14	56	40	39.2	28	21.	15.5	4		
4.5	46.2	33	56	40	18.2	13	53.2	38	37.8	27	21	15	4.5		
5	43.4	31	52.	37.5	17.5	12.5	50.4	36	36.4	26	19.	14	5		
5.5	41.3	29.5	46.	33.5	16.4	11.75	47.6	34	35	25	18.	13	5.5		
6	39.2	28	39.	28.5	15.4	11	42	30	33.6	24	17.	12.5	6		
6.5	35	25	35	25	14.7	10.5	36.4	26	32.2	23	16.	12	6.5		
7	31.5	22.5	31.	22.5	14	10	32.2	23	30.1	21.5	16.	11.5	7		
8	25.2	18	24.	17.5	13.3	9.5	25.6	18.35	26.6	19	14.	10.5	8		
9	21	15	20.	14.5	12.6	9	21	15	22.5	16.1	13.	9.5	9		
10	17.5	12.5	16.	12	11.9	8.5	17.5	12.5	18.9	13.5	12.	9	10		
11	15.4	11	14	10	11.2	8	15.4	11	16.1	11.5	11.	8	11		
12	13.3	9.5	11.	8.5	10.5	7.5	13.3	9.5	14	10	10.	7.5	12		
13	11.5	8.25	10.	7.5	9.8	7	11.5	8.25	12.3	8.8	9.8	7	13		
14	10.2	7.3	9.1	6.5	9.1	6.5	10.1	7.25	10.8	7.75	9.1	6.5	14		
15	9.1	6.5	7.9	5.65	8.4	6	8.96	6.4	9.66	6.9	8.4	6	15		
16	8.05	5.75	7	5	7.84	5.6	7.98	5.7	8.75	6.25	8.0	5.75	16		
18	6.44	4.6	5.3	3.85	7	5	6.37	4.55	7	5	7.3	5.25	18		
20	5.25	3.75	4.2	3	6.3	4.5	5.18	3.7	5.88	4.2	6.0	4.35	20		
22			3.2	2.3	5.25	3.75	4.2	3	4.9	3.5	5.1	3.65	22		
24			2.4	1.75	4.34	3.1	3.36	2.4	4.06	2.9	4.2	3	24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving	11		9										Reeving		
Main hook	110t												Main hook		
Telescoping mode	I	1		2		1		1		1		1		I	Telescoping mode
	II	1		2		1		2		1		1		II	
	III	2		2		1		2		2		1		III	
	IV	2		1		2		2		2		3		IV	
	V	1		1		3		1		2		2		V	

(Continued) Table 2-13 Rated capacity chart for travelling with load

Unit: t

10 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)													
Working radius (m)	Boom length (m) Overall gradient												Working radius (m)
	32.6★		32.6		32.6		32.6		32.6		37.3★		
	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	
2.5													2.5
3													3
3.5													3.5
4													4
4.5	47.6	34	18.2	13	40.6	29	25.9	18.5	22.4	16			4.5
5	47.6	34	17.5	12.5	39.2	28	24.5	17.5	21	15	42	30	5
5.5	42.7	30.5	16.1	11.5	37.8	27	23.1	16.5	20.3	14.5	40.6	29	5.5
6	37.1	26.5	15.4	11	37.1	26.5	21.7	15.5	18.9	13.5	38.5	27.5	6
6.5	35	25	14.7	10.5	35.7	25.5	21	15	18.2	13	35.7	25.5	6.5
7	30.8	22	14	10	33.6	24	19.6	14	17.5	12.5	32.2	23	7
8	24.5	17.5	12.6	9	27.3	19.5	18.2	13	16.1	11.5	25.9	18.5	8
9	20.3	14.5	11.9	8.5	22.4	16	16.8	12	14.7	10.5	21.7	15.5	9
10	16.8	12	10.85	7.75	18.2	13	15.4	11	14	10	18.2	13	10
11	14	10	10.15	7.25	16.1	11.5	14	10	12.6	9	15.4	11	11
12	11.9	8.5	9.1	6.5	13.3	9.5	13.3	9.5	11.9	8.5	13.3	9.5	12
13	10.5	7.5	8.75	6.25	11.9	8.5	12.39	8.85	11.2	8	11.2	8	13
14	9.45	6.75	8.26	5.9	10.5	7.5	10.99	7.85	10.5	7.5	10.15	7.25	14
15	8.4	6	7.7	5.5	9.59	6.85	9.8	7	9.8	7	9.1	6.5	15
16	7.49	5.35	7.35	5.25	8.54	6.1	8.75	6.25	9.1	6.5	8.05	5.75	16
18	5.95	4.25	6.65	4.75	7	5	7.21	5.15	7.42	5.3	6.44	4.6	18
20	4.69	3.35	5.95	4.25	5.6	4	5.95	4.25	6.16	4.4	5.25	3.75	20
22	3.71	2.65	5.39	3.85	4.76	3.4	4.97	3.55	5.18	3.7	4.2	3	22
24	2.94	2.1	4.62	3.3	3.92	2.8	4.2	3	4.34	3.1	3.5	2.5	24
26	2.31	1.65	3.99	2.85	3.29	2.35	3.5	2.5	3.71	2.65	2.8	2	26
28	1.75	1.25	3.43	2.45	2.73	1.95	2.94	2.1	3.15	2.25	2.31	1.65	28
30	1.26	0.9	2.94	2.1	2.24	1.6	2.45	1.75	2.66	1.9	1.82	1.3	30
32											1.4	1	32
34											1.05	0.75	34
36													36
38													38
40													40
42													42
44													44
46													46
48													48
50													50
52													52
54													54
56													56
58													58
Reeving	8										7		Reeving
Main hook	110t										60t		Main hook
Telescoping mode	I	2	1	1	1	1	1	1	1	1	2	I	Telescoping mode
	II	2	1	2	1	1	1	1	1	1	2	II	
	III	2	1	2	3	2	2	2	2	2	2	III	
	IV	2	3	2	2	2	3	2	2	2	2	IV	
	V	1	3	2	2	2	2	2	2	2	2	V	

(Continued) Table 2-13 Rated capacity chart for travelling with load

Unit: t

10 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)														
Working radius (m)		Boom length (m)						Overall gradient						Working radius (m)
		37.3		37.3		37.3		37.3		42★	42	42	42	
		0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	0-1°	0-1°	0-1°	
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5													4.5	
5	18.2	13	21	15	25.9	18.5	32.9	23.5					5	
5.5	17.5	12.5	21	15	24.5	17.5	31.5	22.5					5.5	
6	16.8	12	19.6	14	23.1	16.5	30.1	21.5	28.8	15	25.8	18	6	
6.5	16.1	11.5	18.9	13.5	22.4	16	28.7	20.5	27	14.4	24.6	17.4	6.5	
7	15.4	11	17.5	12.5	21	15	27.3	19.5	25.8	13.8	23.4	16.8	7	
8	14	10	16.1	11.5	19.6	14	25.2	18	21.6	12.6	21.6	15.6	8	
9	12.95	9.25	14.7	10.5	18.2	13	21.7	15.5	18	12	18.6	13.8	9	
10	11.9	8.5	14	10	16.8	12	18.2	13	15	10.8	15.6	13.2	10	
11	11.2	8	12.6	9	15.4	11	15.4	11	12.6	10.2	13.2	12	11	
12	10.5	7.5	11.9	8.5	14	10	13.3	9.5	10.8	9.6	11.4	11.4	12	
13	9.8	7	11.2	8	12.25	8.75	11.9	8.5	9.6	9	9.96	10.8	13	
14	9.45	6.75	10.5	7.5	10.85	7.75	10.5	7.5	8.4	8.4	8.76	9.6	14	
15	8.75	6.25	9.8	7	9.66	6.9	9.45	6.75	7.2	7.8	7.74	8.4	15	
16	8.4	6	9.1	6.5	8.68	6.2	8.4	6	6.6	7.5	6.9	7.62	16	
18	7.35	5.25	7.42	5.3	7	5	6.86	4.9	5.22	6.6	5.52	6.24	18	
20	6.51	4.65	6.16	4.4	5.81	4.15	5.6	4	4.2	5.58	4.5	5.22	20	
22	5.53	3.95	5.18	3.7	4.83	3.45	4.62	3.3	3.36	4.74	3.6	4.32	22	
24	4.69	3.35	4.41	3.15	4.06	2.9	3.85	2.75	2.7	4.02	3	3.66	24	
26	4.06	2.9	3.71	2.65	3.36	2.4	3.15	2.25	2.16	3.48	2.4	3.12	26	
28	3.5	2.5	3.15	2.25	2.8	2	2.66	1.9	1.68	3	1.92	2.58	28	
30	3.01	2.15	2.66	1.9	2.38	1.7	2.17	1.55	1.26	2.58	1.56	2.22	30	
32	2.59	1.85	2.31	1.65	1.96	1.4	1.75	1.25	0.96	2.22	1.2	1.86	32	
34	2.24	1.6	1.89	1.35	1.54	1.1	1.4	1	0.6	1.92	0.9	1.56	34	
36										1.62	0.6	1.26	36	
38										1.38		1.02	38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving		7							5					Reeving
Main hook		60t											Main hook	
Telescopic mode	I	1	1	1	1	3	1	2	1	I	Telescopic mode			
	II	1	1	2	3	2	1	3	2	II				
	III	2	3	3	2	2	3	2	3	III				
	IV	3	3	2	2	2	3	2	3	IV				
	V	3	2	2	2	2	3	2	2	V				

(Continued) Table 2-13 Rated capacity chart for travelling with load

Unit: t

10 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)											
Working radius (m)		Boom length (m) Overall gradient							Working radius (m)		
		42	46.7★	46.7	46.7	46.7	51.4★	51.4			51.4
		0-1°	0-1°	0-1°	0-1°	0-1°	0-1°	0-1°			0-1°
2.5										2.5	
3										3	
3.5										3.5	
4										4	
4.5										4.5	
5										5	
5.5										5.5	
6	21.6									6	
6.5	21									6.5	
7	19.8	22.8	15	21						7	
8	18.6	21	13.8	19.2	16.8					8	
9	16.8	18	12.6	18	15.6	15	11.5	13.5		9	
10	15.6	15	12	15.6	14.4	12.5	10.5	12.5		10	
11	13.8	12.6	11.4	13.2	13.2	11	10	11		11	
12	12	11.16	10.8	11.4	12	9.5	9.5	9.9		12	
13	10.44	9.6	10.2	10.08	10.5	8.25	9	8.5		13	
14	9.24	8.4	9.3	8.88	9.3	7.25	8.15	7.5		14	
15	8.22	7.5	8.7	7.8	8.4	6.35	7.25	6.75		15	
16	7.32	6.6	7.8	7.02	7.5	5.65	6.5	6		16	
18	6	5.22	6.48	5.64	6	4.5	5.4	4.9		18	
20	4.92	4.2	5.4	4.62	5.1	3.65	4.5	4		20	
22	4.08	3.36	4.62	3.72	4.2	2.9	3.75	3.3		22	
24	3.36	2.7	3.9	3	3.6	2.35	3.2	2.7		24	
26	2.82	2.16	3.36	2.52	3	1.9	2.7	2.25		26	
28	2.34	1.68	2.88	2.04	2.52	1.5	2.3	1.85		28	
30	1.92	1.26	2.46	1.62	2.1	1.15	1.95	1.5		30	
32	1.56	0.9	2.1	1.26	1.74	0.9	1.65	1.25		32	
34	1.26	0.6	1.8	0.96	1.44	0.6	1.4	0.95		34	
36	1.02		1.5	0.72	1.2		1.15	0.75		36	
38	0.78		1.26		0.9		0.95	0.55		38	
40			1.02		0.72		0.8			40	
42			0.84		0.54		0.6			42	
44										44	
46										46	
48										48	
50										50	
52										52	
54										54	
56										56	
58										58	
Reeving		5	4				3			Reeving	
Main hook		60t								Main hook	
Telescoping mode	I	1	3	1	2	1	3	1	2	I	Telescoping mode
	II	3	3	2	3	3	3	3	3	II	
	III	3	2	3	3	3	3	3	3	III	
	IV	2	2	3	2	3	2	3	3	IV	
	V	2	2	3	2	2	2	3	2	V	

Table 2-14 Rated capacity chart for travelling with load

Unit: t

0 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius (m)		Boom length (m)						Overall gradient						Working radius (m)	
		13.8★			18.5★			18.5			18.5				
		0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	2.5-4°		
2.5													2.5		
3	101.	67.5	67.5	80.5	57.5	57.5	37.8	27	27	70	50	50	3		
3.5	97.5	65	65	77	55	55	35.7	25.5	25.5	66.5	47.5	47.5	3.5		
4	86.2	57.5	57.5	73.5	52.5	52.5	33.6	24	24	62.3	44.5	44.5	4		
4.5	61.5	41	41	58.1	41.5	41.5	32.2	23	23	57.4	41	41	4.5		
5	48.7	32.5	32.5	46.4	33.2	33.2	30.8	22	22	46.9	33.5	33.5	5		
5.5	41.2	27.5	27.5	38.4	27.4	27.4	29.7	21.2	21.2	39.2	28	28	5.5		
6	32.2	21.5	21.5	32.0	22.9	22.9	28.2	20.2	20.2	32.9	23.5	23.5	6		
6.5	27	18	18	27.0	19.3	19.3	27.0	19.3	19.3	28	20	20	6.5		
7	26.2	17.5	17.5	23.2	16.6	16.6	24.8	17.7	17.7	23.8	17	17	7		
8	18.7	12.5	12.5	17.9	12.8	12.8	19.2	13.7	13.7	18.5	13.2	13.2	8		
9	15	10	10	14.2	10.1	10.1	15.6	11.1	11.1	14.7	10.5	10.5	9		
10	12.7	8.5	8.5	11.6	8.3	8.3	12.9	9.25	9.25	12.1	8.65	8.65	10		
11	9.75	6.5	6.5	9.59	6.85	6.85	10.8	7.75	7.75	10.1	7.25	7.25	11		
12				8.05	5.75	5.75	9.24	6.6	6.6	8.54	6.1	6.1	12		
13				6.79	4.85	4.85	7.98	5.7	5.7	7.28	5.2	5.2	13		
14				5.74	4.1	4.1	6.93	4.95	4.95	6.23	4.45	4.45	14		
15				4.9	3.5	3.5	6.02	4.3	4.3	5.32	3.8	3.8	15		
16													16		
18													18		
20													20		
22													22		
24													24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		12			12									Reeving	
Main		110t			110t									Main hook	
mode Telescoping	I	1			1			1			1			I	mode Telescoping
	II	1			2			1			1			II	
	III	1			1			1			2			III	
	IV	1			1			1			1			IV	
	V	1			1			2			1			V	

(Continued) Table 2-14 Rated capacity chart for travelling with load

Unit: t

0 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)														
Working radius (m)	Boom length (m) Overall gradient											Working radius (m)		
	18.5			23.2★		23.2		23.2		23.2				
	0-1°	1-2.5°	2.5-4°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°			
2.5												2.5		
3	66.5	47.5	47.5									3		
3.5	59.5	42.5	42.5	63	45	18.9	13.5	57.4	41	38.5	27.5	3.5		
4	58.1	41.5	41.5	61.6	44	17.5	12.5	56	40	36.4	26	4		
4.5	56	40	40	50.4	36	16.8	12	52.5	37.5	35	25	4.5		
5	45.5	32.5	32.5	43.4	31	16.1	11.5	42.7	30.5	33.6	24	5		
5.5	37.8	27	27	36.4	26	14.7	10.5	35.7	25.5	32.9	23.5	5.5		
6	31.5	22.5	22.5	30.66	21.9	14	10	32.2	23	31.5	22.5	6		
6.5	26.6	19	19	26.6	19	13.3	9.5	28	20	28.7	20.5	6.5		
7	24.5	17.5	17.5	22.4	16	12.6	9	23.8	17	25.2	18	7		
8	18.9	13.5	13.5	17.5	12.5	11.9	8.5	18.55	13.25	19.6	14	8		
9	15.19	10.85	10.85	14	10	11.2	8	15.05	10.75	16.1	11.5	9		
10	12.6	9	9	11.06	7.9	10.15	7.25	12.25	8.75	13.3	9.5	10		
11	10.5	7.5	7.5	9.1	6.5	9.8	7	10.15	7.25	11.2	8	11		
12	8.89	6.35	6.35	7.56	5.4	9.1	6.5	8.54	6.1	9.8	7	12		
13	7.63	5.45	5.45	6.3	4.5	8.4	6	7.35	5.25	8.4	6	13		
14	6.65	4.75	4.75	5.32	3.8	7.7	5.5	6.3	4.5	7.49	5.35	14		
15	5.67	4.05	4.05	4.48	3.2	6.79	4.85	5.39	3.85	6.58	4.7	15		
16				3.78	2.7	6.09	4.35	4.69	3.35	5.81	4.15	16		
18				2.59	1.85	4.83	3.45	3.5	2.5	4.55	3.25	18		
20				1.68	1.2	3.85	2.75	2.52	1.8	3.64	2.6	20		
22												22		
24												24		
26												26		
28												28		
30												30		
32												32		
34												34		
36												36		
38												38		
40												40		
42												42		
44												44		
46												46		
48												48		
50												50		
52												52		
54												54		
56												56		
58												58		
Reeving		12			11							Reeving		
Main hook		110t											Main hook	
Telescoping mode	I	1			2		1		1		1		I	Telescoping mode
	II	1			2		1		2		1		II	
	III	1			1		1		2		1		III	
	IV	2			1		1		1		2		IV	
	V	1			1		3		1		2		V	

(Continued) Table 2-14 Rated capacity chart for travelling with load

Unit: t

0 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)															
Working radius (m)		Boom length (m) Overall gradient										Working radius (m)			
		23.2		27.9★		27.9		27.9		27.9					
		0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°				
2.5													2.5		
3													3		
3.5	51.	37											3.5		
4	48.	34.5	59.5	42.5	19.	14	56	40	39.2	28	21	15	4		
4.5	45.	32.5	49	35	18.	13	53.	38	37.8	27	21	15	4.5		
5	43.	31	39.9	28.5	17.	12.5	44.	31.5	36.4	26	19.6	14	5		
5.5	38.	27.5	32.9	23.5	16.	12	37.	26.5	35	25	18.2	13	5.5		
6	32.	23.5	30.1	21.5	16.	11.5	32.	23	32.9	23.5	17.5	12.5	6		
6.5	28.	20.5	26.6	19	15.	11	28	20	29.4	21	16.1	11.5	6.5		
7	25.	18	23.1	16.5	14.	10.5	24.	17.5	25.69	18.35	15.4	11	7		
8	19.	14	18.2	13	13.	9.5	18.	13.5	20.3	14.5	14	10	8		
9	15.	11	14.28	10.2	12.	9	15.	11	16.45	11.75	13.3	9.5	9		
10	12.	9	11.69	8.35	11.	8.5	12.	9	13.65	9.75	11.9	8.5	10		
11	10.	7.5	9.66	6.9	11.	8	10.	7.5	11.55	8.25	11.2	8	11		
12	9.2	6.6	8.12	5.8	10.	7.5	9.1	6.5	9.94	7.1	10.2	7.3	12		
13	8.0	5.75	6.86	4.9	9.1	6.5	7.8	5.6	8.61	6.15	8.89	6.35	13		
14	6.8	4.9	5.81	4.15	7.9	5.7	6.7	4.85	7.56	5.4	7.7	5.5	14		
15	6.0	4.35	4.9	3.5	7	5	5.9	4.25	6.65	4.75	6.86	4.9	15		
16	5.3	3.8	4.2	3	6.3	4.5	5.2	3.75	5.95	4.25	6.09	4.35	16		
18	4.0	2.9	3.08	2.2	5.1	3.65	3.9	2.85	4.69	3.35	4.9	3.5	18		
20	3.1	2.25	2.1	1.5	4.2	3	3.1	2.25	3.78	2.7	3.99	2.85	20		
22			1.4	1	3.5	2.5	2.3	1.65	3.01	2.15	3.22	2.3	22		
24			0.84	0.6	2.8	2	1.7	1.25	2.45	1.75	2.59	1.85	24		
26													26		
28													28		
30													30		
32													32		
34													34		
36													36		
38													38		
40													40		
42													42		
44													44		
46													46		
48													48		
50													50		
52													52		
54													54		
56													56		
58													58		
Reeving		11		9										Reeving	
Main hook		110t												Main hook	
Telescoping mode	I	1		2		1		1		1		1		I	Telescoping mode
	II	1		2		1		2		1		1		II	
	III	2		2		1		2		2		1		III	
	IV	2		1		2		2		2		3		IV	
	V	1		1		3		1		2		2		V	

(Continued) Table 2-14 Rated capacity chart for travelling with load

Unit: t

0 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)														
Working radius (m)		Boom length (m)										Overall gradient		Working radius (m)
		32.6★		32.6		32.6		32.6		32.6				
		0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5	49	35	18.2	13	40.6	29	25.2	18	22.4	16			4.5	
5	41.3	29.5	17.5	12.5	39.2	28	24.5	17.5	21	15	41.3	29.5	5	
5.5	35	25	16.1	11.5	37.1	26.5	22.4	16	20.3	14.5	35	25	5.5	
6	30.1	21.5	15.4	11	32.2	23	21.7	15.5	18.9	13.5	30.1	21.5	6	
6.5	26.6	19	14.7	10.5	28	20	20.3	14.5	18.2	13	26.6	19	6.5	
7	23.1	16.5	14	10	24.85	17.75	18.9	13.5	17.5	12.5	23.59	16.85	7	
8	18.9	13.5	12.6	9	20.3	14.5	18.2	13	16.1	11.5	18.9	13.5	8	
9	14.7	10.5	11.9	8.5	16.1	11.5	16.8	12	14.7	10.5	15.4	11	9	
10	12.25	8.75	10.5	7.5	13.44	9.6	13.79	9.85	14	10	12.95	9.25	10	
11	10.22	7.3	9.8	7	11.41	8.15	11.69	8.35	11.9	8.5	10.85	7.75	11	
12	8.61	6.15	9.1	6.5	9.8	7	10.01	7.15	10.22	7.3	9.24	6.6	12	
13	7.35	5.25	8.4	6	8.4	6	8.75	6.25	8.96	6.4	7.98	5.7	13	
14	6.3	4.5	8.05	5.75	7.42	5.3	7.7	5.5	7.84	5.6	6.86	4.9	14	
15	5.46	3.9	7.35	5.25	6.51	4.65	6.79	4.85	7	5	6.02	4.3	15	
16	4.69	3.35	6.58	4.7	5.74	4.1	6.02	4.3	6.3	4.5	5.25	3.75	16	
18	3.57	2.55	5.32	3.8	4.55	3.25	4.76	3.4	4.9	3.5	4.06	2.9	18	
20	2.66	1.9	4.34	3.1	3.64	2.6	3.85	2.75	3.99	2.85	3.15	2.25	20	
22	1.96	1.4	3.64	2.6	2.87	2.05	3.15	2.25	3.29	2.35	2.45	1.75	22	
24	1.33	0.95	3.01	2.15	2.24	1.6	2.52	1.8	2.66	1.9	1.82	1.3	24	
26	0.84	0.6	2.52	1.8	1.75	1.25	2.03	1.45	2.1	1.5	1.33	0.95	26	
28			2.1	1.5	1.33	0.95	1.54	1.1	1.75	1.25	0.91	0.65	28	
30			1.68	1.2	0.98	0.7	1.19	0.85	1.4	1			30	
32													32	
34													34	
36													36	
38													38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving		8									7		Reeving	
Main hook		110t									60t		Main hook	
Telescoping mode	I	2	1	1	1	1	1	1	1	2	I	Telescoping mode		
	II	2	1	2	1	1	1	1	2	II				
	III	2	1	2	3	2	2	2	2	III				
	IV	2	3	2	2	3	2	2	2	IV				
	V	1	3	2	2	2	2	2	2	V				

(Continued) Table 2-14 Rated capacity chart for travelling with load

Unit: t

0 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)														
Working radius (m)		Boom length (m)											Working radius (m)	
		37.3		37.3		37.3		37.3		42★	42	42		42
		0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	1-2.5°	0-1°	0-1°	0-1°		0-1°
2.5													2.5	
3													3	
3.5													3.5	
4													4	
4.5													4.5	
5	18.2	13	21	15	25.9	18.5	32.9	23.5					5	
5.5	17.5	12.5	20.3	14.5	24.5	17.5	31.5	22.5					5.5	
6	16.8	12	19.6	14	23.1	16.5	29.4	21	25.2	15	25.2	18	6	
6.5	16.1	11.5	18.2	13	22.4	16	28	20	22.2	14.4	22.2	17.4	6.5	
7	15.4	11	17.5	12.5	21	15	24.5	17.5	19.5	13.8	19.8	16.2	7	
8	14	10	16.1	11.5	18.9	13.5	19.6	14	15.6	12.6	16.08	15	8	
9	12.6	9	14.7	10.5	16.38	11.7	16.1	11.5	12.96	12	13.2	13.8	9	
10	11.9	8.5	14	10	13.58	9.7	13.3	9.5	10.74	10.8	11.1	12	10	
11	11.2	8	11.9	8.5	11.55	8.25	11.2	8	9	10.2	9.3	10.2	11	
12	10.5	7.5	10.29	7.35	9.8	7	9.66	6.9	7.62	9.18	7.92	8.76	12	
13	9.38	6.7	9.03	6.45	8.54	6.1	8.4	6	6.54	8.04	6.78	7.62	13	
14	8.26	5.9	7.91	5.65	7.49	5.35	7.28	5.2	5.64	7.08	5.88	6.6	14	
15	7.35	5.25	7	5	6.65	4.75	6.3	4.5	4.86	6.3	5.16	5.88	15	
16	6.58	4.7	6.23	4.45	5.88	4.2	5.6	4	4.2	5.64	4.5	5.22	16	
18	5.32	3.8	5.04	3.6	4.62	3.3	4.41	3.15	3.18	4.56	3.48	4.2	18	
20	4.34	3.1	4.06	2.9	3.71	2.65	3.5	2.5	2.4	3.72	2.7	3.36	20	
22	3.64	2.6	3.29	2.35	2.94	2.1	2.8	2	1.8	3.12	2.04	2.7	22	
24	3.01	2.15	2.73	1.95	2.31	1.65	2.1	1.5	1.26	2.58	1.56	2.22	24	
26	2.52	1.8	2.24	1.6	1.82	1.3	1.68	1.2	0.84	2.1	1.14	1.74	26	
28	2.1	1.5	1.75	1.25	1.4	1	1.26	0.9		1.74	0.78	1.38	28	
30	1.68	1.2	1.4	1	1.05	0.75	0.91	0.65		1.44		1.08	30	
32	1.4	1	1.05	0.75	0.77	0.55				1.2		0.84	32	
34	1.12	0.8	0.84	0.6						0.96			34	
36													36	
38													38	
40													40	
42													42	
44													44	
46													46	
48													48	
50													50	
52													52	
54													54	
56													56	
58													58	
Reeving		7							5				Reeving	
Main hook		60t											Main hook	
Telescoping mode	I	1	1	1	1	3	1	2	1	I	Telescoping mode			
	II	1	1	2	3	2	1	3	2	II				
	III	2	3	3	2	2	3	2	3	III				
	IV	3	3	2	2	2	3	2	3	IV				
	V	3	2	2	2	2	3	2	2	V				

(Continued) Table 2-14 Rated capacity chart for travelling with load

Unit: t

0 t counterweight, 7 t balance counterweight,crawler carriers fully extended, travel with load over front (lower than 0.2m/s)											
Working radius (m)		Boom length (m) Overall gradient							Working radius (m)		
		42	46.7★	46.7	46.7	46.7	51.4★	51.4			51.4
		0-1°	0-1°	0-1°	0-1°	0-1°	0-1°	0-1°			0-1°
2.5										2.5	
3										3	
3.5										3.5	
4										4	
4.5										4.5	
5										5	
5.5										5.5	
6		21.6								6	
6.5		20.4								6.5	
7		19.2	19.2	15	19.8					7	
8		16.68	15.48	13.8	16.2	16.2	12.85	11.5	13	8	
9		13.8	12.6	12.6	13.2	13.8	10.7	11	11	9	
10		11.58	10.8	12	11.28	12	9	10	9.5	10	
11		9.78	9	10.5	9.48	10.08	7.7	8.5	8.1	11	
12		8.4	7.68	9	8.1	8.7	6.5	7.5	7	12	
13		7.26	6.54	7.8	6.96	7.5	5.6	6.5	6	13	
14		6.36	5.64	6.96	6	6.6	4.85	5.75	5.25	14	
15		5.58	4.86	6.18	5.28	5.82	4.2	5	4.6	15	
16		4.92	4.2	5.52	4.62	5.16	3.65	4.5	4	16	
18		3.9	3.24	4.44	3.6	4.08	2.8	3.6	3.15	18	
20		3.12	2.4	3.6	2.82	3.24	2.15	2.95	2.5	20	
22		2.4	1.8	3	2.16	2.64	1.6	2.4	2	22	
24		1.92	1.26	2.4	1.62	2.1	1.15	1.95	1.5	24	
26		1.5	0.84	1.98	1.2	1.68	0.8	1.6	1.15	26	
28		1.14		1.62	0.84	1.32		1.25	0.85	28	
30		0.84		1.32		1.02		1	0.6	30	
32										32	
34										34	
36										36	
38										38	
40										40	
42										42	
44										44	
46										46	
48										48	
50										50	
52										52	
54										54	
56										56	
58										58	
Reeving		5	4				3			Reeving	
Main hook		60t								Main hook	
Telescoping mode	I	1	3	1	2	1	3	1	2	I	Telescoping mode
	II	3	3	2	3	3	3	3	3	II	
	III	3	2	3	3	3	3	3	3	III	
	IV	2	2	3	2	3	2	3	3	IV	
	V	2	2	3	2	2	2	3	2	V	