


ZOOMLION

ZOOMLION ZAT3000V753.3 ALL TERRAIN CRANE

TECHNICAL SPECIFICATIONS

GQ06533227001010EN

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Zoomlion Heavy Industry Science & Technology Co.,Ltd.

ZOOMLION ZAT3000V753.3 ALL TERRAIN CRANE

TECHNICAL SPECIFICATIONS

ZAT3000V753.3/27Y

Specifications, complete vehicle

Product model

Model in auto industry: ----

Model in engineering industry: ZAT3000V

Code: ZAT3000V753.3

Product appearance

Main boom: 80m Jib: 37.5m Counterweight: 97t

Technical data

Table 1 Technical data

Item		Value	Remarks
Work performance	Max. rated lifting capacity t	300	
	Max. load moment of basic boom t.m	800	
	Max. load moment of main boom (fully extended) t.m	350	
	Max. lifting height of basic boom m	15	
	Max. lifting height of main boom m	80	
	Max. lifting height of jib m	110	
Work speeds	Max. hoist rope speed (Main winch) m/min	120	
	Boom derricking up time s	70	
	Boom extending time s	650	
	Slewing speed r/min	0-1.5	
Driving	Max. operation altitude m	2000	
	Max. driving speed km/h	60	
	Max. gradeability %	50	
	Min. turning diameter m	≤22.8	
	Min. ground clearance mm	274	
	Limits for exhaust pollutants and smoke	Europe V	
	Front overhang angle °	17.5	
	Rear overhang angle °	14	
Mass	Deadweight in driving condition kg	82500	
	Complete vehicle kerb mass kg	71805	
	Single axle load kg	13750	
Dimensions	Overall dimensions (L×W×H) mm	17500×3100×4200	
	Outrigger spread (W) m	8.3	
	Outrigger spread (L) m	8.9	
	Slewing radius of counterweight tail mm	5460	
	Main boom length mm	14.9-80	
	Boom angle °	-0.5-82	
	Jib length m	20, 28	Optional: 37.5
Others	Superlift device	Y-shaped single piece superlift	Optional
	Telescoping mode of main boom	Single cylinder telescoping system with	

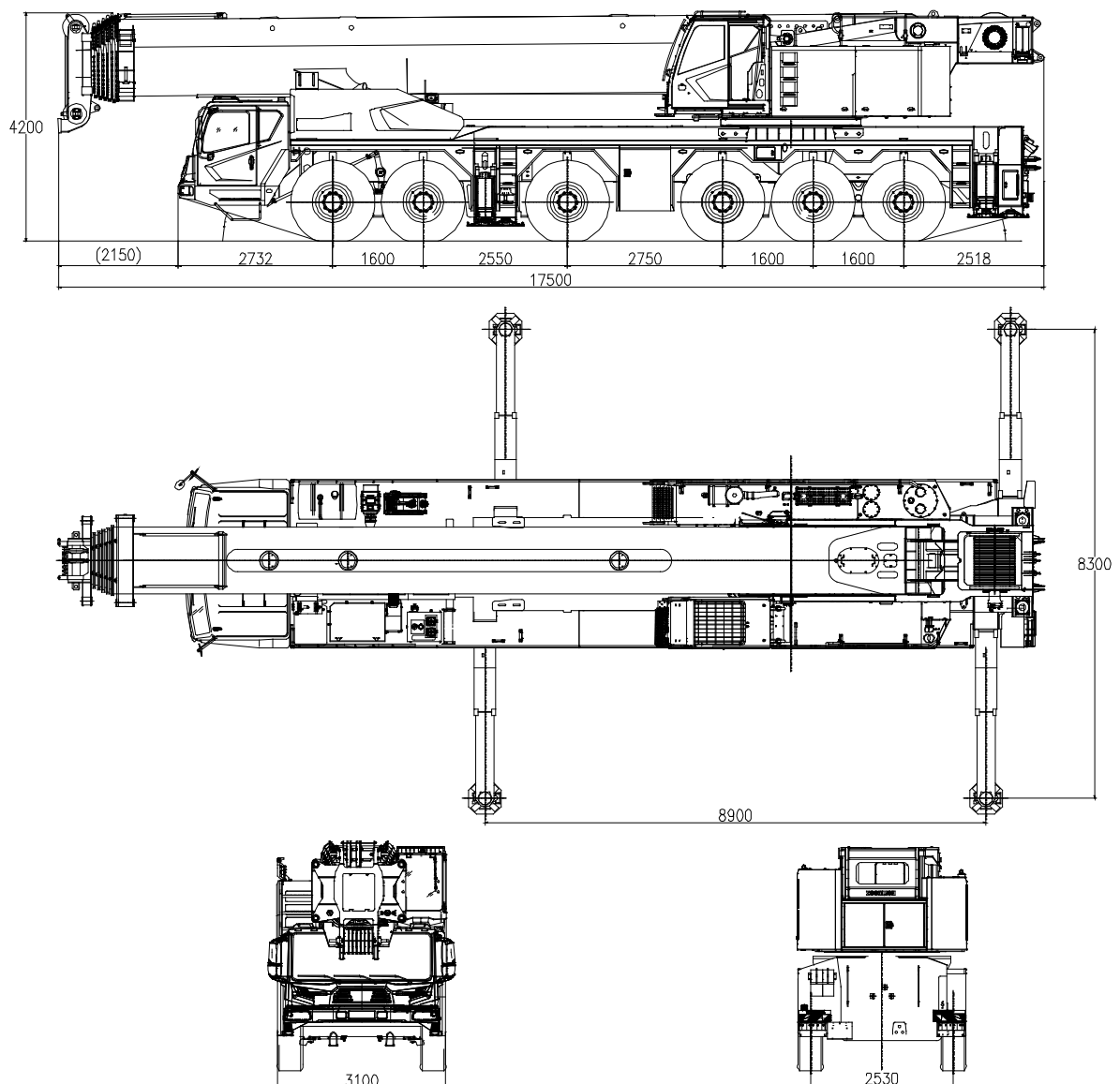
		hydraulic interlocking device, top pins	
	Derricking mode	Single cylinder	

Table of options

Table 2 Options

No.	Description	Remarks
1	Superlift device	Including the superlift assy. etc.
2	Extension and its installation	Including 1 piece of extension and 2 adaptors
3	Superlift jib optional package	Including A-frame heavy-duty jib + tip boom
4	Hook	Stand configuration: 100t, 40t Optional: 220t, 130t, 80t, 25t, 12t
5	Auxiliary counterweight	7t

Dimensions (unit: mm)

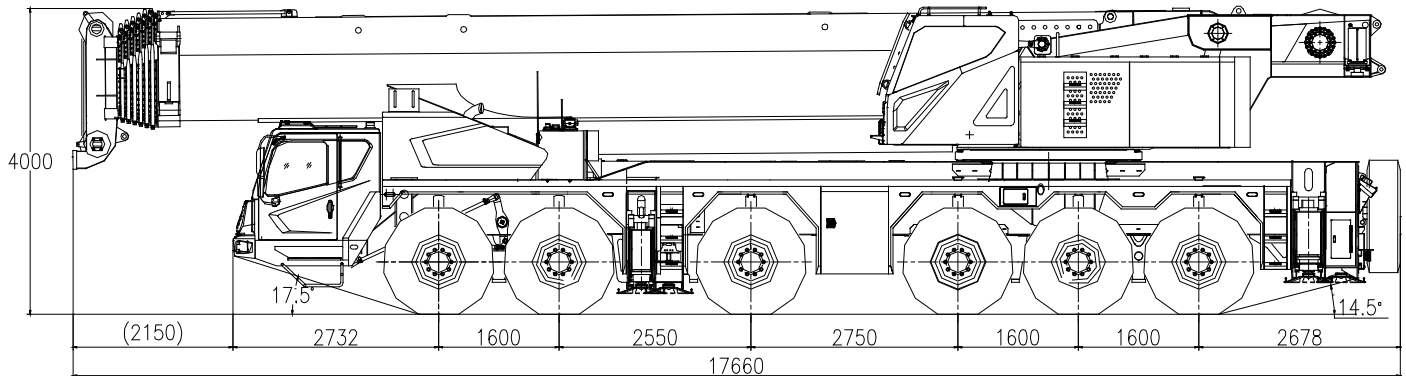


Dimensions in travelling order (unit: mm)

① Off-road transit mode (7 boom sections basic configuration):

These components such as the superlift, the counterweight, the hook, the jib and its installation, the rooster sheave, the auxiliary winch and the wire rope are removed from the crane.

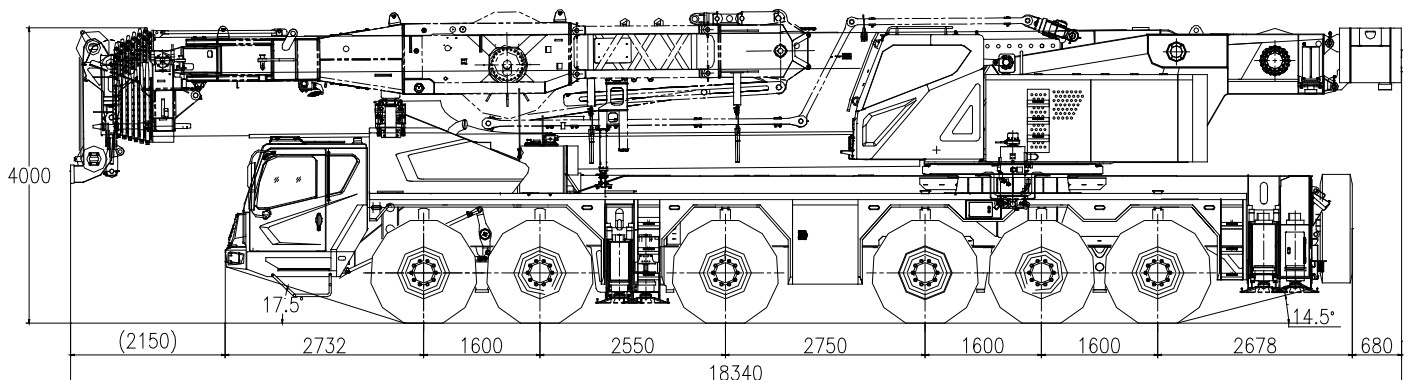
For short distance travelling, the vehicle speed is below 60 km/h and max. permissible gradeability is 47%.



② Off-road transit mode (7 boom sections with superlift):

These components such as the superlift, 7t auxiliary counterweight are with the crane. And these components such as the hook, the jib and its installation, the rooster sheave, the auxiliary winch and wire rope are removed from the crane.

For short distance off-road transit, the vehicle speed is below 20 km/h and max. permissible gradeability is 36%.



Weight distribution in travelling order (unit: t)

Table 3 Weight distribution in travelling order

	1	2	3	4	5	6	Total weight (t)
:	12	12	12	12	12	12	72
'	12.5	12.5	12.5	12.5	14.4	14.4	78.8
,	18.2	18.2	18.2	18.2	15.7	15.7	104.2

Hook (transported individually)

Table 4 Hook

Specification	Weight (t)	Transport dimensions (mm)	Fall	Single/double hook	Standard/optional configuration
220t	3.41	2500×1180×760	22	Double	Optional
130t	2.1	1980×800×850	15	Double	Optional
100t	1.9	1805×760×800	11	Double	Standard
80t	2.1	1820×760×660	7	Double	Optional
40t	1.4	1750×750×500	3	Single	Standard
25t	0.9	1728×750×408	3	Single	Optional
12t	0.7	1020×φ480	1	Auxiliary hook	Optional

Wire rope

Table 5 Wire rope

	Diameter (mm)	Length (m)	Max. pulling force for single rope (t)
Main hoist rope	φ24	425	13
Superlift wire rope	φ34	195	36

Counterweight (transported individually)

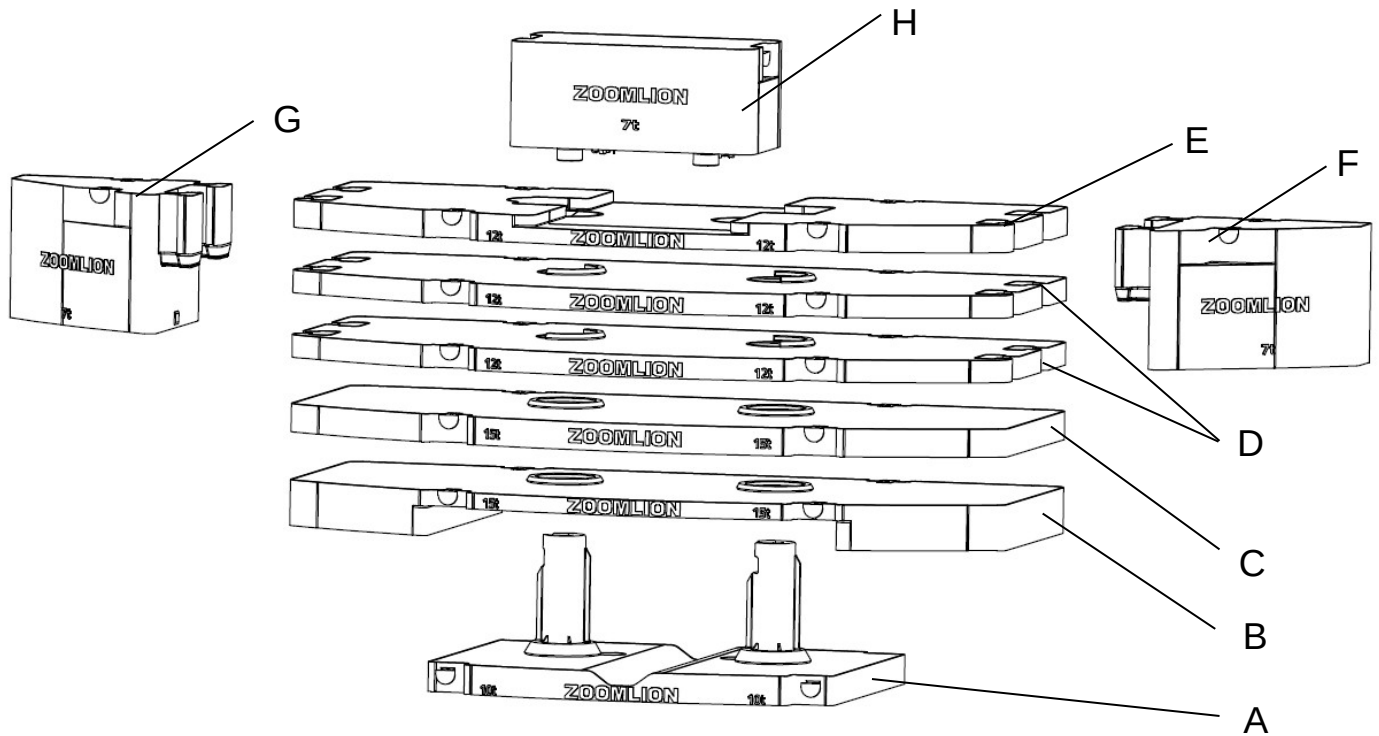


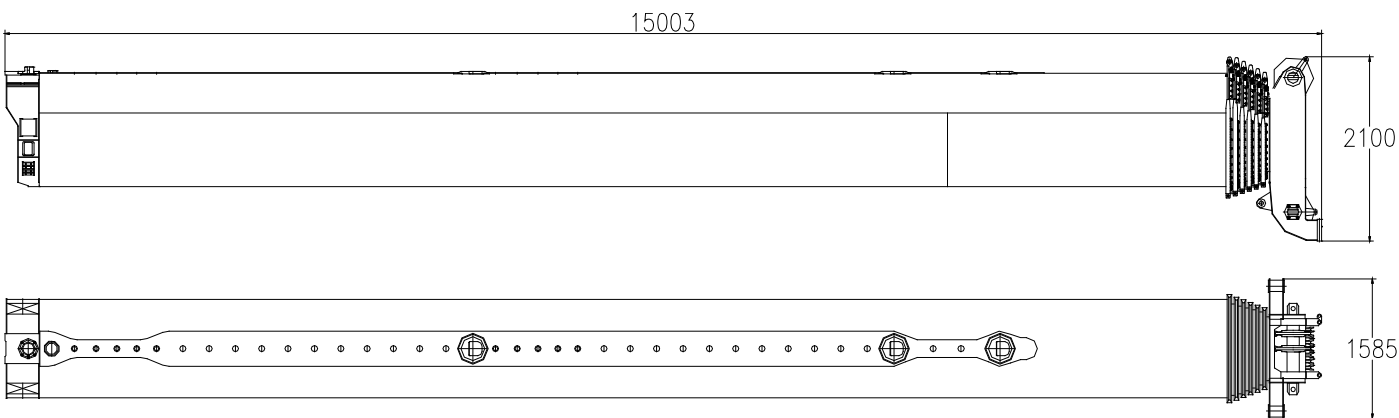
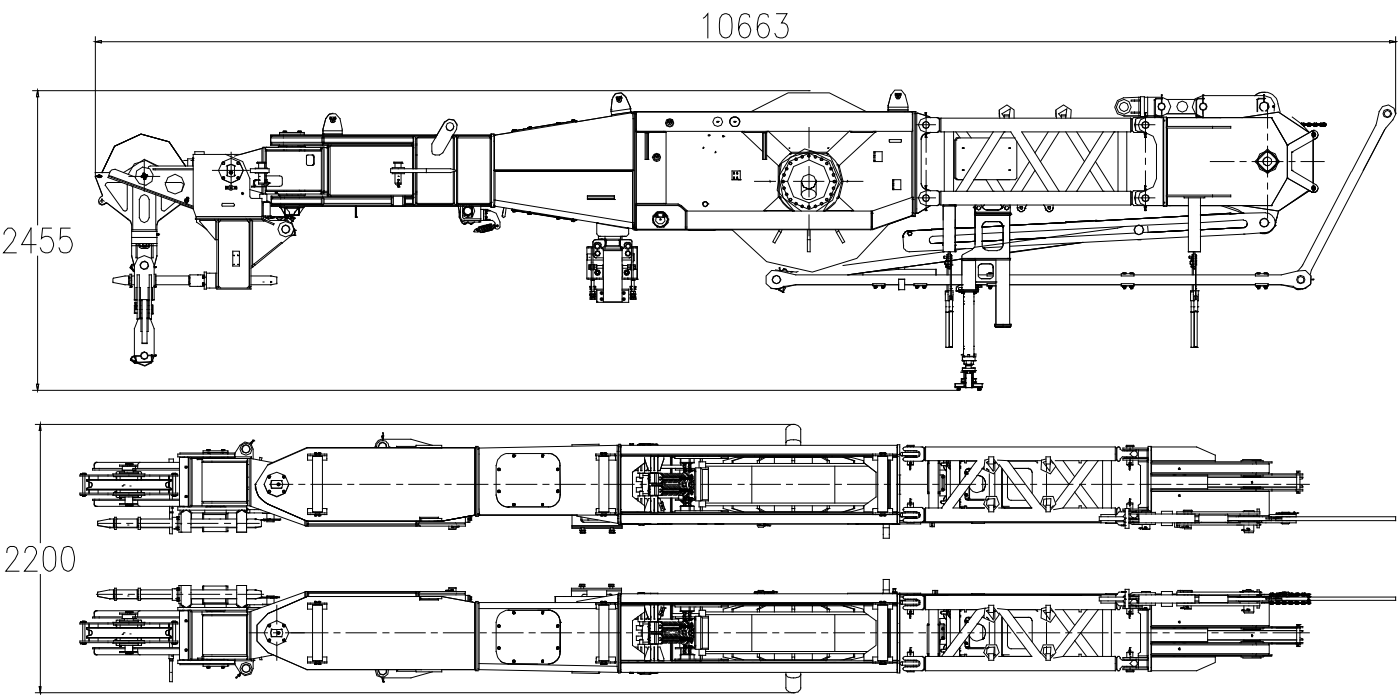
Table 6 Counterweight

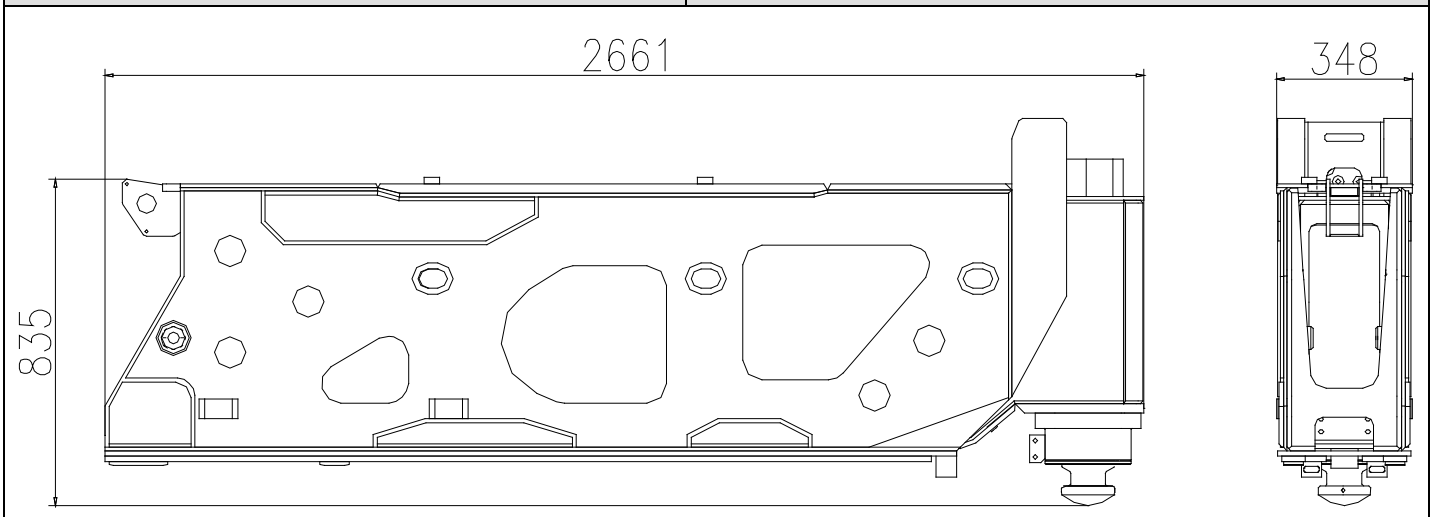
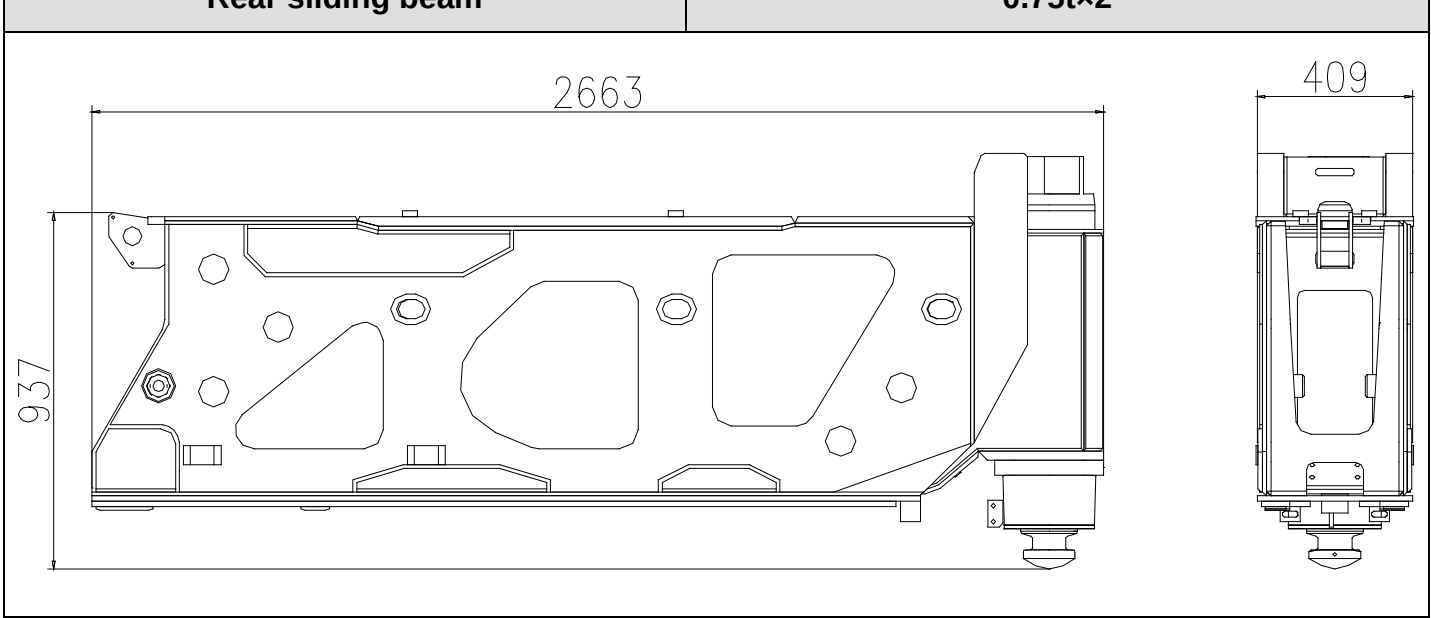
	Description	Mass (t)	Transport dimensions (mm)	Quantity (piece)	Standard/optional configuration
A	Lower counterweight	10	2.98×2.35×1.06	1	Standard
B	Intermediate counterweight	15	5.26×2.35×0.37	1	Standard
C	Intermediate counterweight	15	5.26×2.35×0.24	1	Standard
D	Intermediate counterweight	12	5.26×2.35×0.2	2	Standard
E	Upper counterweight	12	5.26×2.35×0.2	1	Standard
F	Side counterweight, R	7	1.57×1.27×0.99	1	Standard
G	Side counterweight, L	7	1.57×1.27×0.99	1	Standard
H	Auxiliary counterweight	7	1.8×0.85×0.75	1	Optional

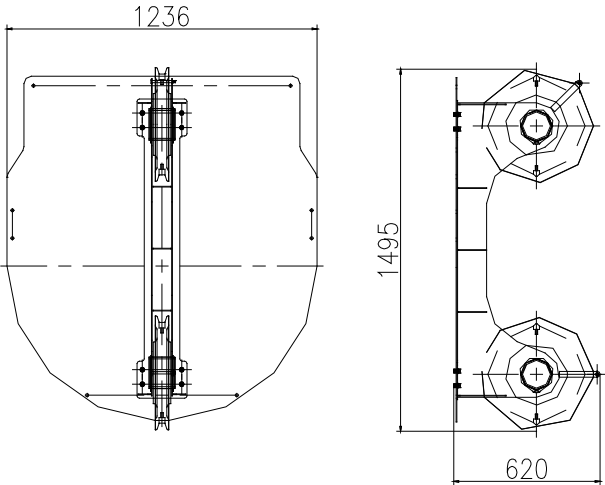
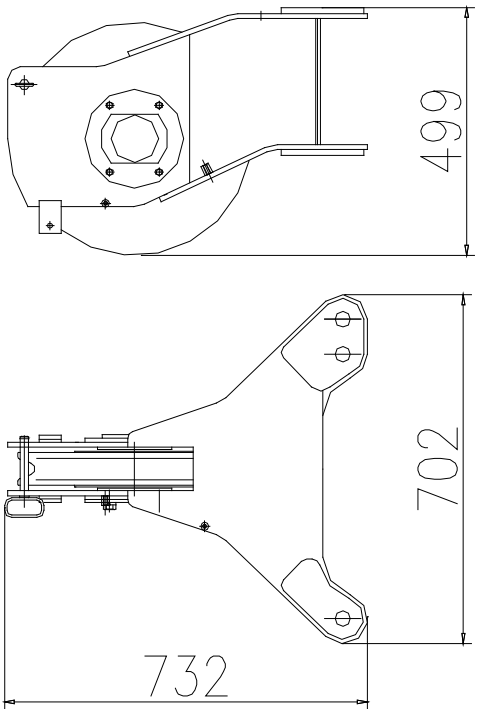
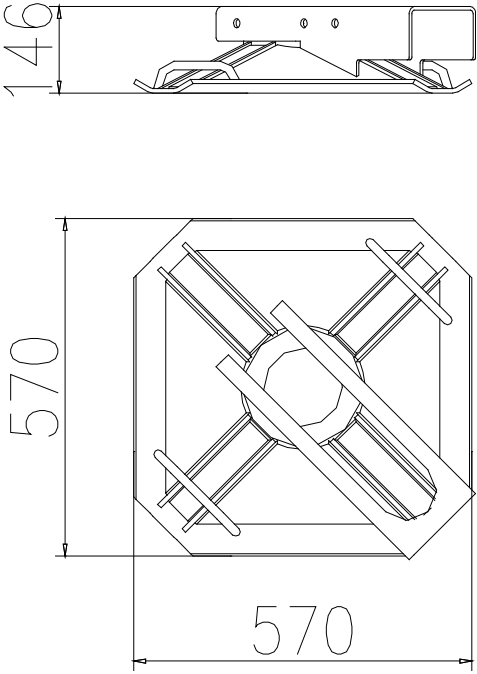
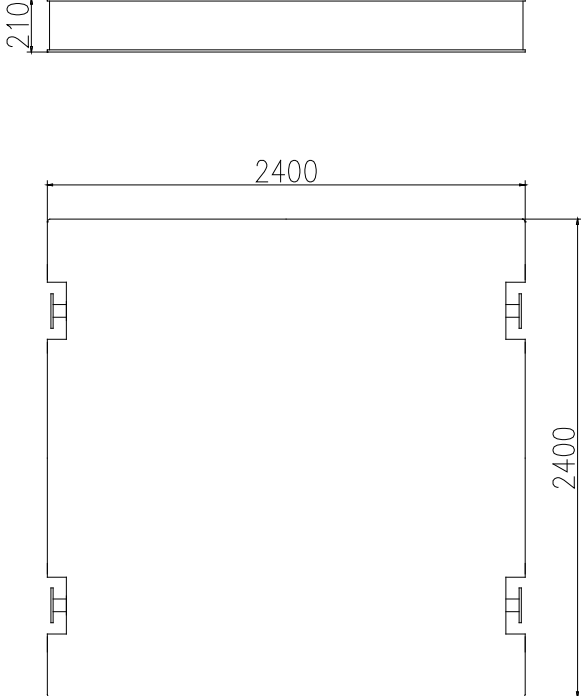
Table 7 Counterweight combinations (Unit: piece)

Combinations	A	B	C	D	E	F	G	H
0t	0	0	0	0	0	0	0	0
10t	1	0	0	0	0	0	0	0
25t	1	1	0	0	0	0	0	0
40t	1	1	1	0	0	0	0	0
52t	1	1	1	1	0	0	0	0
64t	1	1	1	2	0	0	0	0
76t	1	1	1	2	1	0	0	0
90t	1	1	1	2	1	1	1	0
97t	1	1	1	2	1	1	1	1

Main dismantle transport components

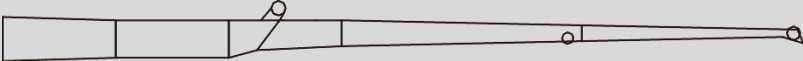
Boom sections 86, 87, 88, 89, 90, 95	18.8t×1
	
Superlift assy.	16.5t×1
	

Front sliding beam		0.65t×2	
			
Rear sliding beam		0.75t×2	
			

Counterweight arm assy. (used for 55t bulletin)	0.067t×1	Rooster sheave	0.092t×4
			
Outrigger pad	0.047t×1	Big outrigger pad σ	1.72t×4
			

Boom combinations

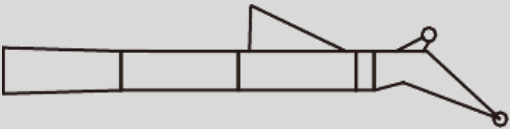
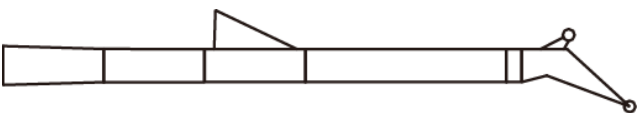
Light-duty jib

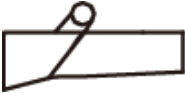
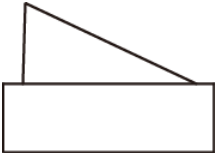
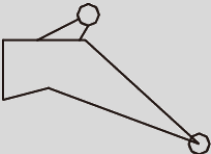
20m	
28m	
37.5m	

Light-duty jib, superlift

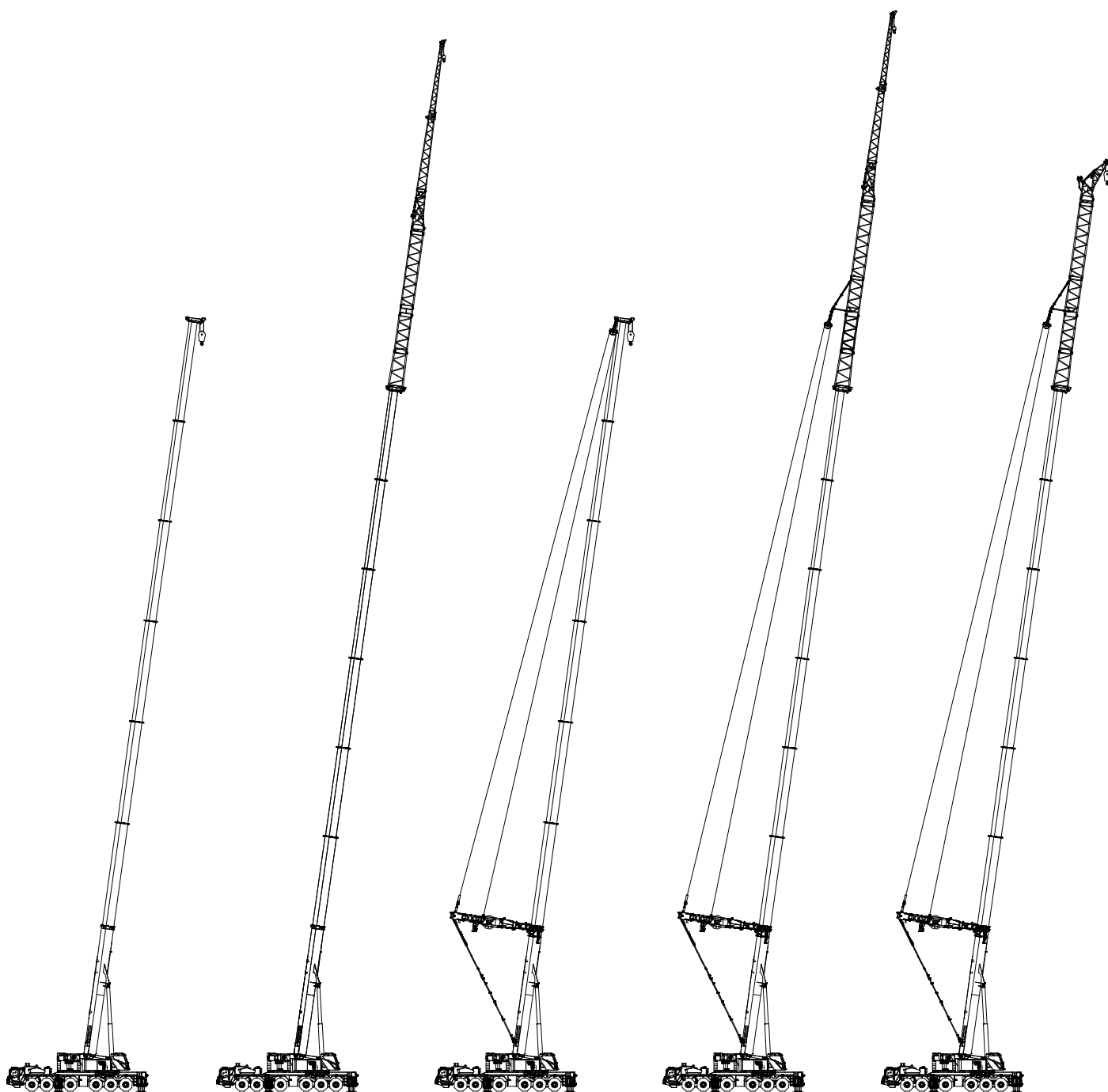
24.5m	
32.5m	
40.5m	

Heavy-duty jib, superlift

13m	
17m	
25m	

Components	Structure type	Dimensions (L*W*H) mm	Weight kg
4m transition section		4000×920×1530	550
Heavy-duty jib, 1 st section		4000×920×1300	550
Adaptor		4000×920×1300	800
Jib section I		8000×600×900	540
Jib section II		7500×400×550	450
8m heavy-duty jib		8000×920×1300	1000
Transition bracket		900×920×1300	200
Transition section		600×920×1300	150
Extension, A-frame		4000×920×1300	1050
Tip boom		4300×920×2260	750

OM combinations



Main boom

**Main boom +
Jib**

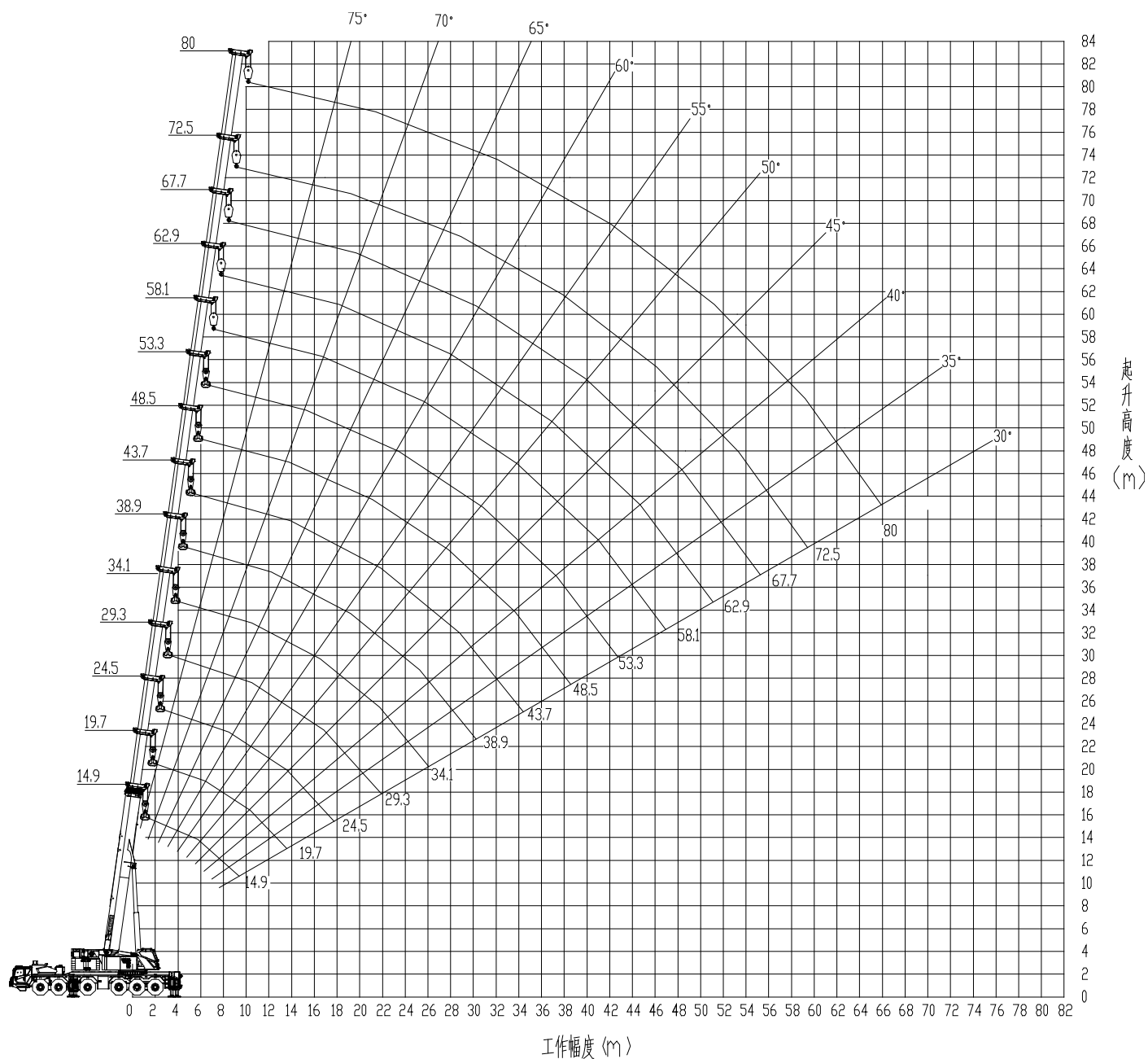
**Main boom
+ Superlift
(optional)**

**Main boom+
Superlift +
Light-duty jib
(optional)**

**Main boom+
Superlift +
Heavy-duty jib
(optional)**

Lifting capacity tables / Lifting height charts

Main boom OM: 14.9m ÷ 80m



起升高度(m): Lifting height (m)

工作幅度(m): Working radius (m)

Table 8-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
2.5	300												2.5	
3.0		65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	118.5	48	74	100	111	115	30.5	44	62	85	99	111.5	6.0	
7.0	105.5	43	64	86	99	102.5	28	41	56	77	90	99.5	7.0	
8.0	100	39.5	56	76	87	92.5	26	38	52	71	82	89.5	8.0	
9.0	84.5	36	50	68	82	84	23	33	45	62	72	81	9.0	
10.0	74.5	35	46	62	75	76	22	31	42	58	68	74.5	10.0	
12.0		32.5	41	55	62	62	21.5	30	40	55	63	63	12.0	
14.0		31	37	50	51	50.5	20	28	38	53	54	53	14.0	
16.0							19	26	35	46	45	43	16.0	
18.0							17	23	31	38	37	35	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	2	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 8-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	108	26	30	35	53.5	83	102	6.0		
7.0	24	24.5	44	62	78	97	23	26.5	31.5	50	75	92	7.0		
8.0	22	22	41	56	72	88	21.5	24.5	29	48.5	70	86	8.0		
9.0	20	20	37	50	65	80	19.5	22.5	26.5	46	64	79	9.0		
10.0	19	19	35	47	60	73	18	20.5	24.5	43	59	73	10.0		
12.0	18	18	34	46	58	62	16	18	21	37	50	62	12.0		
14.0	17	17	32.5	44	53	53	15	17	20	36	48	53	14.0		
16.0	16	16	30	41	46	44.5	14	16	19	34.5	45	45	16.0		
18.0	15	15	29	39	40.5	39	13	15	17.5	33	42	40	18.0		
20.0	14	14	26.5	36	35	33	12	14	16.5	31	36	34	20.0		
22.0	13	13	24	31	29.5	27.5	11	13	15	29	32	30	22.0		
24.0							10	11.5	13.5	26	27	25.5	24.0		
26.0							9	10	11.5	23	22.5	21	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 8-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	86	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	83	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	76	25.5	30.5	35.5	41	43	62	9.0		
10.0	20	23.5	28	33	51	70	24	28.5	33	38	40	60	10.0		
12.0	17	20	23.5	27.5	44	60	21	24.5	29	33.5	35	56	12.0		
14.0	15	17.5	21	24.5	40	53	19	22.5	26	30	31	51	14.0		
16.0	14	16.5	19.5	22.5	37.5	45	16.5	19.5	22.5	26	27	46	16.0		
18.0	13	15.5	18.5	21.5	36.5	40	14.5	17	20	23	24	42	18.0		
20.0	12	14.5	17	20	35	35	13.5	16	18.5	21.5	22	36	20.0		
22.0	11.5	13.5	16	19	33	31	12.5	15	17.5	20	20.5	32	22.0		
24.0	10.5	12.5	15	17.5	29	27	11.5	13.5	15.5	18	18.5	28	24.0		
26.0	9.5	11	13.5	16	26	24	10.5	12.5	14.5	17	17.5	25	26.0		
28.0	9	10.5	12.5	14.5	22.5	20.5	9.5	11	13	15.5	16	22	28.0		
30.0	8	9.5	11.5	13.5	20	18	9	10.5	12	14	14.5	19.5	30.0		
32.0	7	8	10	11.5	16.5	15	8	9.5	11	13	13.5	17.5	32.0		
34.0							7.5	8.5	10	12	12	15.5	34.0		
36.0							7	8	9	10.5	11	13	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
r	3	2	2	2	2	1	3	2	2	2	2	2	2	r	

Table 8-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	50		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	38	43.5		25	30.5	32.5	37	42	12.0		
14.0	20.5	24	28	29	34	38.5		23	28	29.5	34	39	14.0		
16.0	18	21	24.5	25	30	33.5		21	25	26.5	30.5	35.5	16.0		
18.0	16.5	19	22	22.5	27	30.5		19.5	23	24	28	32	18.0		
20.0	15	17	19.5	20	24.5	27.6		17.5	20.5	21	25	29	20.0		
22.0	13.5	15.5	18	18.5	22.5	25.2		16	19	19.5	23	26.5	22.0		
24.0	13	15	17.5	18	22	24.3		14.5	17	17.5	21	24	24.0		
26.0	12	13.5	15.5	16	20	22.4		13.5	16	16	19.5	22	26.0		
28.0	11	12.5	14.5	14.5	18.5	20.7		12.5	15	15	18	20.5	28.0		
30.0	10	11.5	13.5	13.5	17	19		11.5	13.5	13.5	16.5	18.8	30.0		
32.0	9.5	10.5	12.5	12.5	16	17.1		10.5	12.5	12.5	15.5	17.2	32.0		
34.0	8.5	9.5	11	11	14.5	15.3		9.7	11.5	11.5	14.5	16	34.0		
36.0	8	9	10.5	10.5	13.5	13.6		8.5	10	10	12.5	14	36.0		
38.0	7.5	8	9.5	9.5	12.5	12		8	9.5	9.5	12	13	38.0		
40.0	7	7.5	8.5	8.5	11	10		7.5	9	9	11	11.5	40.0		
42.0								6.5	8	8	10	10	42.0		
44.0								6	7	7	8.5	8	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
r	3	2	2	2	2	2		3	2	2	2	2	r		

Table 8-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	35									12.0		
14.0	23	26	29	32	23.5	27.5	30		21.5	24			14.0		
16.0	21	23.5	26.5	30	21.5	25	27.5		20	22.5	19		16.0		
18.0	19.5	21.5	24.5	27.5	19.5	22.5	25		20	22	18.5		18.0		
20.0	17.5	19	22	25	18	20.5	22.5		19.5	21.5	17.5	11.5	20.0		
22.0	17	18.5	21	24	17	19	21		16.5	18.5	17	11.1	22.0		
24.0	15.5	17	19.5	22	15.5	17.5	19.5		15.5	17.5	16	10.9	24.0		
26.0	14.5	15.5	18	20	14.5	16.5	18.5		15	16.5	15	10.7	26.0		
28.0	13	14	16	18.5	13.5	15.5	17		14	15.5	14	10.5	28.0		
30.0	12.5	13	15	17	12.5	14.5	16		13.5	14.5	13.5	10.3	30.0		
32.0	11.5	12	14	15.8	11.5	13.5	15		12.5	13.5	13	10	32.0		
34.0	10.5	11	13	14.8	10.5	12.5	14		12	13	12	9.5	34.0		
36.0	9.5	10	12	13.7	10	11.5	13		11.7	12.5	11.5	9	36.0		
38.0	9	9.5	11	12.5	9.5	11	12		10.9	11.5	11	8.5	38.0		
40.0	8.5	8.5	10.5	11.5	8.5	10	11		10.3	10.7	10.5	8.3	40.0		
42.0	8	8	9.5	10.5	8	9.5	10		9.5	10	10	8	42.0		
44.0	7.5	7.5	9	9.5	7.5	9	9.4		9	9.3	9	7.8	44.0		
46.0	6.5	6.5	8	8	7	8.4	8.7		8	8.2	8.5	7.5	46.0		
48.0	5.5	5.5	6.5	6.5	6.5	7.8	8		7.5	7.8	8	7.2	48.0		
50.0					5.5	6.5	6.8		7	7.2	7.5	7	50.0		
52.0					5	5.5	5.5		6.5	6.6	6.8	6.5	52.0		
54.0									6	6.1	6	6.2	54.0		
56.0									5	5	5.7	5.8	56.0		
58.0											5.2	5.3	58.0		
60.0											4.8	4.9	60.0		
62.0												4.5	62.0		
64.0												4	64.0		
66.0												3.7	66.0		
68.0												3.5	68.0		
70.0												3.2	70.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t									25t				Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	┘	2	3	3	3	3	3	3		3	3	3	4	┘	
	┘	3	3	3	3	3	3	3		3	3	3	4	┘	
	┘	3	3	3	2	3	3	3		3	3	3	4	┘	
	┘	3	3	2	2	3	3	2		3	3	3	4	┘	
	┘	3	2	2	2	3	2	2		3	2	3	4	┘	

Table 9-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ~	19.7	19.7	19.7	19.7	19.7 ~	24.5	24.5	24.5	24.5	24.5	24.5 ~		
3.0	260	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	118.5	48	74	100	111	115	30.5	44	62	85	99	111.5	6.0	
7.0	105.5	43	64	86	99	102.5	28	41	56	77	90	99.5	7.0	
8.0	100	39.5	56	76	87	92.5	26	38	52	71	82	89.5	8.0	
9.0	82	36	50	68	82	82	23	33	45	62	72	80	9.0	
10.0	70.5	35	46	62	72.5	72	22	31	42	58	68	71.5	10.0	
12.0		32.5	41	55	58.5	58	21.5	30	40	55	60	59.5	12.0	
14.0		31	37	50	48	48	20	28	38	53	51	50	14.0	
16.0							19	26	35	45	44	42	16.0	
18.0							17	23	31	37	36	34	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 9-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	108	26	30	35	53.5	83	102	6.0		
7.0	24	24.5	44	62	78	97	23	26.5	31.5	50	75	92	7.0		
8.0	22	22	41	56	72	88	21.5	24.5	29	48.5	70	86	8.0		
9.0	20	20	37	50	65	80	19.5	22.5	26.5	46	64	79	9.0		
10.0	19	19	35	47	60	72	18	20.5	24.5	43	59	73	10.0		
12.0	18	18	34	46	58	60	16	18	21	37	50	60	12.0		
14.0	17	17	32.5	44	51	51	15	17	20	36	48	51	14.0		
16.0	16	16	30	41	44	43	14	16	19	34.5	45	43	16.0		
18.0	15	15	29	39	38.5	37	13	15	17.5	33	40	38	18.0		
20.0	14	14	26.5	34	33	31	12	14	16.5	31	34	32	20.0		
22.0	13	13	24	30	28	26	11	13	15	29	30	28.5	22.0		
24.0							10	11.5	13.5	26	25.5	24	24.0		
26.0							9	10	11.5	22.5	21	20	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 9-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	86	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	83	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	76	25.5	30.5	35.5	41	43	62	9.0		
10.0	20	23.5	28	33	51	70	24	28.5	33	38	40	60	10.0		
12.0	17	20	23.5	27.5	44	60	21	24.5	29	33.5	35	56	12.0		
14.0	15	17.5	21	24.5	40	51	19	22.5	26	30	31	51	14.0		
16.0	14	16.5	19.5	22.5	37.5	43	16.5	19.5	22.5	26	27	46	16.0		
18.0	13	15.5	18.5	21.5	36.5	38	14.5	17	20	23	24	40	18.0		
20.0	12	14.5	17	20	35	33	13.5	16	18.5	21.5	22	34	20.0		
22.0	11.5	13.5	16	19	31	29	12.5	15	17.5	20	20.5	30	22.0		
24.0	10.5	12.5	15	17.5	27	25	11.5	13.5	15.5	18	18.5	26.5	24.0		
26.0	9.5	11	13.5	16	24	22.5	10.5	12.5	14.5	17	17.5	23.5	26.0		
28.0	9	10.5	12.5	14.5	21	19	9.5	11	13	15.5	16	20.5	28.0		
30.0	8	9.5	11.5	13.5	18.5	16.5	9	10.5	12	14	14.5	18.2	30.0		
32.0	7	8	10	11.5	15.5	14	8	9.5	11	13	13.5	16.3	32.0		
34.0							7.5	8.5	10	12	12	14.5	34.0		
36.0							7	8	9	10.5	11	12	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 9-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	50		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	38	43.5		25	30.5	32.5	37	42	12.0		
14.0	20.5	24	28	29	34	38.5		23	28	29.5	34	39	14.0		
16.0	18	21	24.5	25	30	33.5		21	25	26.5	30.5	35.5	16.0		
18.0	16.5	19	22	22.5	27	30.5		19.5	23	24	28	32	18.0		
20.0	15	17	19.5	20	24.5	27.6		17.5	20.5	21	25	29	20.0		
22.0	13.5	15.5	18	18.5	22.5	25.2		16	19	19.5	23	26.5	22.0		
24.0	13	15	17.5	18	22	24.3		14.5	17	17.5	21	24	24.0		
26.0	12	13.5	15.5	16	20	22.4		13.5	16	16	19.5	22	26.0		
28.0	11	12.5	14.5	14.5	18.5	20.5		12.5	15	15	18	20.5	28.0		
30.0	10	11.5	13.5	13.5	17	18		11.5	13.5	13.5	16.5	18.8	30.0		
32.0	9.5	10.5	12.5	12.5	16	16		10.5	12.5	12.5	15	17.2	32.0		
34.0	8.5	9.5	11	11	14.5	14.2		9.7	11.5	11.5	14	15	34.0		
36.0	8	9	10.5	10.5	13	12.5		8.5	10	10	12.5	13	36.0		
38.0	7.5	8	9.5	9.5	11.5	11		8	9.5	9.5	12	11.8	38.0		
40.0	7	7.5	8.5	8.5	10	9.2		7.5	9	9	11	10.5	40.0		
42.0								6.5	8	8	9.5	9	42.0		
44.0								6	7	7	8	7.5	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 9-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	35									12.0		
14.0	23	26	29	32	23.5	27.5	30		21.5	24			14.0		
16.0	21	23.5	26.5	30	21.5	25	27.5		20	22.5	19		16.0		
18.0	19.5	21.5	24.5	27.5	19.5	22.5	25		20	22	18.5		18.0		
20.0	17.5	19	22	25	18	20.5	22.5		19.5	21.5	17.5	11.5	20.0		
22.0	17	18.5	21	24	17	19	21		16.5	18.5	17	11.1	22.0		
24.0	15.5	17	19.5	22	15.5	17.5	19.5		15.5	17.5	16	10.9	24.0		
26.0	14.5	15.5	18	20	14.5	16.5	18.5		15	16.5	15	10.7	26.0		
28.0	13	14	16	18.5	13.5	15.5	17		14	15.5	14	10.5	28.0		
30.0	12.5	13	15	17	12.5	14.5	16		13.5	14.5	13.5	10.3	30.0		
32.0	11.5	12	14	15.8	11.5	13.5	15		12.5	13.5	13	10	32.0		
34.0	10.5	11	13	14.8	10.5	12.5	14		12	13	12	9.5	34.0		
36.0	9.5	10	12	13.7	10	11.5	13		11.7	12.5	11.5	9	36.0		
38.0	9	9.5	11	12.5	9.5	11	12		10.9	11.5	11	8.5	38.0		
40.0	8.5	8.5	10.5	10.8	8.5	10	11		10.3	10.7	10.5	8.3	40.0		
42.0	8	8	9.5	9.5	8	9.5	10		9.5	10	10	8	42.0		
44.0	7.5	7.5	9	8.7	7.5	9	9.4		9	9.3	9	7.8	44.0		
46.0	6.5	6.5	8	7.5	7	8.4	8		8	8.2	8.5	7.5	46.0		
48.0	5.5	5.5	6.3	6	6.5	7.8	7.5		7.5	7.8	8	7.2	48.0		
50.0					5.5	6.5	6.3		7	7.2	7.5	7	50.0		
52.0					5	5.5	5		6.5	6.5	6.8	6.5	52.0		
54.0									6	5.8	6	6.2	54.0		
56.0									5	4.5	5.7	5.8	56.0		
58.0											5	5.3	58.0		
60.0											4.5	4.9	60.0		
62.0												4.5	62.0		
64.0												4	64.0		
66.0												3.5	66.0		
68.0												3.2	68.0		
70.0												2.8	70.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t									25t				Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 10-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	260	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	118.5	48	74	100	111	115	30.5	44	62	85	99	111.5	6.0	
7.0	105.5	43	64	86	99	102.5	28	41	56	77	90	99.5	7.0	
8.0	92	39.5	56	76	87	88	26	38	52	71	82	89.5	8.0	
9.0	78	36	50	68	77	77	23	33	45	62	72	78	9.0	
10.0	66	35	46	62	69	69	22	31	42	58	64	70	10.0	
12.0		32.5	41	55	57	57	21.5	30	40	48	53	58	12.0	
14.0		31	37	47	46	46	20	28	38	41	45	48	14.0	
16.0							19	26	35	35.5	39	40	16.0	
18.0							17	23	31	31	33	33	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t					130t						Hook		
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	1	
	r	1	2	1	1	1	3	2	1	1	1	1	r	

Table 10-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	108	26	30	35	53.5	83	102	6.0		
7.0	24	24.5	44	62	78	97	23	26.5	31.5	50	75	92	7.0		
8.0	22	22	41	56	72	88	21.5	24.5	29	48.5	70	86	8.0		
9.0	20	20	37	50	65	78	19.5	22.5	26.5	46	64	79	9.0		
10.0	19	19	35	47	60	70	18	20.5	24.5	43	59	73	10.0		
12.0	18	18	34	46	50	58	16	18	21	37	50	55	12.0		
14.0	17	17	32.5	44	42.5	49	15	17	20	36	42.5	45	14.0		
16.0	16	16	30	38	37	40	14	16	19	34.5	40	38	16.0		
18.0	15	15	29	33.5	32.5	33	13	15	17.5	33	35	33	18.0		
20.0	14	14	26.5	30	29	28	12	14	16.5	31	30	28	20.0		
22.0	13	13	24	27	26	24	11	13	15	28	26	24.5	22.0		
24.0							10	11.5	13.5	24.5	22	20.5	24.0		
26.0							9	10	11.5	21	18.5	17	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 10-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	86	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	83	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	76	25.5	30.5	35.5	41	43	62	9.0		
10.0	20	23.5	28	33	51	70	24	28.5	33	38	40	60	10.0		
12.0	17	20	23.5	27.5	44	55	21	24.5	29	33.5	35	56	12.0		
14.0	15	17.5	21	24.5	40	45	19	22.5	26	30	31	51	14.0		
16.0	14	16.5	19.5	22.5	37.5	38	16.5	19.5	22.5	26	27	43	16.0		
18.0	13	15.5	18.5	21.5	33	33.5	14.5	17	20	23	24	36	18.0		
20.0	12	14.5	17	20	29.5	29	13.5	16	18.5	21.5	22	30	20.0		
22.0	11.5	13.5	16	19	26.5	25	12.5	15	17.5	20	20.5	26	22.0		
24.0	10.5	12.5	15	17.5	23.5	21.5	11.5	13.5	15.5	18	18.5	23	24.0		
26.0	9.5	11	13.5	16	20.5	19	10.5	12.5	14.5	17	17.5	20.5	26.0		
28.0	9	10.5	12.5	14.5	18	16.5	9.5	11	13	15.5	16	17.5	28.0		
30.0	8	9.5	11.5	13.5	16	14.5	9	10.5	12	14	14.5	15.5	30.0		
32.0	7	8	10	11.5	14	12.5	8	9.5	11	13	13.5	14	32.0		
34.0							7.5	8.5	10	12	12	12.5	34.0		
36.0							7	8	9	10.5	10.5	11	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
r	3	2	2	2	2	1	3	2	2	2	2	2	2	r	

Table 10-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	50		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	38	43.5		25	30.5	32.5	37	42	12.0		
14.0	20.5	24	28	29	34	38.5		23	28	29.5	34	39	14.0		
16.0	18	21	24.5	25	30	33.5		21	25	26.5	30.5	35.5	16.0		
18.0	16.5	19	22	22.5	27	30.5		19.5	23	24	28	32	18.0		
20.0	15	17	19.5	20	24.5	27.6		17.5	20.5	21	25	29	20.0		
22.0	13.5	15.5	18	18.5	22.5	25		16	19	19.5	23	26.5	22.0		
24.0	13	15	17.5	18	22	22.5		14.5	17	17.5	21	24	24.0		
26.0	12	13.5	15.5	16	20	20		13.5	16	16	19.5	20	26.0		
28.0	11	12.5	14.5	14.5	17.5	17.5		12.5	15	15	18	17.5	28.0		
30.0	10	11.5	13.5	13.5	15.5	15.5		11.5	13.5	13.5	16.5	15	30.0		
32.0	9.5	10.5	12.5	12.5	14	13.5		10.5	12.5	12.5	14.5	13.5	32.0		
34.0	8.5	9.5	11	11	12	12		9.7	11.5	11.5	12.8	12.5	34.0		
36.0	8	9	10.5	10.5	10.5	10.5		8.5	10	10	11.3	10.5	36.0		
38.0	7.5	8	9.5	9.5	9.5	9		8	9.5	9.5	10.4	9.5	38.0		
40.0	7	7.5	8.5	8.5	8.5	8		7.5	9	9	9	8.5	40.0		
42.0								6.5	8	8	7.8	7.2	42.0		
44.0								6	7	7	6.7	6.3	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 10-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	35									12.0		
14.0	23	26	29	32	23.5	27.5	30		21.5	24			14.0		
16.0	21	23.5	26.5	30	21.5	25	27.5		20	22.5	19		16.0		
18.0	19.5	21.5	24.5	27.5	19.5	22.5	25		20	22	18.5		18.0		
20.0	17.5	19	22	25	18	20.5	22.5		19.5	21.5	17.5	11.5	20.0		
22.0	17	18.5	21	24	17	19	21		16.5	18.5	17	11.1	22.0		
24.0	15.5	17	19.5	22	15.5	17.5	19.5		15.5	17.5	16	10.9	24.0		
26.0	14.5	15.5	18	20	14.5	16.5	18.5		15	16.5	15	10.7	26.0		
28.0	13	14	16	17.5	13.5	15.5	17		14	15.5	14	10.5	28.0		
30.0	12.5	13	15	15	12.5	14.5	16		13.5	14.5	13.5	10.3	30.0		
32.0	11.5	12	14	13.5	11.5	13.5	15		12.5	13.5	13	10	32.0		
34.0	10.5	11	13	12.2	10.5	12.5	12.5		12	13	12	9.5	34.0		
36.0	9.5	10	11.3	11	10	11.5	11.5		11.7	12.5	11.5	9	36.0		
38.0	9	9.5	10	9.5	9.5	11	10		10.9	10.5	11	8.5	38.0		
40.0	8.5	8.5	9.5	8.5	8.5	10	9		10.3	9.5	10.5	8.3	40.0		
42.0	8	8	8.5	7.5	8	9	8.2		9.5	8.5	9.2	8	42.0		
44.0	7.5	7.5	7.5	6.8	7.5	8	7.2		9	7.5	8	7.8	44.0		
46.0	6.5	6.5	6.5	5.7	7	7.4	6.3		7.8	6.8	7	7.5	46.0		
48.0	5.5	5.5	5	4.6	6.5	6.8	5.8		7	6.2	6.6	6.8	48.0		
50.0					5.5	5.6	4.7		6.3	5.5	6	6.3	50.0		
52.0					5	5	4		5.6	4.9	5.5	5.6	52.0		
54.0									5	4.3	4.6	5.1	54.0		
56.0									4.5	3.3	4.2	4.5	56.0		
58.0											3.6	4	58.0		
60.0											3.2	3.5	60.0		
62.0												3.1	62.0		
64.0												2.7	64.0		
66.0												2.3	66.0		
68.0												2	68.0		
70.0												1.7	70.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t									25t				Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 11-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 64 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	260	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	118.5	48	74	100	111	115	30.5	44	62	85	99	111.5	6.0	
7.0	105.5	43	64	86	99	102.5	28	41	56	77	90	99.5	7.0	
8.0	88	39.5	56	76	85	86	26	38	52	71	82	81	8.0	
9.0	72	36	50	68	74	74	23	33	45	62	71	70	9.0	
10.0	62	35	46	62	65	65	22	31	42	58	60	62.5	10.0	
12.0		32.5	41	51.5	54	54	21.5	30	40	44	48	51.5	12.0	
14.0		31	37	43	42	42	20	28	38	37	40	42	14.0	
16.0							19	26	35	32	34.5	34	16.0	
18.0							17	23	30	28	29	28	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 11-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 64 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	108	26	30	35	53.5	83	102	6.0		
7.0	24	24.5	44	62	78	97	23	26.5	31.5	50	75	92	7.0		
8.0	22	22	41	56	72	88	21.5	24.5	29	48.5	70	86	8.0		
9.0	20	20	37	50	65	71	19.5	22.5	26.5	46	64	79	9.0		
10.0	19	19	35	47	60	63	18	20.5	24.5	43	59	66	10.0		
12.0	18	18	34	46	45	51	16	18	21	37	48.5	50	12.0		
14.0	17	17	32.5	39.3	38	43	15	17	20	36	38	40	14.0		
16.0	16	16	30	34	33	35	14	16	19	34.5	35.5	33.5	16.0		
18.0	15	15	29	29.5	29	28.5	13	15	17.5	30.5	31	29	18.0		
20.0	14	14	26.5	26.5	25.5	24	12	14	16.5	27.3	26.5	24.5	20.0		
22.0	13	13	22.5	23.5	22	20.5	11	13	15	24.5	23	21	22.0		
24.0							10	11.5	13.5	21.5	19	17.5	24.0		
26.0							9	10	11.5	18.3	16	14.5	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	┘	1	1	1	1	2	2	1	1	1	1	2	2	┘	
	┘	1	1	1	2	2	2	1	1	1	2	2	2	┘	
	┘	1	1	2	2	2	1	1	2	3	2	2	2	┘	
	┘	2	3	2	2	1	1	3	3	2	2	2	1	┘	
	┘	3	2	2	1	1	1	3	2	2	2	1	1	┘	

Table 11-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 64 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	86	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	83	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	76	25.5	30.5	35.5	41	43	62	9.0		
10.0	20	23.5	28	33	51	70	24	28.5	33	38	40	60	10.0		
12.0	17	20	23.5	27.5	44	50	21	24.5	29	33.5	35	56	12.0		
14.0	15	17.5	21	24.5	40	40	19	22.5	26	30	31	47	14.0		
16.0	14	16.5	19.5	22.5	35	33.5	16.5	19.5	22.5	26	27	38	16.0		
18.0	13	15.5	18.5	21.5	29.5	29.5	14.5	17	20	23	24	31.5	18.0		
20.0	12	14.5	17	20	26	25.5	13.5	16	18.5	21.5	22	26	20.0		
22.0	11.5	13.5	16	19	23	21.5	12.5	15	17.5	20	20.5	22.5	22.0		
24.0	10.5	12.5	15	17.5	20.5	18.5	11.5	13.5	15.5	18	18.5	20	24.0		
26.0	9.5	11	13.5	16	17.5	16.2	10.5	12.5	14.5	17	17.5	17.5	26.0		
28.0	9	10.5	12.5	14.5	15.5	14	9.5	11	13	15.5	15.5	15	28.0		
30.0	8	9.5	11.5	13.5	13.7	12	9	10.5	12	13	13.5	13	30.0		
32.0	7	8	10	11.5	12	10.5	8	9.5	11	12	12	11.7	32.0		
34.0							7.5	8.5	10	10.8	10.5	10.3	34.0		
36.0							7	8	9	9	9	8.8	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
r	3	2	2	2	2	1	3	2	2	2	2	2	2	r	

Table 11-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 64 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	50		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	38	43.5		25	30.5	32.5	37	42	12.0		
14.0	20.5	24	28	29	34	38.5		23	28	29.5	34	39	14.0		
16.0	18	21	24.5	25	30	33.5		21	25	26.5	30.5	35.5	16.0		
18.0	16.5	19	22	22.5	27	29.5		19.5	23	24	28	32	18.0		
20.0	15	17	19.5	20	24.5	25.5		17.5	20.5	21	25	26	20.0		
22.0	13.5	15.5	18	18.5	22	22		16	19	19.5	23	22	22.0		
24.0	13	15	17.5	18	20	19.5		14.5	17	17.5	21	19	24.0		
26.0	12	13.5	15.5	16	17.3	17		13.5	16	16	17.5	17	26.0		
28.0	11	12.5	14.5	14.5	15	15		12.5	15	15	15.2	14.8	28.0		
30.0	10	11.5	13.5	13.5	13	13		11.5	13.5	13.5	13.3	12.5	30.0		
32.0	9.5	10.5	12.5	12.5	11.7	11.2		10.5	12.5	12.5	11.8	11	32.0		
34.0	8.5	9.5	11	10.5	9.8	9.8		9.7	11.5	11.5	10.5	10	34.0		
36.0	8	9	10	9.5	8.7	8.5		8.5	10	10	9.2	8.5	36.0		
38.0	7.5	8	8.7	8.4	7.6	7.2		8	9.5	9	8.2	7.5	38.0		
40.0	7	7.5	7.8	7.2	6.7	6.3		7.5	8.7	8.2	7.2	6.7	40.0		
42.0								6.5	7.6	7.1	6.1	5.5	42.0		
44.0								6	6.5	6	5.2	4.7	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 11-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 64 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	35									12.0		
14.0	23	26	29	32	23.5	27.5	30		21.5	24			14.0		
16.0	21	23.5	26.5	30	21.5	25	27.5		20	22.5	19		16.0		
18.0	19.5	21.5	24.5	27.5	19.5	22.5	25		20	22	18.5		18.0		
20.0	17.5	19	22	25	18	20.5	22.5		19.5	21.5	17.5	11.5	20.0		
22.0	17	18.5	21	23	17	19	21		16.5	18.5	17	11.1	22.0		
24.0	15.5	17	19.5	19.8	15.5	17.5	19.5		15.5	17.5	16	10.9	24.0		
26.0	14.5	15.5	18	17.2	14.5	16.5	17.3		15	16.5	15	10.7	26.0		
28.0	13	14	15	14.6	13.5	15.5	15.2		14	15	14	10.5	28.0		
30.0	12.5	13	13.5	12.5	12.5	14.5	13.3		13.5	13.5	13.5	10.3	30.0		
32.0	11.5	12	12	11	11.5	12.5	11.8		12.5	12	12.5	10	32.0		
34.0	10.5	11	10.6	10	10.5	11.2	10		12	10.6	11	9.5	34.0		
36.0	9.5	10	9.3	8.9	10	10	9		10.8	9.5	10	8.5	36.0		
38.0	9	9.5	8	7.5	9.5	8.8	7.8		9.5	8.3	9	7.8	38.0		
40.0	8.5	8.5	7.5	6.6	8.5	8	7.1		8.6	7.4	8	7.2	40.0		
42.0	8	7.7	6.7	5.7	8	7	6.3		7.8	6.5	7	6.7	42.0		
44.0	7.5	6.8	5.8	5	7.5	6.4	5.5		7	5.6	6	6.2	44.0		
46.0	6.2	5.8	5	4.2	6.6	5.7	4.7		6.2	5	5.4	5.8	46.0		
48.0	5.3	4.9	4.3	3.6	6	5	4.2		5.5	4.5	5	5.1	48.0		
50.0					5.2	4.2	3.3		4.9	3.9	4.5	4.7	50.0		
52.0					4.5	3.8	2.8		4.3	3.3	4	4.2	52.0		
54.0									3.7	2.9	3.3	3.6	54.0		
56.0									3.3	2.5	3	3.2	56.0		
58.0											2.5	2.7	58.0		
60.0											2.1	2.3	60.0		
62.0												1.9	62.0		
64.0												1.6	64.0		
66.0												1.3	66.0		
68.0													68.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t									25t				Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	┘	2	3	3	3	3	3	3		3	3	3	4	┘	
	└	3	3	3	3	3	3	3		3	3	3	4	└	
	┐	3	3	3	2	3	3	3		3	3	3	4	┐	
	┌	3	3	2	2	3	3	2		3	3	3	4	┌	
	└	3	2	2	2	3	2	2		3	2	3	4	└	

Table 12-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 52 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	260	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	118.5	48	74	100	111	115	30.5	44	62	85	99	111.5	6.0	
7.0	105.5	43	64	86	99	102.5	28	41	56	77	90	95	7.0	
8.0	85	39.5	56	76	80	81	26	38	52	71	82	76	8.0	
9.0	68	36	50	68	67	68	23	33	45	62	65	66	9.0	
10.0	57	35	46	60	57	57	22	31	42	53.5	54	55	10.0	
12.0		32.5	41	49	47	47	21.5	30	40	38.5	42	45	12.0	
14.0		31	35	38	36.5	36.5	20	28	36.5	32	35	36	14.0	
16.0							19	26	30.5	27.5	30	29	16.0	
18.0							17	23	26	24	25	24	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	2	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 12-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 52 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	108	26	30	35	53.5	83	102	6.0		
7.0	24	24.5	44	62	78	97	23	26.5	31.5	50	75	92	7.0		
8.0	22	22	41	56	72	80	21.5	24.5	29	48.5	70	86	8.0		
9.0	20	20	37	50	65	63	19.5	22.5	26.5	46	64	70	9.0		
10.0	19	19	35	47	55	55.5	18	20.5	24.5	43	59	58	10.0		
12.0	18	18	34	39	40	44.5	16	18	21	37	44	44	12.0		
14.0	17	17	32.5	33	33	37	15	17	20	36	35	35	14.0		
16.0	16	16	30	28.5	29	30	14	16	19	32	30.5	29	16.0		
18.0	15	15	27.5	25	25	24	13	15	17.5	26.5	27	25	18.0		
20.0	14	14	23.5	22.5	22	20	12	14	16.5	23.5	23	21	20.0		
22.0	13	13	19.5	20	18.5	16.5	11	13	15	21	19.5	17.5	22.0		
24.0							10	11.5	13.5	18	16	14.5	24.0		
26.0							9	10	11.5	15.5	13.5	11.8	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	┘	1	1	1	1	2	2	1	1	1	1	2	2	┘	
	┘	1	1	1	2	2	2	1	1	1	2	2	2	┘	
	┘	1	1	2	2	2	1	1	2	3	2	2	2	┘	
	┘	2	3	2	2	1	1	3	3	2	2	2	1	┘	
┘	3	2	2	1	1	1	3	2	2	2	1	1	┘	┘	

Table 12-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 52 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	86	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	83	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	76	25.5	30.5	35.5	41	43	62	9.0		
10.0	20	23.5	28	33	51	63	24	28.5	33	38	40	60	10.0		
12.0	17	20	23.5	27.5	44	47	21	24.5	29	33.5	35	50	12.0		
14.0	15	17.5	21	24.5	36.5	36.5	19	22.5	26	30	31	41	14.0		
16.0	14	16.5	19.5	22.5	31	30	16.5	19.5	22.5	26	27	33	16.0		
18.0	13	15.5	18.5	21.5	25.5	25	14.5	17	20	23	24	27	18.0		
20.0	12	14.5	17	20	22.5	22	13.5	16	18.5	21.5	22	22	20.0		
22.0	11.5	13.5	16	19	19.5	18	12.5	15	17.5	20	20	19	22.0		
24.0	10.5	12.5	15	17.5	17.5	15.5	11.5	13.5	15.5	17	17	16.5	24.0		
26.0	9.5	11	13.5	15.5	14.5	13.5	10.5	12.5	14.5	15	15	14.5	26.0		
28.0	9	10.5	12.5	13.5	13	11.5	9.5	11	13	13	13	12.5	28.0		
30.0	8	9.5	11.5	12	11.2	10	9	10.5	12	11	11	10.5	30.0		
32.0	7	8	10	10	10	8.5	8	9.5	10.5	9.8	10	9.5	32.0		
34.0							7.5	8.5	9	8.7	8.5	8.2	34.0		
36.0							7	8	8	7.5	7.2	6.8	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
r	3	2	2	2	2	1	3	2	2	2	2	2	2	r	

Table 12-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 52 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	50		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	38	43.5		25	30.5	32.5	37	42	12.0		
14.0	20.5	24	28	29	34	38.5		23	28	29.5	34	39	14.0		
16.0	18	21	24.5	25	30	31.5		21	25	26.5	30.5	32	16.0		
18.0	16.5	19	22	22.5	26	25.5		19.5	23	24	28	26.5	18.0		
20.0	15	17	19.5	20	22	22		17.5	20.5	21	22.5	22	20.0		
22.0	13.5	15.5	18	18.5	18.5	18.5		16	19	19	19	18	22.0		
24.0	13	15	17.5	18	16.5	16		14.5	17	17	16	15	24.0		
26.0	12	13.5	15.5	15	14	13.7		13.5	15.5	15.5	14	13	26.0		
28.0	11	12.5	13.5	13	12	11.7		12.5	14.5	13	12	11.5	28.0		
30.0	10	11.5	12	11.5	10.5	10.3		11.5	12.5	11.7	10.5	9.5	30.0		
32.0	9.5	10.5	10.7	10	9.2	8.9		10.5	11	10	9	8.5	32.0		
34.0	8.5	9.5	9	8.5	7.7	7.6		9.7	9.8	9	8	7.3	34.0		
36.0	8	8.5	8	7.5	6.7	6.5		8.5	8.3	8	7	6.2	36.0		
38.0	7.5	7.5	7	6.5	5.7	5.4		8	7.7	7	6	5.3	38.0		
40.0	7	6.8	6.2	5.6	5	4.5		7.5	6.9	6.3	5.2	4.6	40.0		
42.0								6.5	5.9	5.4	4.5	3.9	42.0		
44.0								5.8	5.2	4.7	3.8	3.2	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 12-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 52 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	35									12.0		
14.0	23	26	29	32	23.5	27.5	30		21.5	24			14.0		
16.0	21	23.5	26.5	30	21.5	25	27.5		20	22.5	19		16.0		
18.0	19.5	21.5	24.5	27.5	19.5	22.5	25		20	22	18.5		18.0		
20.0	17.5	19	22	22	18	20.5	22.5		19.5	21.5	17.5	11.5	20.0		
22.0	17	18.5	19	18.5	17	19	18.5		16.5	18.5	17	11.1	22.0		
24.0	15.5	17	16.5	15.5	15.5	17.5	16		15.5	16.3	16	10.9	24.0		
26.0	14.5	15.5	14.5	13.5	14.5	15	14		15	14.4	14.5	10.7	26.0		
28.0	13	14	12	11.5	13.5	13	12		13.5	12.3	12.8	10.5	28.0		
30.0	12.5	12	11	10	12.5	11.5	10.3		12	11	11.4	9.6	30.0		
32.0	11.5	10.6	9.5	8.5	11.5	10	9		10.5	9.6	10	8.9	32.0		
34.0	10.5	9.4	8.2	7.5	10	8.9	7.8		9.3	8.4	8.8	8	34.0		
36.0	9	8.2	7.3	6.5	9	7.8	6.7		8.4	7.3	7.8	6.8	36.0		
38.0	8.2	7.5	6.1	5.6	8	6.7	5.8		7.4	6.4	6.8	6.3	38.0		
40.0	7.5	6.5	5.6	4.8	7.1	6	5		6.6	5.5	6	5.7	40.0		
42.0	6.8	5.8	4.8	4	6.3	5.2	4.4		5.9	4.8	5.3	5.2	42.0		
44.0	6.1	5.2	4.2	3.4	5.7	4.7	3.8		5.2	4.1	4.5	4.5	44.0		
46.0	5	4.4	3.5	2.7	5.1	4	3.1		4.6	3.5	3.9	4	46.0		
48.0	4.5	3.6	2.9	2.2	4.5	3.6	2.5		3.9	3	3.5	3.5	48.0		
50.0					3.9	2.9	2		3.5	2.5	3	3	50.0		
52.0					3.3	2.5	1.6		2.9	2	2.6	2.6	52.0		
54.0									2.5	1.6	2.1	2.1	54.0		
56.0									2.2	1.2	1.7	1.7	56.0		
58.0											1.4	1.4	58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t									25t				Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 13-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 40 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	260	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	118.5	48	74	100	111	115	30.5	44	62	85	99	111.5	6.0	
7.0	95	43	64	86	90	93	28	41	56	77	90	88	7.0	
8.0	80	39.5	56	76	75	76	26	38	52	71	73	70	8.0	
9.0	60	36	50	66	63	64	23	33	45	55	58	58	9.0	
10.0	50	35	46	58	55	55	22	31	42	48	48	48	10.0	
12.0		32.5	38.5	43	43	43	21.5	30	37.5	35	37	38.5	12.0	
14.0		30	32.5	33	33	32.5	20	28	31	30	31	32	14.0	
16.0							19	26	25.5	25	26	25	16.0	
18.0							17	21.5	21.5	21	21	20	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
r	1	2	1	1	1	1	3	2	1	1	1	1	r	

Table 13-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 40 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	108	26	30	35	53.5	83	102	6.0		
7.0	24	24.5	44	62	78	90	23	26.5	31.5	50	75	92	7.0		
8.0	22	22	41	56	72	76	21.5	24.5	29	48.5	70	80	8.0		
9.0	20	20	37	50	60	61	19.5	22.5	26.5	46	62	66	9.0		
10.0	19	19	35	45	52	51	18	20.5	24.5	43	51.5	54	10.0		
12.0	18	18	34	33.5	37	36.5	16	18	21	37	38	40	12.0		
14.0	17	17	32.5	28.5	31	30.5	15	17	20	32	30	30	14.0		
16.0	16	16	26.5	24	24.5	24	14	16	19	27.5	25.5	24.5	16.0		
18.0	15	15	23	21	21	19	13	15	17.5	22.5	22.5	20	18.0		
20.0	14	14	19.5	18.5	17.5	15.5	12	14	16.5	19.5	18.5	16.5	20.0		
22.0	13	13	16	15.5	14.5	12.5	11	13	15	17.3	15.6	13.5	22.0		
24.0							10	11.5	13.5	14.7	12.7	11	24.0		
26.0							9	10	11.5	12.6	10.7	9	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
r	3	2	2	1	1	1	3	2	2	2	1	1	r		

Table 13-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 40 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	86	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	83	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	72	25.5	30.5	35.5	41	43	62	9.0		
10.0	20	23.5	28	33	51	58	24	28.5	33	38	40	60	10.0		
12.0	17	20	23.5	27.5	42	43	21	24.5	29	33.5	35	46	12.0		
14.0	15	17.5	21	24.5	35	34	19	22.5	26	30	31	35	14.0		
16.0	14	16.5	19.5	22.5	26.5	25	16.5	19.5	22.5	26	27	27.5	16.0		
18.0	13	15.5	18.5	21.5	21.5	20.6	14.5	17	20	22	22	22	18.0		
20.0	12	14.5	17	19	18.5	17.5	13.5	16	18.5	19.5	19	18	20.0		
22.0	11.5	13.5	16	17	16	14.5	12.5	15	17.5	16.5	16	15	22.0		
24.0	10.5	12.5	15	14.5	14	12.2	11.5	13.5	14.5	13.5	13.5	13	24.0		
26.0	9.5	11	12.5	12.5	11.6	10	10.5	12.5	12.6	12	11.8	11.2	26.0		
28.0	9	10.5	11	10.5	10.3	8.3	9.5	11	10.8	10.3	10	9.6	28.0		
30.0	8	9.5	9.5	9.5	8.8	7	9	10	9.5	8.6	8.5	8	30.0		
32.0	7	8	7.9	8	7.7	6	8	8.5	8.3	7.5	7.4	7	32.0		
34.0							7.5	7.4	7.2	6.5	6.3	6	34.0		
36.0							7	6.6	6.3	5.6	5.3	5	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
r	3	2	2	2	2	1	3	2	2	2	2	2	2	r	

Table 13-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 40 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	50		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	38	43.5		25	30.5	32.5	37	42	12.0		
14.0	20.5	24	28	29	34	35		23	28	29.5	34	34	14.0		
16.0	18	21	24.5	25	27	26.5		21	25	26	30	26	16.0		
18.0	16.5	19	22	22.5	21.5	21		19	23	23	22	21	18.0		
20.0	15	17	19	18.5	18	17.8		17	20	20.5	18	17	20.0		
22.0	13.5	15.5	16	16	15	14.7		15.5	18.5	16	15	14	22.0		
24.0	13	15	14.5	13.8	13	12.3		14	14	14	12.5	11.8	24.0		
26.0	12	13.5	12.5	11.8	11	10.5		13	12.7	12	11	10	26.0		
28.0	11	11.5	10.5	10.3	9	8.9		12	11	10.1	9.3	8.5	28.0		
30.0	10	10.2	9.2	8.8	7.9	7.5		11	9.5	9	8	7	30.0		
32.0	9.5	9	8.2	7.5	6.8	6.4		9.5	8.5	7.6	6.5	6.2	32.0		
34.0	8	7.5	6.8	6.3	5.6	5.3		8.4	7.5	6.7	5.8	5.1	34.0		
36.0	7.5	6.6	6	5.5	4.7	4.4		7.3	6.3	6	5	4.2	36.0		
38.0	6.7	6	5.2	4.7	3.9	3.6		6.6	5.7	5.2	4.2	3.6	38.0		
40.0	6	5.2	4.7	4	3.2	2.9		6	5	4.3	3.4	2.8	40.0		
42.0								5	4.3	3.8	2.8	2.2	42.0		
44.0								4.4	3.7	3.2	2.2	1.6	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 13-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 40 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	35									12.0		
14.0	23	26	29	32	23.5	27.5	30		21.5	24			14.0		
16.0	21	23.5	26.5	27	21.5	25	27.5		20	22.5	19		16.0		
18.0	19.5	21.5	22.5	21.8	19.5	22.5	22		20	22	18.5		18.0		
20.0	17.5	19	18.5	17.5	18	19	18		19.5	19	17.5	11.5	20.0		
22.0	17	18.5	15.5	14.8	17	16	15		16.2	15.4	15.8	11.1	22.0		
24.0	15.5	14.5	13.3	12.3	15.5	13.8	12.7		13.9	13.1	13.9	10	24.0		
26.0	13	12.5	11.4	10.5	13	12	10.8		12.5	11.3	11.6	9.2	26.0		
28.0	11.3	10.8	9.3	8.8	11.3	10.2	9.2		10.8	9.6	10.1	8.4	28.0		
30.0	10.2	9.3	8.5	7.6	10	8.8	7.8		9.3	8.3	8.9	7.5	30.0		
32.0	8.8	8.3	7.2	6.2	8.8	7.6	6.6		8.2	7.1	7.7	6.8	32.0		
34.0	8	7	6.1	5.3	7.8	6.5	5.6		7.1	6.1	6.6	6	34.0		
36.0	7	6.2	5.3	4.4	6.9	5.7	4.7		6.2	5.2	5.7	5	36.0		
38.0	6.3	5.5	4.3	3.7	6.1	4.8	3.9		5.4	4.4	4.9	4.5	38.0		
40.0	5.7	4.7	3.8	3	5.3	4.2	3.2		4.6	3.7	4.2	4	40.0		
42.0	5	4.2	3.2	2.3	4.7	3.6	2.7		4.1	3.1	3.6	3.5	42.0		
44.0	4.3	3.6	2.6	1.7	4.1	3	2.1		3.5	2.5	2.9	2.9	44.0		
46.0	3.7	3	2	1.2	3.5	2.5	1.6		3	2	2.4	2.5	46.0		
48.0	3.2	2.5	1.6		3	2.1			2.5	1.6	2.1	2.1	48.0		
50.0					2.6	1.6			2.1		1.6	1.6	50.0		
52.0					2.1	1.2			1.7		1.2	1.2	52.0		
54.0									1.3				54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t					Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	┘	2	3	3	3	3	3	3		3	3	3	4	┘	
	┘	3	3	3	3	3	3	3		3	3	3	4	┘	
	┘	3	3	3	2	3	3	3		3	3	3	4	┘	
	┘	3	3	2	2	3	3	2		3	3	3	4	┘	
	┘	3	2	2	2	3	2	2		3	2	3	4	┘	

Table 14-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 25 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	260	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	118.5	48	74	100	111	115	30.5	44	62	85	99	111.5	6.0	
7.0	88	43	64	86	84	86	28	41	56	77	84	85	7.0	
8.0	75	39.5	56	66	63	64	26	38	52	63	66	66	8.0	
9.0	55	36	48	54	51	52	23	33	45	46	49	48	9.0	
10.0	45	35	41	47	44	44	22	31	38	40	39	38	10.0	
12.0		29	30	33.5	33	32	21.5	30	30	29	31	30	12.0	
14.0		24.5	24.8	25	24	23	20	25.5	25	24	23	22.5	14.0	
16.0							19	21	20	19.5	18.3	16.5	16.0	
18.0							16	17	16.2	15.5	14	12.5	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	1	
r	1	2	1	1	1	1	3	2	1	1	1	1	r	

Table 14-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 25 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	96	26	30	35	53.5	83	102	6.0		
7.0	24	24.5	44	62	78	82	23	26.5	31.5	50	75	86	7.0		
8.0	22	22	41	56	65	66	21.5	24.5	29	48.5	65	70	8.0		
9.0	20	20	37	47	50	51	19.5	22.5	26.5	46	56	56	9.0		
10.0	19	19	35	40	42	43	18	20.5	24.5	43	48	46	10.0		
12.0	18	18	29	27	29	28	16	18	21	30.5	33	31	12.0		
14.0	17	17	24.5	22.5	24	22.5	15	17	20	25	26	22.5	14.0		
16.0	16	16	20	18.5	18.5	17.5	14	16	19	21	20	18	16.0		
18.0	15	15	17.5	16	15	13.3	13	15	17.5	17	16.5	14.5	18.0		
20.0	14	14	14.5	13.5	12.3	10.5	12	14	15	14.5	13.4	11.4	20.0		
22.0	13	12	11.8	11	10	8	11	13	12.5	12.5	10.8	9	22.0		
24.0							10	10.8	10.5	10.5	8.8	7	24.0		
26.0							9	9.2	8.8	8.8	7	5.4	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 14-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 25 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	75	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	65	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	57	25.5	30.5	35.5	41	43	58.5	9.0		
10.0	20	23.5	28	33	47	48	24	28.5	33	38	40	48.5	10.0		
12.0	17	20	23.5	27.5	34	34	21	24.5	29	33.5	35	35.5	12.0		
14.0	15	17.5	21	24.5	27.5	25	19	22.5	26	27.5	27.5	26.5	14.0		
16.0	14	16.5	19.5	20	21	18.5	16.5	19.5	21	21.5	21	20.7	16.0		
18.0	13	15.5	17	17.5	16.5	15	14.5	17	17.5	16.5	16.5	16.3	18.0		
20.0	12	14.5	14.5	14.5	13.7	12.3	13.5	15	15	14.4	14	13	20.0		
22.0	11.5	13.5	12.5	12.4	11.6	10	12.5	13.2	12.5	12	11.5	10.5	22.0		
24.0	10.5	11.5	10.7	10.4	10	8	11.5	11.3	10.6	9.7	9.5	9	24.0		
26.0	9.5	9.5	9	8.9	8.1	6.4	10.5	9.6	9	8.4	8	7.5	26.0		
28.0	9	8.5	7.7	7.2	7	5.1	8.8	8	7.5	7	6.7	6.2	28.0		
30.0	7	7.2	6.5	6.4	5.8	4	7.8	7	6.5	5.6	5.5	5	30.0		
32.0	6	5.8	5.4	5.2	4.9	3.2	6.6	5.8	5.5	4.8	4.6	4.1	32.0		
34.0							5.8	5	4.6	3.9	3.8	3.3	34.0		
36.0							5.1	4.3	3.9	3.3	3	2.5	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 14-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 25 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	47		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	35	34		25	30.5	32.5	37	34.5	12.0		
14.0	20.5	24	28	27	26.5	25.5		23	28	29	27	25	14.0		
16.0	18	21	22	21.3	20.3	19.5		21	24.5	22	21	19	16.0		
18.0	16.5	18	18	17.2	15.9	15.3		19	18.5	17.5	16	15.5	18.0		
20.0	15	15.5	14	13.5	13	12.5		17	15.5	14.5	13	12	20.0		
22.0	13.5	13	11.8	11.5	10.5	10.2		13.5	12.7	11.5	10.5	9.7	22.0		
24.0	11.5	11.2	10.2	9.6	9	8.3		11.5	10.2	10	8.5	7.9	24.0		
26.0	10	9.5	8.6	8.2	7.3	6.8		10	9	8.3	7.3	6.5	26.0		
28.0	8.8	8.2	7.2	6.9	5.8	5.5		8.5	7.7	6.8	6	5.3	28.0		
30.0	7.5	7.1	6.1	5.7	4.9	4.4		7.5	6.5	5.9	4.9	4.1	30.0		
32.0	6.7	6.1	5.2	4.7	3.9	3.5		6.6	5.7	4.8	4	3.3	32.0		
34.0	5.7	5	4.3	3.7	3	2.6		5.7	4.8	4.1	3.2	2.5	34.0		
36.0	5	4.2	3.6	3.1	2.3	1.9		4.8	3.9	3.5	2.5	1.8	36.0		
38.0	4.3	3.6	2.9	2.5	1.7	1.3		4.3	3.3	2.8	1.8	1.2	38.0		
40.0	3.8	3.1	2.5	1.9				3.8	2.9	2.1	1.3		40.0		
42.0								3.2	2.2	1.6			42.0		
44.0								2.7	1.8	1.2			44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 14-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 25 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	33									12.0		
14.0	23	26	27	26	23.5	27.5	26.5		21.5	24			14.0		
16.0	21	22	21.5	20	21.5	21.5	20.5		20	20	19		16.0		
18.0	19.5	18	16.5	15.5	18	17.5	16		18	16.5	16.5		18.0		
20.0	16	15	13.5	12.5	15.5	14	13		15	13.5	13.6	10	20.0		
22.0	13.5	12	11	10.3	13	11.5	10.5		11.8	11	11.4	8.5	22.0		
24.0	11.5	10.5	9.2	8.2	11	9.5	8.7		10	9	9.8	7	24.0		
26.0	9.4	8.8	7.8	6.8	9.3	8.2	7.1		8.7	7.5	8	6.4	26.0		
28.0	8.1	7.5	6.1	5.5	7.9	6.9	5.9		7.4	6.3	6.7	5.6	28.0		
30.0	7	6.3	5.3	4.5	6.9	5.5	4.7		6.2	5	5.7	4.9	30.0		
32.0	6	5.4	4.4	3.3	5.9	4.7	3.8		5.3	4.2	4.6	4.3	32.0		
34.0	5.3	4.4	3.5	2.6	5	3.9	3		4.4	3.4	4	3.6	34.0		
36.0	4.5	3.8	2.7	1.9	4.4	3.1	2.2		3.7	2.7	3.2	2.8	36.0		
38.0	3.9	3.1	2.1	1.3	3.7	2.5	1.6		3	2	2.5	2.4	38.0		
40.0	3.4	2.5	1.6		3.1	2			2.4	1.5	2	1.9	40.0		
42.0	2.8	2.1			2.6	1.5			2		1.5	1.5	42.0		
44.0	2.4	1.6			2				1.5				44.0		
46.0	1.9	1.2			1.6								46.0		
48.0	1.5				1.3								48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t				Hook		
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	┘	2	3	3	3	3	3	3		3	3	3	4	┘	
	┘	3	3	3	3	3	3	3		3	3	3	4	┘	
	┘	3	3	3	2	3	3	3		3	3	3	4	┘	
	┘	3	3	2	2	3	3	2		3	3	3	4	┘	
	┘	3	2	2	2	3	2	2		3	2	3	4	┘	

Table 15-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 10 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	260	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	100	48	74	100	95	96	30.5	44	62	85	86	85	6.0	
7.0	69	43	64	68	65	66	28	41	56	61	65	64.5	7.0	
8.0	51	39.5	50	51	48.5	49	26	38	47.5	48.6	50.5	50	8.0	
9.0	38	36	37	40.5	38	38.5	23	33	34.8	35	36.5	35	9.0	
10.0	30	30.5	30	34.5	32	31.5	22	29	28	29.5	28	26.8	10.0	
12.0		20.5	21.3	23.5	23	22	21.5	22.5	21.5	20.5	21.6	20.2	12.0	
14.0		17	17	17	16	15	18	18	17.5	16.5	15.4	14.5	14.0	
16.0							14.5	14.5	13.7	13	11.7	10	16.0	
18.0							11	11.5	10.6	9.9	8.5	6.8	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t					130t						Hook		
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 15-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	82.5	85	26	30	35	53.5	83	85	6.0		
7.0	24	24.5	44	59	58	61	23	26.5	31.5	50	62	64	7.0		
8.0	22	22	41	44.5	49	49	21.5	24.5	29	48.5	48.5	51.5	8.0		
9.0	20	20	35.5	36	37.6	37.5	19.5	22.5	26.5	40	42	41	9.0		
10.0	19	19	29.2	29.7	30.5	30.5	18	20.5	24.5	32.5	35.6	33	10.0		
12.0	18	18	21	19.4	20.5	19	16	18	21	22.2	23.6	21.5	12.0		
14.0	17	17	17.5	15.8	16.5	14.7	15	17	18.5	17.9	18	15	14.0		
16.0	15	15	14	12.7	12.2	10.9	14	15.3	15.3	14.7	13.6	11.5	16.0		
18.0	12.6	12.4	12	10.6	9.5	7.7	13	12.8	12.4	11.6	10.6	8.6	18.0		
20.0	10.5	10.2	9.7	8.6	7.3	5.4	11	10.7	10.1	9.6	8.3	6.3	20.0		
22.0	8.7	8.2	7.7	6.7	5.6	3.6	9.2	8.8	8	8	6.5	4.5	22.0		
24.0							7.6	7	7.2	6.5	5	3	24.0		
26.0							6.2	5.8	5.4	5.2	3.6	1.9	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 15-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	88							6.0		
7.0	26	31	36.5	42.5	58	56	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	54	48	27.5	33	38.5	44.5	47	54	8.0		
9.0	22	26	30.5	36	42	41.5	25.5	30.5	35.5	41	43	43	9.0		
10.0	20	23.5	28	33	35	34.8	24	28.5	33	37	36.5	35.5	10.0		
12.0	17	20	23.5	23.5	24.6	24	21	24.5	27	26.6	26	25.3	12.0		
14.0	15	17.5	18	17.7	19.5	17	19	21.7	20.8	19.5	19	18.5	14.0		
16.0	14	15.3	14.5	14	14.6	12.2	16.5	16.5	14.7	14.9	14.3	14	16.0		
18.0	13	12.8	11.7	11.9	11.1	9.5	13.6	12.8	12	11.3	11	10.7	18.0		
20.0	11	10.7	9.7	9.6	9	7.4	11.5	10.2	10	9.4	9	8.1	20.0		
22.0	9.5	9	8.1	8	7.4	5.6	9.7	8.8	8.1	7.5	7	6.3	22.0		
24.0	8	7.5	6.7	6.5	6	4.1	8.2	7.3	6.6	5.8	5.6	5	24.0		
26.0	6.6	6	5.5	5.2	4.7	2.9	6.9	5.9	5.4	4.8	4.5	3.9	26.0		
28.0	5.7	5.1	4.4	4	3.8	1.9	5.5	4.8	4.2	3.7	3.4	2.9	28.0		
30.0	4.3	4.2	3.5	3.3	2.9		4.8	4	3.5	2.8	2.6	2.1	30.0		
32.0	3.6	3.3	2.8	2.5	2.1		3.9	3.1	2.7	2.1	1.8	1.3	32.0		
34.0							3.3	2.5	2	1.5	1.2		34.0		
36.0							2.7	2	1.5				36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 15-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	42	41.5							9.0		
10.0	26	30.5	36	36	34.5	34		27	33	36	34.5	33.5	10.0		
12.0	22.5	26.5	27	26.5	25	24		25	27.5	26.5	25	24	12.0		
14.0	20.5	21	20	19	18	17.5		22.5	20.5	19.7	18.2	17	14.0		
16.0	17	16.3	15.4	14.7	13.5	13		17	16	15	13.5	12.5	16.0		
18.0	13.9	12.4	12	11.4	10	9.7		13.6	12.7	11.8	10.4	9.7	18.0		
20.0	11.4	10.5	9.3	8.7	8	7.6		11.2	10.2	9.4	8	7.2	20.0		
22.0	9.3	8.6	7.5	7	6.2	5.8		9	8.2	7.2	6.2	5.4	22.0		
24.0	7.6	7	6.3	5.6	4.7	4.4		7.5	6.4	6	4.7	4	24.0		
26.0	6.4	5.9	5	4.5	3.7	3.2		6.3	5.4	4.7	3.7	3	26.0		
28.0	5.5	4.9	4	3.5	2.6	2.1		5.2	4.4	3.6	2.7	2	28.0		
30.0	4.5	4	3.1	2.6	1.8	1.3		4.5	3.5	2.8	1.9	1.2	30.0		
32.0	3.8	3.2	2.4	1.9				3.8	2.8	2.1	1.2		32.0		
34.0	3.1	2.5	1.8	1.2				3.1	2.1	1.5			34.0		
36.0	2.6	1.9	1.2					2.4	1.6				36.0		
38.0	2.1	1.4						1.9					38.0		
40.0	1.7							1.6					40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 15-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	26	25	23.5									12.0		
14.0	21	20	18.9	17.8	21	19.5	18		18.5	17.5			14.0		
16.0	16	15.3	14.3	13.2	16.2	14.7	13.6		14.5	13.5	13.5		16.0		
18.0	13	12.2	10.9	9.9	12.4	11.5	10.3		12.2	10.8	11		18.0		
20.0	10.5	9.7	8.5	7.6	10.4	9	8		9.7	8.5	8.8	6.5	20.0		
22.0	8.5	7.7	6.7	5.9	8.4	7.1	6.1		7.5	6.6	7	5.3	22.0		
24.0	7.5	6.5	5.2	4.3	6.8	5.6	4.7		6.1	5	5.7	4	24.0		
26.0	5.8	5.2	4.1	3.1	5.6	4.5	3.5		5	4	4.5	3.5	26.0		
28.0	4.9	4.2	2.9	2.1	4.6	3.5	2.6		4	3	3.5	2.9	28.0		
30.0	4	3.2	2.2	1.3	3.8	2.5	1.7		3	2.1	2.6	2.2	30.0		
32.0	3.2	2.6	1.5		3.1	1.8			2.4	1.4	1.8	1.7	32.0		
34.0	2.7	1.8			2.4	1.3			1.8		1.3	1.2	34.0		
36.0	2.1	1.3			1.8				1.2				36.0		
38.0	1.6				1.3								38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t				Hook		
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	┘	2	3	3	3	3	3	3		3	3	3	4	┘	
	┘	3	3	3	3	3	3	3		3	3	3	4	┘	
	┘	3	3	3	2	3	3	3		3	3	3	4	┘	
	┘	3	3	2	2	3	3	2		3	3	3	4	┘	
	┘	3	2	2	2	3	2	2		3	2	3	4	┘	

Table 16-1 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 0 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ~	19.7	19.7	19.7	19.7	19.7 ~	24.5	24.5	24.5	24.5	24.5	24.5 ~		
3.0	260	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	160	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	152	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	144	57	96	130	135	139.5	41	56	85	117	126	130	4.5	
5.0	134	53.5	87	117	126	130	37	52	76	104	118	120	5.0	
6.0	82	48	74	82	75.5	76	30.5	44	62	68.5	66.8	65.5	6.0	
7.0	54	43	55.5	54.5	51.5	52.2	28	41	48.5	47.2	50	48.8	7.0	
8.0	37	39.5	39	39.5	37.2	37.2	26	38	37.2	37.6	38.6	37.3	8.0	
9.0	28	28.5	28	30.5	28.4	28.5	23	27.4	26.7	26.5	27.3	25.6	9.0	
10.0	21.5	23	22.5	25.5	23.6	23	22	22.2	21.2	22	20.6	19.2	10.0	
12.0		15	15.5	17	16	15	17.4	16.3	15.9	14.8	15.2	13.6	12.0	
14.0		12	12	11.7	10.8	9.8	13.3	13.1	12.5	11.5	10.2	8.8	14.0	
16.0							10.4	10.3	9.4	8.5	7.3	5.3	16.0	
18.0							7.6	7.9	7	6	4.8	3.1	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 16-2 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 0 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	108	28.5	33.5	39	56	91	105	5.0		
6.0	27	27.5	47	67	64.5	65.7	26	30	35	53.5	69	66	6.0		
7.0	24	24.5	44	46	45	46.5	23	26.5	31.5	50	48	49	7.0		
8.0	22	22	35.5	34.4	37.5	36.8	21.5	24.5	29	39	37.4	39	8.0		
9.0	20	20	27.5	27.5	28.5	27.6	19.5	22.5	26.5	31	32	30.5	9.0		
10.0	19	19	22.4	22.5	22.7	22	18	20.5	24.5	25	26.8	24.2	10.0		
12.0	17.5	17.3	15.8	14.3	14.8	13	16	17.7	17.3	16.7	17.3	15	12.0		
14.0	13.8	13.7	12.9	11.3	11.4	9.5	14.5	14	13.7	13.1	12.8	10	14.0		
16.0	11	10.9	10	8.8	8	6.2	11.9	11.1	11	10.5	9.2	7.2	16.0		
18.0	9	8.7	8.3	7	5.8	3.7	9.6	9	8.7	8	6.8	4.8	18.0		
20.0	7.2	7	6.5	5.4	4	2	7.8	7.3	6.8	6.4	5	3	20.0		
22.0	5.8	5.3	5	3.9	2.5		6.3	5.7	5.2	5	3.6	1.6	22.0		
24.0							5	4.4	4.2	3.9	2.4		24.0		
26.0							4	3.5	3.1	2.7	1.3		26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
r	3	2	2	1	1	1	3	2	2	2	1	1	r		

Table 16-3 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 0 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	68							6.0		
7.0	26	31	36.5	42.5	52.4	43	31	37	43	49.5	52	53	7.0		
8.0	25	29.5	34.5	40.5	42	36.7	27.5	33	38.5	42.8	42	40.7	8.0		
9.0	22	26	30.5	32.5	32.4	31.3	25.5	30.5	35.5	34	33.5	32.6	9.0		
10.0	20	23.5	27	26.8	26.7	25.9	24	28.5	29	28	27.5	26.6	10.0		
12.0	17	18.8	18	17.7	18.3	17.2	21	21	20.3	19.5	19	18.2	12.0		
14.0	14.5	13.8	13.3	13	14.2	11.8	16.5	16.2	15.3	14	13.7	12.8	14.0		
16.0	11.7	11.2	10.4	10	10.3	8	12.8	12	10.5	10.3	9.9	9.3	16.0		
18.0	9.5	9.2	8	8.2	7.5	5.7	9.9	9	8.3	7.7	7.3	6.8	18.0		
20.0	7.8	7.4	6.5	6.3	5.8	4	8	7	6.7	6	5.7	4.9	20.0		
22.0	6.6	5.8	5.2	4.8	4.4	2.6	6.6	5.8	5.1	4.5	4	3.4	22.0		
24.0	5.3	4.6	4	3.7	3.3	1.5	5.3	4.6	4	3.2	3	2.4	24.0		
26.0	4.2	3.6	3	2.7	2.3		4.2	3.5	2.9	2.4	2	1.5	26.0		
28.0	3.4	2.9	2.3	1.9	1.5		3.3	2.6	2.1	1.5	1.2		28.0		
30.0	2.4	2.2	1.6	1.3			2.8	2	1.5				30.0		
32.0	1.9	1.5					2.1	1.4					32.0		
34.0							1.6						34.0		
36.0							1.2						36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 16-4 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 0 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	34	33	31.5	31							9.0		
10.0	26	29	28	27	26	25.3		27	28	27	25.5	25	10.0		
12.0	21.5	21	20	19	18	17.4		21.5	20.5	19.5	18.2	17.3	12.0		
14.0	16	15.5	14.5	13.7	12.7	12		16.3	15	14	12.9	11.8	14.0		
16.0	12.5	11.5	10.6	10	9.1	8.6		12.5	11.5	10.3	9	8.2	16.0		
18.0	9.8	8.7	8.2	7.6	6.4	6		9.8	8.8	7.8	6.7	5.9	18.0		
20.0	7.8	7.2	6	5.5	4.7	4.3		7.8	6.8	6	4.8	4	20.0		
22.0	6.3	5.6	4.7	4.1	3.3	2.8		6	5.2	4.3	3.3	2.6	22.0		
24.0	5	4.4	3.6	3	2.1	1.7		4.9	3.9	3.3	2.2	1.5	24.0		
26.0	4.1	3.4	2.6	2	1.2			3.9	3	2.3	1.3		26.0		
28.0	3.3	2.7	1.8	1.2				3	2.2	1.5			28.0		
30.0	2.5	1.9						2.5	1.5				30.0		
32.0	1.9	1.3						1.8					32.0		
34.0	1.4							1.3					34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 16-5 Main boom

Unit: t

Outriggers completely extended 8.3 m, with 0 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	21	19.5	18.3	16.9									12.0		
14.0	15.5	14.5	13.3	12.2	15.5	14	12.5		13.5	12.5			14.0		
16.0	11.5	10.9	9.8	8.8	11.5	10.2	9		10.2	9.2	9.4		16.0		
18.0	9.2	8.4	7	6.1	8.6	7.7	6.5		8.3	7	7.3		18.0		
20.0	7.2	6.4	5.2	4.2	7	5.7	4.7		6.3	5.2	5.5		20.0		
22.0	5.6	4.8	3.8	2.9	5.4	4.2	3.2		4.7	3.6	4.1		22.0		
24.0	4.7	3.7	2.6	1.7	4.2	3	2		3.5	2.4	3		24.0		
26.0	3.4	2.7	1.6		3.2	2.1			2.6		2.1		26.0		
28.0	2.6	2			2.4	1.3			1.7				28.0		
30.0	2	1.2			1.7								30.0		
32.0	1.4												32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t								25t					Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 17-1 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 76 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	160	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	155	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	149	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	138	57	96	130	135	139	41	56	85	117	126	130	4.5	
5.0	127	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	110	48	74	100	111	100	30.5	44	62	85	99	102	6.0	
7.0	83	43	64	83	80	80	28	41	56	77	81	80	7.0	
8.0	67	39.5	56	67	61	61	26	38	52	66	64.5	63	8.0	
9.0	54	36	50	54	52	52	23	33	45	52	51	50	9.0	
10.0	46	35	46	45	43	43	22	31	42	44	44	43	10.0	
12.0		32.5	40	37	36	35	21.5	30	37	36.5	35	34	12.0	
14.0		31	32	30	29	28	20	28	32	31.5	30	29	14.0	
16.0							19	26	27	26	24.5	23	16.0	
18.0							17	22	22	21	20	18.5	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 17-2 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	96	26	30	35	53.5	83	102	6.0		
7.0	24	24.5	44	62	78	77	23	26.5	31.5	50	75	83	7.0		
8.0	22	22	41	56	66	65	21.5	24.5	29	48.5	70	70	8.0		
9.0	20	20	37	50	54	53	19.5	22.5	26.5	46	59	58	9.0		
10.0	19	19	35	44.5	47	46	18	20.5	24.5	43	50	49	10.0		
12.0	18	18	34	37	39	38	16	18	21	37	37	36	12.0		
14.0	17	17	32.5	31.5	32	31	15	17	20	31.5	32	31	14.0		
16.0	16	16	27.5	27	26	25	14	16	19	27.5	27	26	16.0		
18.0	15	15	24.5	23.5	22.5	21	13	15	17.5	24	23.5	22	18.0		
20.0	14	14	21	20	19	17	12	14	16.5	21.5	20	18	20.0		
22.0	13	13	18	17	15.5	14	11	13	15	19	17	15	22.0		
24.0							10	11.5	13.5	16	14.5	13	24.0		
26.0							9	10	11.5	13	12	10.5	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 17-3 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	86	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	75	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	64	25.5	30.5	35.5	41	43	62	9.0		
10.0	20	23.5	28	33	51	53	24	28.5	33	38	40	55	10.0		
12.0	17	20	23.5	27.5	40	38	21	24.5	29	33.5	35	44	12.0		
14.0	15	17.5	21	24.5	32	30	19	22.5	26	30	31	35	14.0		
16.0	14	16.5	19.5	22.5	27	25	16.5	19.5	22.5	26	27	28.5	16.0		
18.0	13	15.5	18.5	21.5	24	22	14.5	17	20	23	23.5	24	18.0		
20.0	12	14.5	17	20	21	19	13.5	16	18.5	20	20.5	20	20.0		
22.0	11.5	13.5	16	18	18	16.5	12.5	15	17.5	18	18	17.2	22.0		
24.0	10.5	12.5	15	16	15.7	14	11.5	13.5	15.5	15.5	15.5	15	24.0		
26.0	9.5	11	13.5	14	13.6	12	10.5	12.5	14.5	13.5	13.2	13	26.0		
28.0	9	10.5	12.5	12	12	10.3	9.5	11	12	12	11.6	11.3	28.0		
30.0	8	9.5	10.5	10.5	10.5	8.5	9	10.5	11	10.3	10.2	9.8	30.0		
32.0	7	8	9.5	9	8.5	7	8	9.5	9.5	9.2	9	8.5	32.0		
34.0							7.5	8.5	8.3	8	7.6	7.2	34.0		
36.0							7	7.5	7.2	6.7	6.6	6	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 17-4 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	50		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	38	43.5		25	30.5	32.5	37	42	12.0		
14.0	20.5	24	28	29	34	34.5		23	28	29.5	34	34	14.0		
16.0	18	21	24.5	25	28	27		21	25	26.5	30.5	27.5	16.0		
18.0	16.5	19	22	22.5	23	23		19.5	23	24	23.5	23	18.0		
20.0	15	17	19.5	20	19.5	19		17.5	20.5	21	20	19.3	20.0		
22.0	13.5	15.5	18	17.5	16.8	16.2		16	19	19.5	17	16.2	22.0		
24.0	13	15	15.5	15	14.5	14		14.5	17	15.5	14.5	14	24.0		
26.0	12	13.5	14	13.5	12.3	12		13.5	14	13.5	12.5	11.9	26.0		
28.0	11	12.5	12	11.5	11	10.5		12.5	12.5	11.6	11	10.3	28.0		
30.0	10	11.5	10.5	10	9.5	9		11.5	11.2	10	9.6	8.9	30.0		
32.0	9.5	10	9.5	9	8	7.7		10.5	10	9.2	8.3	7.6	32.0		
34.0	8.5	9	8	7.7	7	6.6		10	9	8	7.3	6.6	34.0		
36.0	8	8	7.5	7	6	5.6		8.5	7.6	7	6.4	5.7	36.0		
38.0	7.5	7	6.5	6	5.4	4.8		8	7	6.2	5.5	4.8	38.0		
40.0	7	6.2	5.5	5	4.4	3.8		7	6.2	5.5	4.7	4.2	40.0		
42.0								6.2	5.5	5	4.1	3.5	42.0		
44.0								5.4	4.5	4.1	3.1	2.6	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 17-5 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	35									12.0		
14.0	23	26	29	32	23.5	27.5	30		21.5	24			14.0		
16.0	21	23.5	26.5	28	21.5	25	27.5		20	22.5	19		16.0		
18.0	19.5	21.5	24.5	23.2	19.5	22.5	23.5		20	22	18.5		18.0		
20.0	17.5	19	20.5	19.4	18	20.5	20		19.5	21.5	17.5	11.5	20.0		
22.0	17	18.5	17.5	16.5	17	18	17		16.5	17	17	11.1	22.0		
24.0	15.5	17	15	14.2	15.5	15.5	14.5		15.5	15	15.4	10.9	24.0		
26.0	14.5	14	13	12.1	14.5	13.5	12.5		14	13	13.3	10.6	26.0		
28.0	13	12.5	11.5	10.5	13.5	11.8	10.9		12.2	11.4	11.6	9.6	28.0		
30.0	12.5	11	10	9.1	11.5	10.3	9.4		11	9.9	10.4	8.8	30.0		
32.0	10.5	9.7	8.7	7.8	10.2	9	8.2		9.5	8.6	9.2	8	32.0		
34.0	9.4	8.6	7.6	6.8	9.2	8	7.2		8.5	7.5	8.1	7.1	34.0		
36.0	8.3	7.6	6.6	5.9	8.1	7.1	6.2		7.6	6.6	7.1	6.3	36.0		
38.0	7.5	6.8	5.9	5	7.3	6.3	5.4		6.6	5.7	6.2	5.6	38.0		
40.0	6.8	6.1	5.1	4.3	6.5	5.5	4.6		6	5	5.6	5.2	40.0		
42.0	6.2	5.4	4.4	3.6	5.8	4.8	3.9		5.3	4.3	4.8	4.7	42.0		
44.0	5.5	4.7	3.8	3	5.2	4.2	3.3		4.7	3.7	4.2	4.2	44.0		
46.0	5	4.2	3.2	2.5	4.7	3.6	2.8		4.1	3.2	3.7	3.7	46.0		
48.0	4.5	3.5	2.5	1.8	4.2	3.1	2.3		3.6	2.7	3.2	3.2	48.0		
50.0					3.5	2.7	1.7		3.2	2.2	2.7	2.7	50.0		
52.0					3	2.2	1.3		2.7	1.7	2.3	2.3	52.0		
54.0									2.3	1.4	1.9	1.9	54.0		
56.0									1.8		1.5	1.5	56.0		
58.0											1.2	1.2	58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t									25t				Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	┘	2	3	3	3	3	3	3		3	3	3	4	┘	
	└	3	3	3	3	3	3	3		3	3	3	4	└	
	┐	3	3	3	2	3	3	3		3	3	3	4	┐	
	┌	3	3	2	2	3	3	2		3	3	3	4	┌	
	└	3	2	2	2	3	2	2		3	2	3	4	└	

Table 18-1 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 64 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	160	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	155	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	149	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	138	57	96	130	135	139	41	56	85	117	126	130	4.5	
5.0	127	53.5	87	117	126	130	37	52	76	104	118	123	5.0	
6.0	99	48	74	100	100	90	30.5	44	62	85	92	90	6.0	
7.0	73	43	64	80	70.5	70	28	41	56	72	71.3	70	7.0	
8.0	59	39.5	56	59	53.5	53	26	38	52	58	56.5	55	8.0	
9.0	47	36	50	47	45.5	45	23	33	45	45.5	44.5	43.5	9.0	
10.0	40	35	42	39.5	37.5	37	22	31	39	38.5	38.3	37.4	10.0	
12.0		32.5	35	32	31	30	21.5	30	32	31.7	30.3	29.2	12.0	
14.0		28	27.5	26	25	24	20	28	27.5	27.2	25.8	24.7	14.0	
16.0							19	24	23	22.3	20.8	19.3	16.0	
18.0							17	19	19	18	17	15.3	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 18-2 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 64 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	117	28.5	33.5	39	56	91	111	5.0		
6.0	27	27.5	47	69	86	85	26	30	35	53.5	83	93	6.0		
7.0	24	24.5	44	62	70.5	68	23	26.5	31.5	50	75	73	7.0		
8.0	22	22	41	56	58	57	21.5	24.5	29	48.5	62	61.5	8.0		
9.0	20	20	37	45	47.3	46.5	19.5	22.5	26.5	46	51.8	50.7	9.0		
10.0	19	19	35	39	41	40	18	20.5	24.5	43	43.8	42.7	10.0		
12.0	18	18	33.5	32.3	33.8	32.7	16	18	21	32.5	32.3	31	12.0		
14.0	17	17	28.5	27.4	27.6	26.5	15	17	20	27.5	27.8	26.6	14.0		
16.0	16	16	24	23.2	22.2	21	14	16	19	23.9	23.2	22	16.0		
18.0	15	15	21	20	19	17.6	13	15	17.5	20.7	20	18.5	18.0		
20.0	14	14	18	17	16	14	12	14	16.5	18.5	17	15	20.0		
22.0	13	13	15.3	14.3	12.8	11.3	11	13	15	16	14.3	12.3	22.0		
24.0							10	11.5	13.5	13.5	12	10.5	24.0		
26.0							9	10	11	10.7	9.9	8.4	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 18-3 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 64 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	92							6.0		
7.0	26	31	36.5	42.5	58	79	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	66	27.5	33	38.5	44.5	47	64	8.0		
9.0	22	26	30.5	36	54	56	25.5	30.5	35.5	41	43	60.6	9.0		
10.0	20	23.5	28	33	47.5	46.5	24	28.5	33	38	40	48.2	10.0		
12.0	17	20	23.5	27.5	35	33	21	24.5	29	33.5	35	38.3	12.0		
14.0	15	17.5	21	24.5	27.8	25.8	19	22.5	26	30	31	30.4	14.0		
16.0	14	16.5	19.5	22.5	23.4	21.3	16.5	19.5	22.5	25.2	25	24.6	16.0		
18.0	13	15.5	18.5	20.8	20.7	18.7	14.5	17	20	20.7	20	20.5	18.0		
20.0	12	14.5	17	18	18	16	13.5	16	18.5	17	17.5	17	20.0		
22.0	11.5	13.5	16	15.4	15.3	13.7	12.5	15	16.5	15.2	15	14.5	22.0		
24.0	10.5	12.5	14.2	13.6	13.2	11.5	11.5	13.5	13.8	13	12.8	12.5	24.0		
26.0	9.5	11	12	11.8	11.4	9.7	10.5	12.5	12.2	11.3	11	10.7	26.0		
28.0	9	10.5	10.6	10	9.9	8.2	9.5	10.7	10	9.8	9.5	9.1	28.0		
30.0	8	9.5	8.7	8.7	8.6	6.7	9	9.7	9	8.5	8.3	7.9	30.0		
32.0	7	7.8	7.8	7.3	6.9	5.3	8	8.3	7.8	7.4	7.2	6.7	32.0		
34.0							7.5	7	6.8	6.4	6	5.6	34.0		
36.0							7	6	5.8	5.3	5	4.5	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 18-4 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 64 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	53							9.0		
10.0	26	30.5	36	38	44	50		27	33	36	41	46	10.0		
12.0	22.5	26.5	31	32.5	38	38.5		25	30.5	32.5	37	38	12.0		
14.0	20.5	24	28	29	30.5	29.8		23	28	29.5	31	29.3	14.0		
16.0	18	21	24.5	25	24	23.1		21	25	26.5	25	23.6	16.0		
18.0	16.5	19	21.5	20.8	19.6	19.6		19.5	23	21.5	20	19.5	18.0		
20.0	15	17	17.8	17.2	16.4	16		17.5	19	18	17	16.2	20.0		
22.0	13.5	15.5	15.3	14.8	14	13.5		16	16.5	15.5	14	13.5	22.0		
24.0	13	14.9	13	12.5	12	11.5		14.5	13.5	13	12	11.5	24.0		
26.0	12	12.8	11.6	11.2	10	9.8		13.5	11.5	11.2	10.2	9.7	26.0		
28.0	11	11.3	10	9.4	8.8	8.4		12.5	10	9.6	8.9	8.2	28.0		
30.0	10	9.8	8.6	8	7.6	7		10	9	8.2	7.6	7	30.0		
32.0	9.4	8.2	7.7	7.2	6.2	5.9		9	8	7.4	6.5	5.8	32.0		
34.0	8	7.4	6.5	6	5.4	4.9		8	7	6.4	5.6	4.9	34.0		
36.0	7.2	6.5	6	5.4	4.5	4.1		7	6	5.5	4.7	4	36.0		
38.0	6.5	5.6	5	4.6	3.9	3.4		6.5	5.5	4.7	4	3.3	38.0		
40.0	5.8	4.9	4.2	3.7	3.1	2.5		5.6	4.8	4.1	3.3	2.7	40.0		
42.0								4.9	4.1	3.6	2.8	2.1	42.0		
44.0								4.2	3.3	2.9	2	1.5	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 18-5 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 64 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	35									12.0		
14.0	23	26	29	29.5	23.5	27.5	30		21.5	24			14.0		
16.0	21	23.5	25	24	21.5	25	24.5		20	22.5	19		16.0		
18.0	19.5	21.5	20.5	19.5	19.5	21	20		20	20.5	18.5		18.0		
20.0	17.5	18	17.3	16.3	18	17.9	16.8		18.5	17.2	17	11.5	20.0		
22.0	17	15.7	14.5	13.7	16.5	15	14.2		14.9	14.3	15	10.9	22.0		
24.0	14	13.5	12.5	11.7	14.2	13	12		13.1	12.4	12.8	9.7	24.0		
26.0	12.5	11.7	10.5	9.8	12.7	11.2	10.2		11.7	10.7	11	8.8	26.0		
28.0	10.7	10.3	9.2	8.4	11.2	9.6	8.7		10	9.3	9.5	7.8	28.0		
30.0	9.6	9	8	7.1	9.5	8.3	7.4		9	7.9	8.4	7.2	30.0		
32.0	8.5	7.9	6.9	6	8.4	7.2	6.4		7.6	6.8	7.3	6.5	32.0		
34.0	7.5	6.9	5.9	5.1	7.5	6.3	5.5		6.8	5.8	6.4	5.6	34.0		
36.0	6.5	6	5	4.2	6.5	5.5	4.5		6	5	5.5	4.9	36.0		
38.0	6	5.3	4.3	3.5	5.8	4.7	3.8		5	4.2	4.7	4.2	38.0		
40.0	5.3	4.6	3.6	2.9	5.1	4	3.2		4.5	3.6	4.1	3.9	40.0		
42.0	4.8	4	3	2.3	4.5	3.4	2.6		3.9	3	3.5	3.4	42.0		
44.0	4.2	3.5	2.5	1.7	3.9	2.9	2		3.4	2.4	2.9	2.9	44.0		
46.0	3.8	3	2	1.2	3.4	2.4	1.5		2.9	1.9	2.4	2.4	46.0		
48.0	3.3	2.4	1.4		3	2			2.4	1.5	2	2	48.0		
50.0					2.4	1.6			2.1		1.6	1.6	50.0		
52.0					2				1.6		1.2	1.2	52.0		
54.0									1.3				54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t					Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 19-1 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 52 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	160	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	155	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	149	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	138	57	96	130	135	139	41	56	85	117	126	130	4.5	
5.0	127	53.5	87	117	126	130	37	52	76	104	118	118	5.0	
6.0	86	48	74	90	87	86	30.5	44	62	81	80	78	6.0	
7.0	63	43	64	68	61	60.5	28	41	56	62.5	61.5	60	7.0	
8.0	51	39.5	54	51	46	45.5	26	38	51	50	48.6	47	8.0	
9.0	40	36	43	40.5	39	38.5	23	33	39.5	39	38	37	9.0	
10.0	34	35	36	34	32	31.5	22	31	33.5	33	32.6	31.5	10.0	
12.0		28	30	27	26.5	25.5	21.5	28.7	27.5	27	25.5	24.5	12.0	
14.0		24	23.5	22	21	20	20	24	23.5	23	21.5	20.5	14.0	
16.0							19	20.3	19.5	18.5	17	15.6	16.0	
18.0							16.5	16	15.8	14.8	13.8	12.1	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 19-2 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 52 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	123							4.5		
5.0	31.5	32	52	80	101	108	28.5	33.5	39	56	91	108	5.0		
6.0	27	27.5	47	69	77.5	73.6	26	30	35	53.5	83	80.5	6.0		
7.0	24	24.5	44	61	61	58.6	23	26.5	31.5	50	65	63	7.0		
8.0	22	22	41	49	50	49	21.5	24.5	29	48.5	53.6	53	8.0		
9.0	20	20	37	38.8	40.6	40	19.5	22.5	26.5	45.3	44.7	43.4	9.0		
10.0	19	19	34	33.5	35.1	34	18	20.5	24.5	38.3	37.7	36.5	10.0		
12.0	18	18	28.7	27.6	28.7	27.5	16	18	21	27.8	27.5	26.2	12.0		
14.0	17	17	24.3	23.2	23.2	22	15	17	20	23.5	23.4	22.2	14.0		
16.0	16	16	20.3	19.5	18.5	17.2	14	16	19	20.2	19.5	18.1	16.0		
18.0	15	15	17.7	16.6	15.6	14.1	13	15	17.5	17.4	16.5	15	18.0		
20.0	14	14	15	14	12.9	11	12	14	15.7	15.3	14	12	20.0		
22.0	13	13	12.7	11.6	10.2	8.6	11	13	13.4	13	11.5	9.7	22.0		
24.0							10	11.5	11.2	11.1	9.5	8	24.0		
26.0							9	9.3	9	8.6	7.7	6.2	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 19-3 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 52 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	85							6.0		
7.0	26	31	36.5	42.5	58	68	31	37	43	49.5	52	68	7.0		
8.0	25	29.5	34.5	40.5	58	57	27.5	33	38.5	44.5	47	61.5	8.0		
9.0	22	26	30.5	36	49.5	48.2	25.5	30.5	35.5	41	43	52	9.0		
10.0	20	23.5	28	33	41	37.8	24	28.5	33	38	40	42	10.0		
12.0	17	20	23.5	27.5	30	28	21	24.5	29	33.5	33.8	32.7	12.0		
14.0	15	17.5	21	23.5	23.7	21.7	19	22.5	26	27	26.6	25.7	14.0		
16.0	14	16.5	19.5	19.8	19.8	17.7	16.5	19.5	22	21.3	21	20.6	16.0		
18.0	13	15.5	17.5	17.5	17.3	15.4	14.5	17	17.9	17.2	16.7	17	18.0		
20.0	12	14.5	15	15	14.9	12.9	13.5	16	15.5	14	14.4	14	20.0		
22.0	11.5	13.5	13.3	12.7	12.5	11	12.5	14	13.6	12.4	12.2	11.7	22.0		
24.0	10.5	12	11.5	11.1	10.7	9	11.5	12	11.3	10.6	10.4	9.8	24.0		
26.0	9.5	10	9.8	9.5	9	7.4	10.5	10.4	9.9	9	8.7	8.2	26.0		
28.0	9	9.1	8.4	7.9	7.8	6	9.5	8.7	8	7.7	7.3	7	28.0		
30.0	8	7.8	6.8	6.8	6.6	4.8	8.5	7.8	7	6.5	6.3	5.8	30.0		
32.0	6.7	6.2	6	5.6	5.2	3.6	7.2	6.5	6	5.6	5.4	4.9	32.0		
34.0							6.4	5.4	5.1	4.7	4.3	3.9	34.0		
36.0							5.7	4.5	4.3	3.8	3.5	3	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
r	3	2	2	2	2	1	3	2	2	2	2	2	2	r	

Table 19-4 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 52 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	46	50							9.0		
10.0	26	30.5	36	38	44	44		27	33	36	41	43	10.0		
12.0	22.5	26.5	31	32.5	33	32.7		25	30.5	32.5	33	32	12.0		
14.0	20.5	24	27.5	26.5	25.5	25		23	28	29.5	25	24.5	14.0		
16.0	18	21	21.9	21	20	19.2		21	22	21.5	20	19.5	16.0		
18.0	16.5	19	18	17.3	16.1	16		19.5	18.5	17.7	16.3	16	18.0		
20.0	15	15.8	14.8	14.1	13.4	13		17.5	15	14.9	13.9	13	20.0		
22.0	13.5	13.4	12.6	12	11.3	10.8		14	13	12.7	11.3	10.8	22.0		
24.0	12.8	12.2	10.6	10	9.5	9.1		12.2	11	10.5	9.5	9	24.0		
26.0	11.2	10.4	9.3	8.8	7.7	7.5		10.8	9.3	9	7.9	7.4	26.0		
28.0	9.7	9.2	7.9	7.3	6.7	6.2		9.3	8	7.5	6.7	6.1	28.0		
30.0	8.3	7.8	6.7	6.1	5.6	5.1		8.1	7.1	6.3	5.6	5	30.0		
32.0	7.5	6.4	5.9	5.4	4.4	4.1		7.2	6.2	5.6	4.7	4	32.0		
34.0	6.4	5.7	4.8	4.4	3.7	3.3		6.3	5.3	4.7	3.8	3.2	34.0		
36.0	5.7	4.9	4.3	3.8	3	2.5		5.4	4.5	3.9	3.2	2.5	36.0		
38.0	5	4.1	3.6	3.1	2.4	2		5	4	3.3	2.5	1.8	38.0		
40.0	4.4	3.6	2.9	2.4	1.7	1.3		4.2	3.5	2.7	1.9	1.3	40.0		
42.0								3.6	2.8	2.3	1.4		42.0		
44.0								3	2.2	1.7			44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
r	3	2	2	2	2	2		3	2	2	2	2	r		

Table 19-5 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 52 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	31.5	32									12.0		
14.0	23	26	26	24.8	23.5	26.5	25.5		21.5	24			14.0		
16.0	21	21.5	21	20	21.5	21.5	20.4		20	19.7	19		16.0		
18.0	19.5	18	17	16	18	17.5	16.5		18.2	16.9	16.5		18.0		
20.0	15.5	15	14.2	13.2	15.5	14.8	13.7		15.4	14	14	10.3	20.0		
22.0	14	13	11.8	10.9	13.4	12.3	11.4		12.3	11.5	12.2	8.9	22.0		
24.0	11.5	11	10	9.1	11.5	10.4	9.5		10.6	9.9	10.3	7.8	24.0		
26.0	10.2	9.4	8.2	7.5	10	8.9	8		9.4	8.4	8.7	7	26.0		
28.0	8.7	8.1	7	6.2	8.5	7.5	6.5		7.9	7.1	7.4	6.1	28.0		
30.0	7.6	7	6	5.1	7.5	6.3	5.5		7	6	6.4	5.5	30.0		
32.0	6.7	6.1	5.1	4.2	6.6	5.4	4.5		5.8	5	5.5	4.8	32.0		
34.0	5.8	5.2	4.2	3.4	5.7	4.6	3.7		5.1	4.1	4.6	4.1	34.0		
36.0	5	4.4	3.4	2.6	4.9	3.8	2.9		4.3	3.4	3.9	3.5	36.0		
38.0	4.5	3.7	2.8	2	4.2	3.2	2.3		3.5	2.7	3.2	2.9	38.0		
40.0	3.9	3.1	2.2	1.4	3.6	2.6	1.7		3	2.1	2.6	2.5	40.0		
42.0	3.4	2.6	1.7		3.1	2	1.2		2.5	1.6	2.1	2.1	42.0		
44.0	2.9	2.2	1.2		2.6	1.6			2.1		1.6	1.6	44.0		
46.0	2.5	1.7			2.2	1.2			1.6		1.2	1.2	46.0		
48.0	2.2	1.3			1.8				1.3				48.0		
50.0					1.3								50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t					Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 20-1 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 40 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ~	19.7	19.7	19.7	19.7	19.7 ~	24.5	24.5	24.5	24.5	24.5	24.5 ~		
3.0	160	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	155	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	149	61	106	135	139	146	46.5	62	97	129	134	139	4.0	
4.5	138	57	96	130	135	139	41	56	85	117	126	129	4.5	
5.0	115	53.5	87	115	115	114	37	52	76	103	101.5	100	5.0	
6.0	73	48	74	77	74	73	30.5	44	62	69	67.7	66	6.0	
7.0	53	43	60	57.5	51.5	50.9	28	41	54	52.8	51.8	50.2	7.0	
8.0	43	39.5	45.5	43	38.6	38	26	38	43	42	40.7	39	8.0	
9.0	33	36	36	33.8	32.5	32	23	33	33.2	32.6	31.6	30.6	9.0	
10.0	28	30.5	30	28.3	26.5	26	22	29	28	27.5	27	25.8	10.0	
12.0		23	23	22.2	21.6	20.7	21.5	23.9	22.8	22.2	20.8	19.8	12.0	
14.0		19.6	19	17.8	16.8	15.9	19.8	19.8	19.3	18.7	17.2	16	14.0	
16.0							16.7	16.6	15.8	14.8	13.4	12	16.0	
18.0							13.4	12.9	12.6	11.6	10.6	9	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t						130t						Hook	
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	r	
	r	1	2	1	1	1	1	3	2	1	1	1	1	

Table 20-2 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 40 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	120	126							4.0		
4.5	34	35	55	88	112	116.5							4.5		
5.0	31.5	32	52	80	94	91.7	28.5	33.5	39	56	91	92	5.0		
6.0	27	27.5	47	67.5	66	62.2	26	30	35	53.5	71	68	6.0		
7.0	24	24.5	44	51.8	51.5	49.2	23	26.5	31.5	50	55	53	7.0		
8.0	22	22	41	41.4	42	40.8	21.5	24.5	29	47	45.2	44.4	8.0		
9.0	20	20	34	32.6	34	33.1	19.5	22.5	26.5	38.3	37.5	36	9.0		
10.0	19	19	28.7	28	29.1	28	18	20.5	24.5	32.2	31.5	30	10.0		
12.0	18	18	24	22.9	23.6	22.3	16	18	21	23.2	22.7	21.3	12.0		
14.0	17	17	20	19	18.8	17.5	15	17	20	19.4	19.2	17.8	14.0		
16.0	16	16	16.7	15.8	14.8	13.3	14	16	17.5	16.5	15.7	14.2	16.0		
18.0	14.7	14.5	14.3	13.3	12.2	10.6	13	15	14.7	14.1	13.1	11.5	18.0		
20.0	12.6	12.4	12	11	9.9	8	12	13	12.7	12.3	10.8	9	20.0		
22.0	10.7	10.3	10	8.9	7.6	6	11	11	10.6	10.3	8.7	7	22.0		
24.0							9.5	9	8.8	8.6	7.1	5.5	24.0		
26.0							7.9	7.2	7	6.6	5.6	4	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
r	3	2	2	1	1	1	3	2	2	2	1	1	r		

Table 20-3 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 40 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	60	72							6.0		
7.0	26	31	36.5	42.5	58	57.5	31	37	43	49.5	52	64	7.0		
8.0	25	29.5	34.5	40.5	51	48	27.5	33	38.5	44.5	47	51.8	8.0		
9.0	22	26	30.5	36	41.7	40.3	25.5	30.5	35.5	41	43	43.7	9.0		
10.0	20	23.5	28	33	34.5	31.5	24	28.5	33	38	37.5	35	10.0		
12.0	17	20	23.5	25	24.9	22.9	21	24.5	29	28.5	28	27	12.0		
14.0	15	17.5	20	19.5	19.5	17.6	19	22.5	23	22.2	21.9	21	14.0		
16.0	14	16.5	16.7	16.2	16.2	14.1	16.5	18.5	18	17.3	17	16.6	16.0		
18.0	13	15	14.2	14	14	12	14.5	15	14.5	13.8	13.4	13.5	18.0		
20.0	12	13	12	12	11.9	9.9	13.5	13	12.4	11	11.4	10.9	20.0		
22.0	11.5	11.2	10.5	10	9.7	8	11.8	11.2	10.7	9.6	9.5	8.9	22.0		
24.0	9.9	9.5	9	8.6	8.2	6.4	10.2	9.5	8.8	8.1	7.9	7.3	24.0		
26.0	8.4	7.7	7.5	7.2	6.7	5.1	8.7	8.1	7.5	6.7	6.4	5.9	26.0		
28.0	7.4	7	6.3	5.9	5.7	3.9	7.4	6.6	6	5.6	5.2	4.9	28.0		
30.0	6.2	5.9	5	5	4.7	2.9	6.6	5.8	5.2	4.6	4.4	3.9	30.0		
32.0	5.1	4.6	4.3	3.9	3.5	2	5.5	4.8	4.3	3.8	3.6	3	32.0		
34.0							4.7	3.9	3.5	3.1	2.7	2.3	34.0		
36.0							4.1	3.1	2.9	2.3	2	1.5	36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 20-4 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 40 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	38	40	42	41.5							9.0		
10.0	26	30.5	36	38	37.6	36.6		27	33	36	36	35.5	10.0		
12.0	22.5	26.5	28.5	28	27.2	26.9		25	30.5	28.5	27.2	26.3	12.0		
14.0	20.5	23.5	22.7	21.7	20.8	20.3		23	22.5	22	20.4	20	14.0		
16.0	18	18.6	17.8	17	16.1	15.4		21	18	17.5	16	15.5	16.0		
18.0	16	15.5	14.5	13.9	12.7	12.6		16	15	14.2	12.9	12.5	18.0		
20.0	13.6	12.7	11.7	11.1	10.4	10		13.5	12	11.8	10.8	10	20.0		
22.0	11.4	10.6	9.9	9.3	8.6	8.1		11.2	10.2	9.9	8.6	8	22.0		
24.0	9.5	9.2	8.2	7.6	7	6.6		9.7	8.6	8	7	6.5	24.0		
26.0	8	7.8	7	6.5	5.5	5.2		8.4	7	6.7	5.7	5.2	26.0		
28.0	7.4	6.7	5.8	5.3	4.6	4.1		7	6	5.5	4.7	4	28.0		
30.0	6.3	5.7	4.8	4.2	3.7	3.2		6	5.2	4.5	3.7	3.1	30.0		
32.0	5.6	4.7	4.1	3.6	2.7	2.3		5.4	4.4	3.8	2.9	2.2	32.0		
34.0	4.7	4	3.2	2.7	2.1	1.6		4.6	3.6	3	2.2	1.6	34.0		
36.0	4.1	3.4	2.7	2.2	1.4			3.9	3	2.4	1.6		36.0		
38.0	3.5	2.7	2.1	1.6				3.5	2.5	1.8			38.0		
40.0	3	2.2	1.5					2.8	2	1.3			40.0		
42.0								2.3	1.6				42.0		
44.0								1.9					44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 20-5 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 40 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	24.5	28.5	27	26									12.0		
14.0	23	22.5	21.2	20	22	21.5	20.5		20.5	19.8			14.0		
16.0	19	17.5	17	16	18.5	17.5	16.4		16.5	15.8	15.5		16.0		
18.0	15.5	14.5	13.5	12.6	14.6	14	13		14.5	13.4	13.2		18.0		
20.0	12.5	12	11	10	12.5	11.7	10.6		12.2	10.9	11	8.1	20.0		
22.0	11	10	9	8.2	10.7	9.5	8.6		9.6	8.7	9.4	6.9	22.0		
24.0	9	8.5	7.4	6.6	9	7.9	7		8.2	7.3	7.8	5.9	24.0		
26.0	8	7.1	6	5.3	7.7	6.6	5.6		7	6.1	6.4	5.2	26.0		
28.0	6.6	6	5	4.2	6.4	5.4	4.5		5.8	5	5.3	4.4	28.0		
30.0	5.7	5	4	3.2	5.5	4.4	3.5		5	4	4.4	3.8	30.0		
32.0	4.9	4.3	3.3	2.4	4.7	3.6	2.7		4	3.2	3.6	3.2	32.0		
34.0	4.1	3.5	2.5	1.7	4	2.9	2		3.4	2.4	2.9	2.5	34.0		
36.0	3.5	2.8	1.9		3.3	2.3	1.4		2.7	1.8	2.3	2.1	36.0		
38.0	3	2.3	1.3		2.7	1.7			2.1	1.2	1.7	1.5	38.0		
40.0	2.5	1.7			2.2	1.2			1.7		1.2	1.2	40.0		
42.0	2	1.3			1.8				1.2				42.0		
44.0	1.6				1.3								44.0		
46.0	1.3												46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t								25t					Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	┘	2	3	3	3	3	3	3		3	3	3	4	┘	
	└	3	3	3	3	3	3	3		3	3	3	4	└	
	┐	3	3	3	2	3	3	3		3	3	3	4	┐	
	┌	3	3	2	2	3	3	2		3	3	3	4	┌	
	└	3	2	2	2	3	2	2		3	2	3	4	└	

Table 21-1 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 25 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^		
3.0	160	65	122	135	140	155	52	66	110	130	135	144	3.0	
3.5	155	63.5	114	135	140	155	50	65	104	130	135	144	3.5	
4.0	149	61	106	135	139	146	46.5	62	97	129	134	130	4.0	
4.5	121	57	96	120	120	119	41	56	85	104	103	101	4.5	
5.0	92	53.5	87	91	90	89	37	52	76	80.8	79.3	77.5	5.0	
6.0	56.5	48	65	60	57.5	56.5	30.5	44	54.5	53.7	52.4	50.6	6.0	
7.0	40.5	43	45.5	44.3	39.5	38.7	28	41	42	40.7	39.7	38	7.0	
8.0	32.5	35	34.9	32.8	29.3	28.7	26	33.9	33	32	30.9	29.2	8.0	
9.0	24.5	27.5	27.3	25.5	24.3	23.8	23	26	25.4	24.7	23.7	22.5	9.0	
10.0	20.5	23	22.5	21	19.6	19	22	22	21	20.6	19.9	19.7	10.0	
12.0		17	16.9	16	15.5	14.6	18.3	18	16.9	16.2	15	13.8	12.0	
14.0		14	13.6	12.5	11.7	10.8	14.7	14.6	14	13.2	12	10.6	14.0	
16.0							12.1	11.9	11	10.2	8.9	7.4	16.0	
18.0							9.5	9	8.6	7.6	6.6	5	18.0	
20.0													20.0	
22.0													22.0	
24.0													24.0	
26.0													26.0	
28.0													28.0	
30.0													30.0	
32.0													32.0	
34.0													34.0	
36.0													36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving	14	14					13						Reeving	
Hook	130t					130t						Hook		
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	J	
	J	1	1	1	1	2	1	1	1	1	2	1	J	
	J	1	1	1	2	1	1	1	1	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	1	

Table 21-2 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 25 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	95	118	117							4.0		
4.5	34	35	55	88	93.5	91							4.5		
5.0	31.5	32	52	75.5	73.7	71.5	28.5	33.5	39	56	75	72	5.0		
6.0	27	27.5	47	52.8	51.3	47.8	26	30	35	53.5	55.5	52.5	6.0		
7.0	24	24.5	41	40.2	39.7	37.4	23	26.5	31.5	44	42.6	40.5	7.0		
8.0	22	22	32.9	32	32	30.7	21.5	24.5	29	36.5	34.7	33.6	8.0		
9.0	20	20	26.2	24.8	25.6	24.6	19.5	22.5	26.5	29.5	28.5	26.9	9.0		
10.0	19	19	22	21.2	21.8	20.5	18	20.5	24.5	24.7	23	22.2	10.0		
12.0	18	18	18	17	17.2	15.8	16	18	18	17.5	16.7	15.3	12.0		
14.0	15.2	15	14.8	13.8	13.3	11.9	15	15.4	15.2	14.3	13.8	12.3	14.0		
16.0	12.7	12.5	12	11.2	10.1	8.5	13.4	12.9	12.8	12	11	9.4	16.0		
18.0	10.6	10.4	10.2	9.1	8	6.1	11.3	10.8	10.5	10	8.9	7	18.0		
20.0	8.9	8.7	8.3	7.2	6	4.2	9.4	9.1	8.8	8.5	7	5.1	20.0		
22.0	7.4	7	6.7	5.6	4.3	2.6	7.9	7.5	7.2	6.8	5.4	3.6	22.0		
24.0							6.5	6	5.7	5.5	4	2.4	24.0		
26.0							5.3	4.6	4.4	4	2.9	1.3	26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 21-3 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 25 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	46.5	58.5	56							6.0		
7.0	26	31	36.5	42.5	46.6	44.2	31	37	43	49.5	50	49	7.0		
8.0	25	29.5	34.5	39	39.4	36.6	27.5	33	38.5	41	40.8	40	8.0		
9.0	22	26	30.5	32.5	32	30.4	25.5	30.5	34	34.2	33.8	33.3	9.0		
10.0	20	23.5	27	26.8	26.3	23.5	24	28.5	29.7	29	28.5	26.3	10.0		
12.0	17	19.7	19	18.8	18.6	16.6	21	22.3	21.9	21.2	20.8	20	12.0		
14.0	15	15.2	14.8	14.4	14.3	12.4	18	18	17	16.3	15.9	15.2	14.0		
16.0	13.3	12.8	12	11.7	11.6	9.6	14.4	13.6	13	12.4	12	11.6	16.0		
18.0	11.2	10.8	10	9.8	9.8	7.7	11.5	10.8	10.3	9.6	9.3	9	18.0		
20.0	9.4	9.2	8.3	8.2	8	6	9.8	9.2	8.6	7.4	7.6	7	20.0		
22.0	8.3	7.8	7	6.6	6.4	4.5	8.3	7.7	7.2	6.3	6	5.5	22.0		
24.0	6.8	6.4	5.8	5.5	5.1	3.3	7	6.3	5.7	5	4.8	4.2	24.0		
26.0	5.6	5	4.6	4.3	3.9	2.2	5.8	5.2	4.6	3.9	3.6	3	26.0		
28.0	4.8	4.4	3.7	3.4	3.1	1.3	4.9	4.1	3.5	3	2.7	2.3	28.0		
30.0	3.8	3.5	2.8	2.6	2.3		4.1	3.4	2.8	2.3	2	1.5	30.0		
32.0	3.1	2.6	2.2	1.8	1.5		3.3	2.6	2.2	1.6	1.3		32.0		
34.0							2.7	2	1.6				34.0		
36.0							2.2	1.4					36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 21-4 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 25 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	27	32	34	33	32	31.5							9.0		
10.0	26	30.5	29.5	29	27.5	27		27	29	28.5	27	26.5	10.0		
12.0	22.5	22.5	21.3	20.8	19.7	19.2		24	22	21	20	19.2	12.0		
14.0	18	17.5	16.7	15.8	14.8	14		18	16.6	16	14.6	14.2	14.0		
16.0	14.3	13.6	12.8	12.1	11.2	10.5		14.5	13	12.5	11.2	10.6	16.0		
18.0	11.7	11.1	10	9.5	8.5	8.3		11.6	10.6	9.8	8.6	8.2	18.0		
20.0	9.7	8.9	8	7.4	6.6	6.3		9.6	8.3	7.9	7	6.2	20.0		
22.0	7.9	7.2	6.5	5.9	5.2	4.7		7.8	6.8	6.4	5.2	4.6	22.0		
24.0	6.5	6	5.2	4.6	3.9	3.4		6.5	5.6	4.9	4	3.4	24.0		
26.0	5.3	4.9	4.2	3.7	2.8	2.4		5.5	4.3	3.9	2.9	2.4	26.0		
28.0	4.7	4.1	3.3	2.7	2	1.5		4.5	3.5	2.9	2	1.4	28.0		
30.0	3.9	3.2	2.5	1.9	1.2			3.6	2.8	2.1	1.3		30.0		
32.0	3.3	2.5	1.9	1.3				3.1	2.2	1.5			32.0		
34.0	2.6	2	1.2					2.5	1.6				34.0		
36.0	2.1	1.5						1.9					36.0		
38.0	1.7							1.6					38.0		
40.0	1.2												40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

Table 21-5 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 25 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	22	21.5	20	19									12.0		
14.0	17.5	16.5	15.3	14.2	16	15.5	14.5		15	14			14.0		
16.0	13.5	12.6	11.9	11	13.3	12.2	11.3		11.8	11	11		16.0		
18.0	11.2	10.2	9.2	8.3	10.4	9.6	8.6		10.1	9	9		18.0		
20.0	8.8	8.2	7.2	6.2	8.6	7.7	6.7		8.3	7.1	7.3	5.5	20.0		
22.0	7.6	6.6	5.6	4.8	7.2	6	5.1		6.3	5.4	6	4.4	22.0		
24.0	6	5.3	4.3	3.5	5.9	4.7	3.8		5.2	4.2	4.7	3.5	24.0		
26.0	5.1	4.3	3.2	2.4	4.9	3.7	2.7		4.2	3.3	3.6	3	26.0		
28.0	4	3.4	2.4	1.6	3.8	2.8	1.9		3.2	2.3	2.7	2.2	28.0		
30.0	3.3	2.6	1.6		3.1	2			2.5	1.5	2	1.7	30.0		
32.0	2.7	2			2.5	1.3			1.8		1.3	1.2	32.0		
34.0	2	1.4			1.9				1.3				34.0		
36.0	1.5				1.4								36.0		
38.0	1.2												38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t				Hook		
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 22-1 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	14.9 ^	19.7	19.7	19.7	19.7	19.7 ^	24.5	24.5	24.5	24.5	24.5	24.5 ^			
3.0	160	65	122	135	140	155	52	66	110	130	135	144	3.0		
3.5	155	63.5	114	135	140	155	50	65	104	130	135	130	3.5		
4.0	118	61	106	115	114	112	46.5	62	97	104	102	99	4.0		
4.5	87.5	57	88	87.5	87	86	41	56	77	76	74.6	72.4	4.5		
5.0	66	53.5	68.5	65.8	64.8	63.7	37	52	60	58.5	57	55	5.0		
6.0	40	47	46.6	42.8	40.7	39.7	30.5	40	39.3	38.4	37	35.2	6.0		
7.0	28	32.8	32	31	27.5	26.7	28	30.5	29.9	28.6	27.6	25.9	7.0		
8.0	22	24.4	24.2	22.5	19.9	19.3	24	24	23.2	22	21	19.3	8.0		
9.0	16	18.9	18.6	17.2	16.2	15.6	18.6	18.2	17.5	16.7	15.7	14.4	9.0		
10.0	13	15.5	15	13.8	12.7	12	15.7	15.1	14.2	13.7	12.8	12.2	10.0		
12.0		11	10.8	10	9.4	8.6	12.4	12	11	10.2	9	7.7	12.0		
14.0		8.5	8.1	7.2	6.5	5.7	9.6	9.4	8.7	7.8	6.6	5.2	14.0		
16.0							7.6	7.3	6.4	5.5	4.3	2.8	16.0		
18.0							5.6	5.2	4.6	3.6	2.6		18.0		
20.0													20.0		
22.0													22.0		
24.0													24.0		
26.0													26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	14	14					13						Reeving		
Hook	130t					130t						Hook			
Telescoping mode	φ	1	1	1	1	1	1	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	1	2	1	1	1	1	2	2	J	
	J	1	1	1	1	2	1	1	1	1	2	2	1	J	
	J	1	1	1	2	1	1	1	1	2	2	1	1	J	
	r	1	1	2	1	1	1	1	2	2	1	1	1	r	
r	1	2	1	1	1	1	3	2	1	1	1	1	1	r	

Table 22-2 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	29.3	29.3	29.3	29.3	29.3	29.3 ^	34.1	34.1	34.1	34.1	34.1	34.1 ^			
3.0													3.0		
3.5													3.5		
4.0	37	38	58	90	86.5	85							4.0		
4.5	34	35	55	70	68.2	65.5							4.5		
5.0	31.5	32	52	55	53.3	51	28.5	33.5	39	56	54.5	52	5.0		
6.0	27	27.5	39.5	38	36.6	33.5	26	30	35	41.5	40	37.2	6.0		
7.0	24	24.5	29.6	28.6	27.8	25.6	23	26.5	31.5	31.7	30.2	28	7.0		
8.0	22	22	23.4	22.4	22	20.5	21.5	24.5	26.4	25.9	24.2	22.8	8.0		
9.0	19	18.8	18.4	17	17.3	16	19.5	21	21.2	20.7	19.6	17.9	9.0		
10.0	16.2	15.9	15.2	14.4	14.4	13	18	17.5	17.5	17	15.5	14.3	10.0		
12.0	12.6	12.5	12.1	11	10.8	9.2	13.5	12.7	12.2	11.7	10.8	9.2	12.0		
14.0	10	9.9	9.7	8.6	7.7	6.2	10.8	10.2	9.9	9.2	8.4	6.9	14.0		
16.0	8.1	7.9	7.4	6.5	5.3	3.6	8.8	8.2	8.1	7.4	6.3	4.6	16.0		
18.0	6.5	6.3	6	4.9	3.5	1.8	7.2	6.6	6.3	5.9	4.5	2.8	18.0		
20.0	5.2	4.9	4.6	3.5	2.1		5.7	5.3	5	4.6	3.1	1.3	20.0		
22.0	4.1	3.7	3.4	2.3			4.6	4.1	3.8	3.4	2		22.0		
24.0							3.5	3	2.7	2.4			24.0		
26.0							2.6	2.1	1.8	1.4			26.0		
28.0													28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	11						9						Reeving		
Hook	130t						130t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	1	2	2	J	
	J	1	1	1	2	2	2	1	1	1	2	2	2	J	
	J	1	1	2	2	2	1	1	2	3	2	2	2	J	
	r	2	3	2	2	1	1	3	3	2	2	2	1	r	
	r	3	2	2	1	1	1	3	2	2	2	1	1	r	

Table 22-3 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	38.9	38.9	38.9	38.9	38.9	38.9 ^	43.7	43.7	43.7	43.7	43.7	43.7 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0	28.5	34	40	43	42.5	40							6.0		
7.0	26	31	34	34	33.4	31	31	37	37	36	35.5	34.5	7.0		
8.0	25	29.5	28.8	27.7	27.8	25.3	27.5	30	30	29	28.5	27.7	8.0		
9.0	22	23.5	22.9	22.8	22.3	20.6	25.5	25	24	23.8	23.3	22.6	9.0		
10.0	20	19.2	18.8	18.6	18.1	15.5	22	21	20.6	19.9	19.4	18.3	10.0		
12.0	14	13.5	12.8	12.6	12.3	10.5	16.2	15	14.7	14.1	13.3	12.8	12.0		
14.0	10.7	10.1	9.7	9.2	9.1	7.2	12.2	11.5	10.8	10.3	10	9.3	14.0		
16.0	8.7	8.2	7.5	7.2	7	5.1	9.5	8.6	8	7.5	7	6.6	16.0		
18.0	7.1	6.7	5.9	5.7	5.4	3.6	7.3	6.6	6	5.4	5	4.7	18.0		
20.0	5.7	5.4	4.6	4.4	4.1	2.3	6	5.3	4.7	3.9	3.8	3.2	20.0		
22.0	4.8	4.2	3.6	3.2	2.9		4.7	4	3.4	2.9	2.6	2	22.0		
24.0	3.7	3.2	2.7	2.3	2		3.9	3.1	2.6	1.9	1.7		24.0		
26.0	2.8	2.4	1.8	1.5			3	2.3	1.7				26.0		
28.0	2.2	1.8					2.3	1.6					28.0		
30.0	1.5	1.2					1.7						30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	8						6						Reeving		
Hook	130t						80t						Hook		
Telescoping mode	φ	1	1	1	1	1	2	1	1	1	1	1	2	φ	Telescoping mode
	J	1	1	1	1	2	2	1	1	1	2	3	2	J	
	J	1	1	2	3	2	2	1	2	3	3	2	2	J	
	J	2	3	3	2	2	2	3	3	3	2	2	2	J	
	r	3	3	2	2	2	2	3	3	2	2	2	2	r	
	r	3	2	2	2	2	1	3	2	2	2	2	2	r	

Table 22-4 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	25.5	24.5	23.5	22.5	22	21.5							9.0		
10.0	22	21	20	19.5	18.5	17.9		21.5	20	19.5	18	17.5	10.0		
12.0	16.2	15.3	14.2	13.6	12.6	12.2		15.5	14.8	13.9	12.9	12	12.0		
14.0	12	11.5	10.7	10	9	8.2		12	10.8	10.1	8.9	8.3	14.0		
16.0	9.4	8.6	7.8	7.2	6.3	5.7		9.2	8.2	7.5	6.3	5.6	16.0		
18.0	7.4	6.7	5.8	5.2	4.3	4		7.2	6.3	5.5	4.4	3.8	18.0		
20.0	5.9	5	4.2	3.7	3	2.5		5.7	4.6	4	3.1	2.3	20.0		
22.0	4.5	3.8	3.1	2.5	1.8	1.3		4.4	3.5	2.9	1.9	1.2	22.0		
24.0	3.5	3	2.1	1.6				3.5	2.5	1.9			24.0		
26.0	2.6	2.1	1.4					2.7	1.7				26.0		
28.0	2.1	1.5						1.9					28.0		
30.0	1.5							1.3					30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
	r	3	2	2	2	2	2		3	2	2	2	2	r	

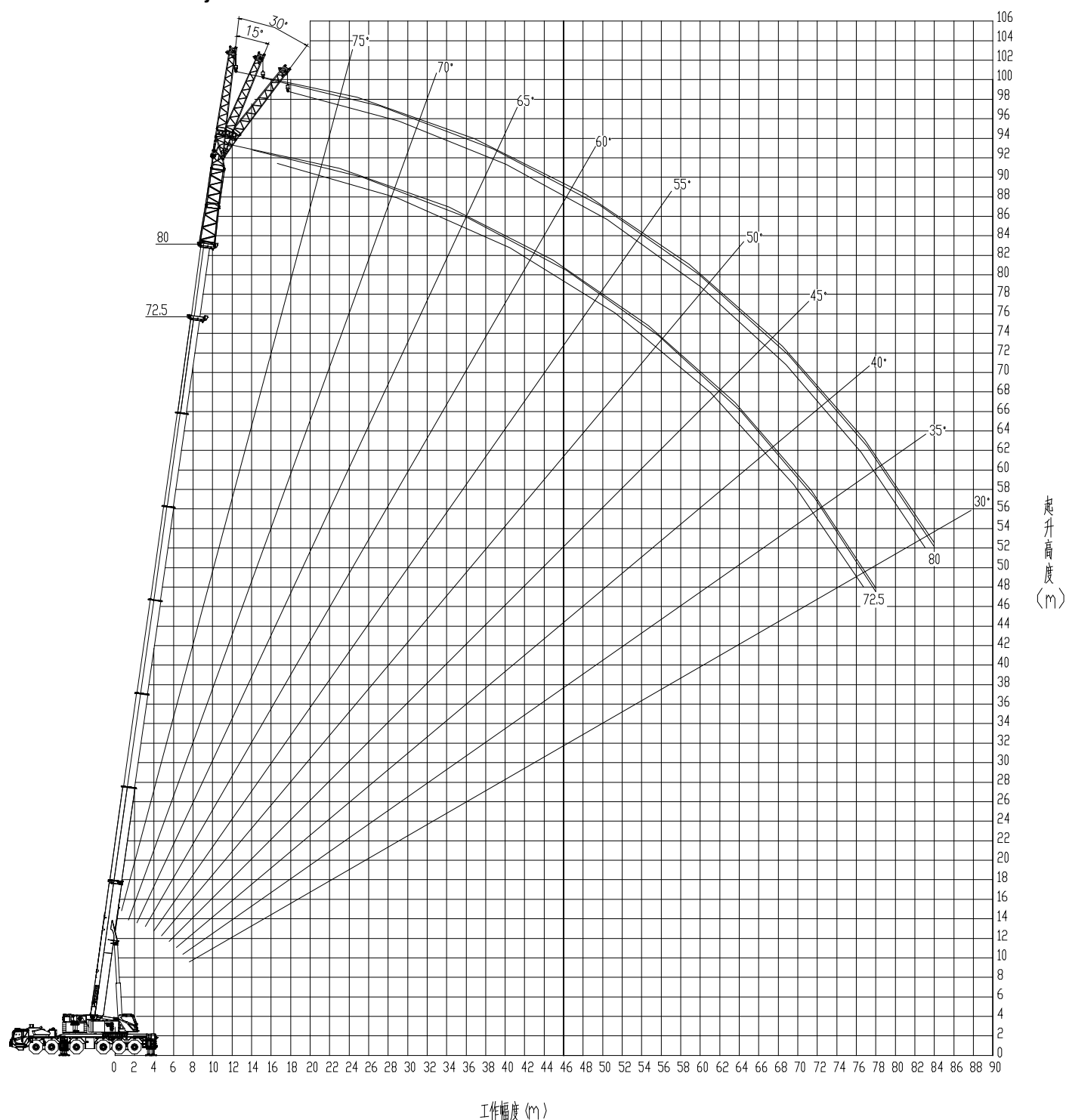
Table 22-5 Main boom

Unit: t

Outriggers intermediately extended 5.5 m, with 10 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0													9.0		
10.0													10.0		
12.0	15	14.4	13	12									12.0		
14.0	11.6	10.6	9.5	8.4	10.5	9.7	8.7		9.6	8.6			14.0		
16.0	8.7	7.7	6.8	6	8.4	7.3	6.3		7.2	6.3	6.5		16.0		
18.0	6.9	5.9	4.8	4	6.2	5.3	4.3		5.8	4.7	5		18.0		
20.0	5.1	4.4	3.4	2.4	4.9	3.8	2.9		4.3	3.3	3.7		20.0		
22.0	4.1	3.2	2.2	1.4	3.8	2.6	1.7		3	2	2.6		22.0		
24.0	3	2.3	1.3		2.8	1.7			2.1	1.2	1.7		24.0		
26.0	2.3	1.4			2				1.4				26.0		
28.0	1.6				1.2								28.0		
30.0													30.0		
32.0													32.0		
34.0													34.0		
36.0													36.0		
38.0													38.0		
40.0													40.0		
42.0													42.0		
44.0													44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3					3		2	2	Reeving	
Hook	40t								25t					Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Lifting capacity tables / Lifting height charts

Main boom + 20m jib OM

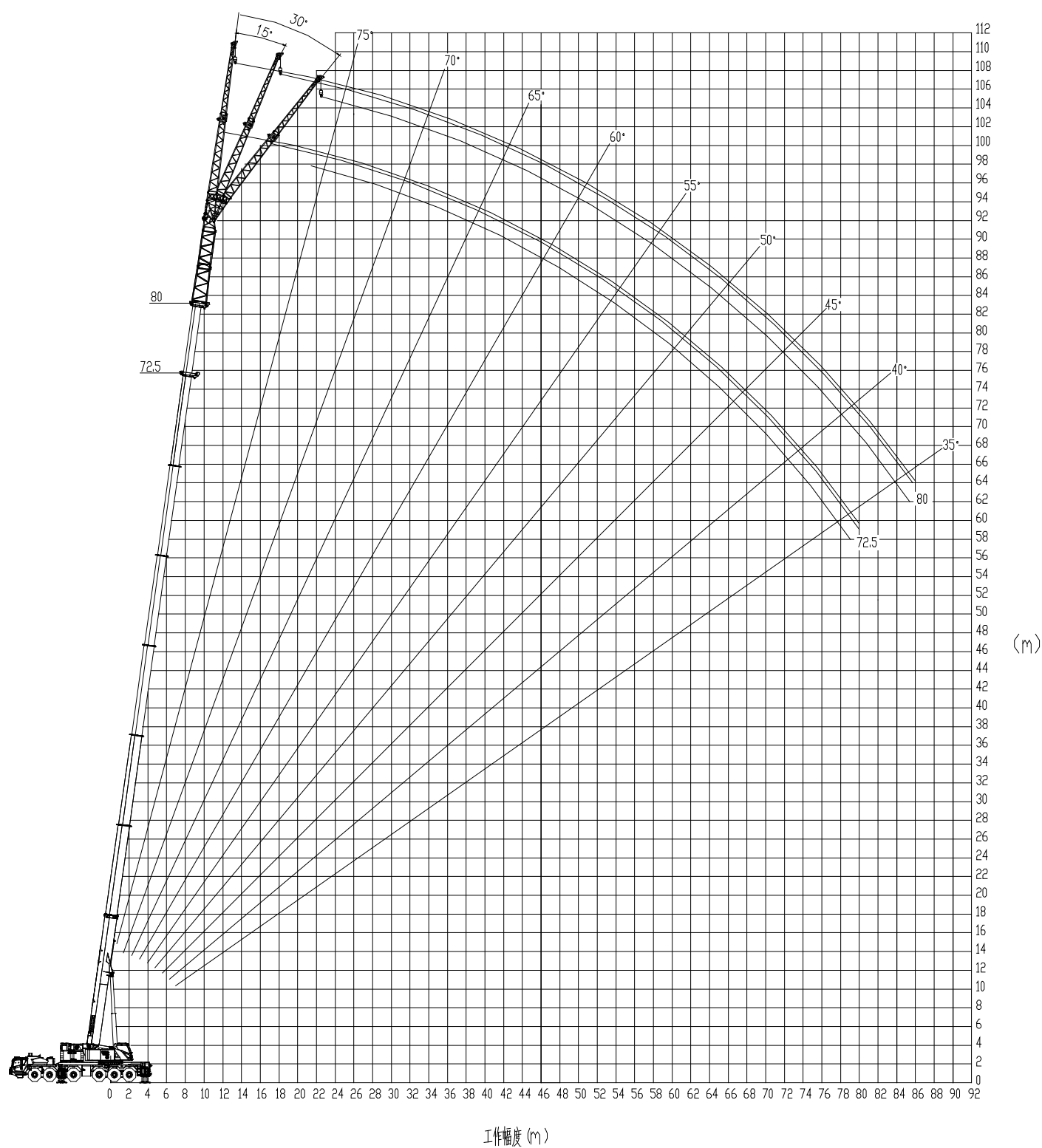


起升高度(m): Lifting height (m)

工作幅度(m): Working radius (m)

Lifting capacity tables / Lifting height charts

Main boom + 28m jib OM



Lifting capacity tables / Lifting height charts

Main boom + 37.5m jib OM

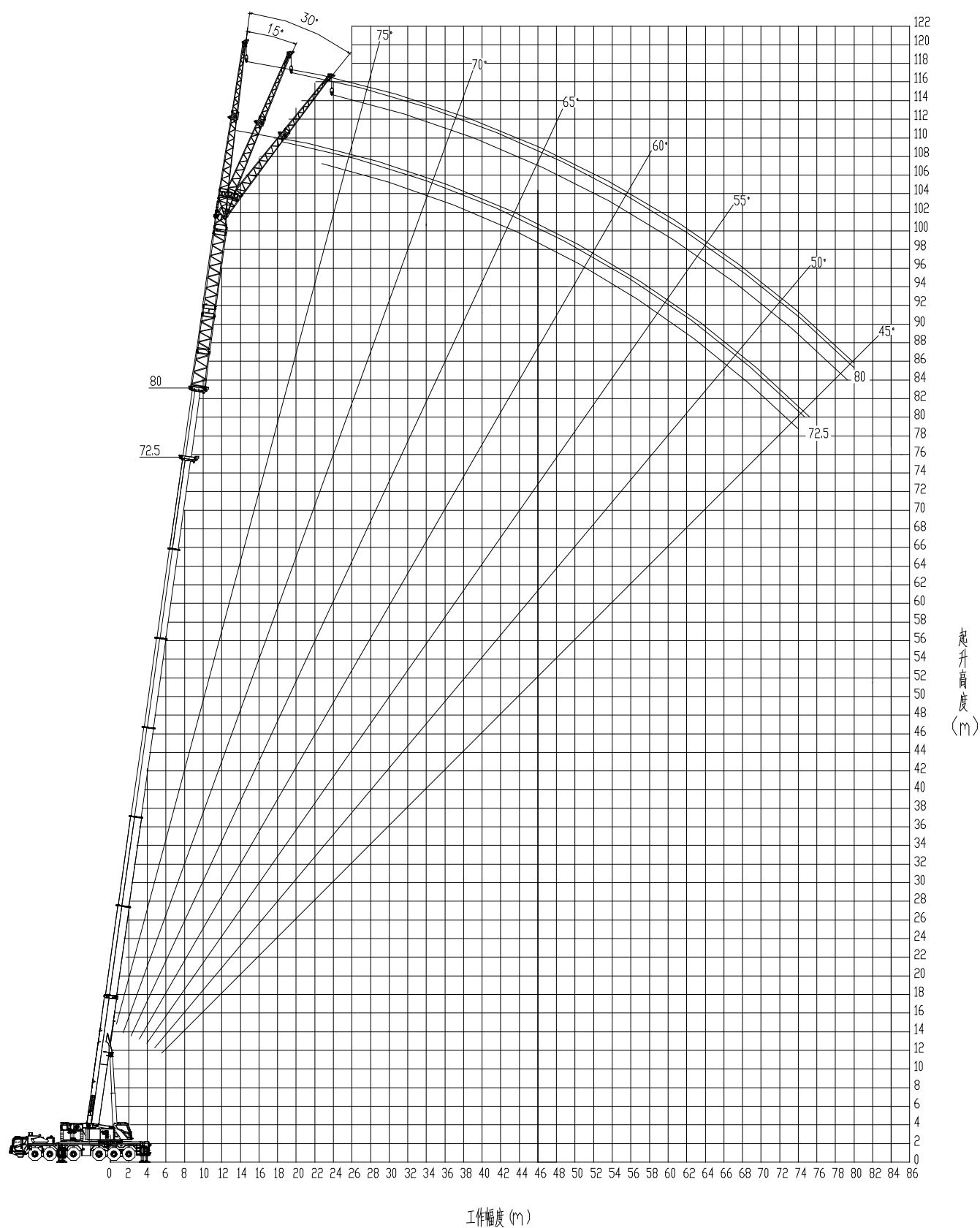


Table 23 Main boom + Jib

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																	Working radius (m)			
	72.5			80.0			72.5			80.0			72.5			80.0					
	20.0			20.0			28.0			28.0			37.5			37.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°		30°		
24.0	8.2																		24.0		
26.0	8	6.8					5.8												26.0		
28.0	7.7	6.6	6	6.2			5.5												28.0		
30.0	7.5	6.5	5.8	6.2	5.6		5.3	4.3		4.8			3.8						30.0		
32.0	7.4	6.4	5.7	6.1	5.6	5.1	5.1	4.1	3.5	4.7			3.8						32.0		
34.0	7.2	6.2	5.6	6	5.5	5	4.9	4	3.4	4.5	3.8		3.7	3.4					34.0		
36.0	7.1	6	5.4	5.9	5.4	4.9	4.8	3.8	3.4	4.3	3.7	3.2	3.7	3.3	2.9	3.2			36.0		
38.0	6.9	5.8	5.2	5.8	5.3	4.8	4.7	3.7	3.3	4.2	3.6	3.1	3.6	3.2	2.8	3.2			38.0		
40.0	6.7	5.7	5.1	5.7	5.1	4.7	4.5	3.6	3.2	4.1	3.4	3.1	3.6	3.2	2.8	3.2			40.0		
42.0	6.5	5.6	5	5.6	5	4.6	4.4	3.5	3.1	4	3.4	3	3.6	3.1	2.7	3.1			42.0		
44.0	6.2	5.4	4.9	5.5	4.9	4.5	4.2	3.5	3	3.9	3.3	2.9	3.6	3	2.7	3.1			44.0		
46.0	5.8	5.3	4.8	5.3	4.7	4.3	4	3.4	2.9	3.8	3.1	2.8	3.4	2.8	2.6	3			46.0		
48.0	5.5	5.1	4.7	5.1	4.6	4.2	3.9	3.3	2.8	3.6	3	2.7	3.3	2.8	2.5	3			48.0		
50.0	5.2	5	4.5	4.8	4.5	4.2	3.8	3.2	2.8	3.5	2.9	2.6	3.1	2.7	2.4	3			50.0		
52.0	5	4.8	4.4	4.5	4.3	4.1	3.7	3.1	2.7	3.4	2.8	2.6	3	2.6	2.4	2.9			52.0		
54.0	4.8	4.6	4.3	4.3	4.1	4	3.5	3	2.7	3.3	2.8	2.5	2.9	2.5	2.3	2.8			54.0		
56.0	4.5	4.3	4.2	4.1	3.9	3.8	3.4	2.9	2.6	3.2	2.7	2.5	2.8	2.4	2.2	2.7			56.0		
58.0	4.3	4.2	4.1	3.9	3.7	3.6	3.3	2.8	2.6	3.1	2.6	2.4	2.7	2.4	2.1	2.6			58.0		
60.0	4.1	4	3.8	3.7	3.6	3.5	3.2	2.7	2.5	3	2.5	2.3	2.6	2.3	2.1	2.5			60.0		
62.0	3.9	3.8	3.7	3.4	3.4	3.3	3.1	2.6	2.4	2.9	2.4	2.2	2.5	2.2	2	2.4			62.0		
64.0	3.6	3.5	3.4	3.2	3.2	3.1	3	2.5	2.3	2.8	2.3	2.2	2.3	2.1	2	2.2			64.0		
66.0	3.4	3.3	3.3	3	3	3	2.9	2.4	2.3	2.7	2.3	2.1	2.1	2	1.9	2.1			66.0		
68.0	3.2	3.1	3.1	2.8	2.8	2.8	2.8	2.4	2.2	2.6	2.2	2.1	2.1	1.9	1.8	2			68.0		
70.0	2.9	2.8	2.8	2.6	2.6	2.6	2.7	2.3	2.2	2.3	2.1	2	2	1.8	1.7	1.9			70.0		
72.0	2.6	2.5	2.5	2.3	2.3	2.3	2.4	2.2	2.2	2.2	2.1	1.9	1.8	1.7	1.7	1.7			72.0		
74.0	2.4	2.3	2.3	2.1	2.1	2.1	2.2	2.2	2.1	2	2	1.9	1.7	1.6	1.6	1.6			74.0		
76.0	2.2	2.1		1.9	1.9	1.9	2	2	2	1.8	1.8	1.8	1.6	1.5	1.5	1.5			76.0		
78.0	1.9	1.8		1.7	1.7	1.7	1.8	1.8	1.7	1.6	1.6	1.6	1.4	1.4	1.4	1.3			78.0		
80.0	1.7			1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.1			80.0		
82.0	1.5			1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.1	1.1	1.1				82.0		
84.0	1.3			1.1	1.1		1.2	1.2		1.1	1.1	1.1							84.0		
86.0							1.1	1.1											86.0		
88.0																			88.0		
Reeving	1																	Reeving			
Hook	12t																	Hook			
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

20 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I28 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I + jib section II37.5 m jib: 4 m transition section + 1st heavy-duty jib section + 1 m conversion section + 8 m heavy-duty jib + 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

Table 24 Main boom + Jib

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	20.0			20.0			28.0			28.0			37.5			37.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
24.0	8.2																		24.0		
26.0	8	6.8					5.8												26.0		
28.0	7.7	6.6	6	6.2			5.5												28.0		
30.0	7.5	6.5	5.8	6.2	5.6		5.3	4.3		4.8			3.8						30.0		
32.0	7.4	6.4	5.7	6.1	5.6	5.1	5.1	4.1	3.5	4.7			3.8						32.0		
34.0	7.2	6.2	5.6	6	5.5	5	4.9	4	3.4	4.5	3.8		3.7	3.4					34.0		
36.0	7.1	6	5.4	5.9	5.4	4.9	4.8	3.8	3.4	4.3	3.7	3.2	3.7	3.3	2.9	3.2			36.0		
38.0	6.9	5.8	5.2	5.8	5.3	4.8	4.7	3.7	3.3	4.2	3.6	3.1	3.6	3.2	2.8	3.2			38.0		
40.0	6.7	5.7	5.1	5.7	5.1	4.7	4.5	3.6	3.2	4.1	3.4	3.1	3.6	3.2	2.8	3.2			40.0		
42.0	6.5	5.6	5	5.6	5	4.6	4.4	3.5	3.1	4	3.4	3	3.6	3.1	2.7	3.1			42.0		
44.0	6.2	5.4	4.9	5.5	4.9	4.5	4.2	3.5	3	3.9	3.3	2.9	3.6	3	2.7	3.1			44.0		
46.0	5.8	5.3	4.8	5.3	4.7	4.3	4	3.4	2.9	3.8	3.1	2.8	3.4	2.8	2.6	3			46.0		
48.0	5.5	5.1	4.7	5.1	4.6	4.2	3.9	3.3	2.8	3.6	3	2.7	3.3	2.8	2.5	3			48.0		
50.0	5.2	5	4.5	4.8	4.5	4.2	3.8	3.2	2.8	3.5	2.9	2.6	3.1	2.7	2.4	3			50.0		
52.0	5	4.8	4.4	4.5	4.3	4.1	3.7	3.1	2.7	3.4	2.8	2.6	3	2.6	2.4	2.9			52.0		
54.0	4.8	4.6	4.3	4.3	4.1	4	3.5	3	2.7	3.3	2.8	2.5	2.9	2.5	2.3	2.8			54.0		
56.0	4.5	4.3	4.2	4.1	3.9	3.8	3.4	2.9	2.6	3.2	2.7	2.5	2.8	2.4	2.2	2.7			56.0		
58.0	4.3	4.2	4.1	3.9	3.7	3.6	3.3	2.8	2.6	3.1	2.6	2.4	2.7	2.4	2.1	2.6			58.0		
60.0	4.1	4	3.8	3.7	3.6	3.5	3.2	2.7	2.5	3	2.5	2.3	2.6	2.3	2.1	2.5			60.0		
62.0	3.9	3.8	3.7	3.4	3.4	3.3	3.1	2.6	2.4	2.9	2.4	2.2	2.5	2.2	2	2.4			62.0		
64.0	3.6	3.5	3.4	3.2	3.2	3.1	3	2.5	2.3	2.8	2.3	2.2	2.3	2.1	2	2.2			64.0		
66.0	3.4	3.3	3.3	3	3	3	2.9	2.4	2.3	2.7	2.3	2.1	2.1	2	1.9	2.1			66.0		
68.0	3.2	3.1	3.1	2.8	2.8	2.8	2.8	2.4	2.2	2.6	2.2	2.1	2.1	1.9	1.8	2			68.0		
70.0	2.9	2.8	2.8	2.6	2.6	2.6	2.7	2.3	2.2	2.3	2.1	2	2	1.8	1.7	1.9			70.0		
72.0	2.6	2.5	2.5	2.3	2.3	2.3	2.4	2.2	2.2	2.2	2.1	1.9	1.8	1.7	1.7	1.7			72.0		
74.0	2.4	2.3	2.3	2.1	2.1	2.1	2.2	2.2	2.1	2	2	1.9	1.7	1.6	1.6	1.6			74.0		
76.0	2.2	2.1		1.9	1.9	1.9	2	2	2	1.8	1.8	1.8	1.6	1.5	1.5	1.5			76.0		
78.0	1.7	1.7		1.7	1.7	1.7	1.8	1.8	1.7	1.6	1.6	1.6	1.4	1.4	1.4	1.3			78.0		
80.0	1.5			1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.1			80.0		
82.0	1.3			1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.1	1.1	1.1				82.0		
84.0					1.1	1.1	1.2	1.2		1.1	1.1	1.1							84.0		
86.0							1.1	1.1											86.0		
88.0																			88.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

20 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I28 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I+ jib section II37.5 m jib: 4 m transition section + 1st heavy-duty jib section + 1 m conversion section + 8 m heavy-duty jib + 0.5 m conversion section+ adaptor I + adaptor II + jib section I+ jib section II

Table 25 Main boom + Jib

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	20.0			20.0			28.0			28.0			37.5			37.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
24.0	8.2																		24.0		
26.0	8	6.8					5.8												26.0		
28.0	7.7	6.6	6	6.2			5.5												28.0		
30.0	7.5	6.5	5.8	6.2	5.6		5.3	4.3		4.8			3.8						30.0		
32.0	7.4	6.4	5.7	6.1	5.6	5.1	5.1	4.1	3.5	4.7			3.8						32.0		
34.0	7.2	6.2	5.6	6	5.5	5	4.9	4	3.4	4.5	3.8		3.7	3.4					34.0		
36.0	7.1	6	5.4	5.9	5.4	4.9	4.8	3.8	3.4	4.3	3.7	3.2	3.7	3.3	2.9	3.2			36.0		
38.0	6.9	5.8	5.2	5.8	5.3	4.8	4.7	3.7	3.3	4.2	3.6	3.1	3.6	3.2	2.8	3.2			38.0		
40.0	6.7	5.7	5.1	5.7	5.1	4.7	4.5	3.6	3.2	4.1	3.4	3.1	3.6	3.2	2.8	3.2			40.0		
42.0	6.5	5.6	5	5.6	5	4.6	4.4	3.5	3.1	4	3.4	3	3.6	3.1	2.7	3.1			42.0		
44.0	6.2	5.4	4.9	5.5	4.9	4.5	4.2	3.5	3	3.9	3.3	2.9	3.6	3	2.7	3.1			44.0		
46.0	5.8	5.3	4.8	5.3	4.7	4.3	4	3.4	2.9	3.8	3.1	2.8	3.4	2.8	2.6	3			46.0		
48.0	5.5	5.1	4.7	5.1	4.6	4.2	3.9	3.3	2.8	3.6	3	2.7	3.3	2.8	2.5	3			48.0		
50.0	5.2	5	4.5	4.8	4.5	4.2	3.8	3.2	2.8	3.5	2.9	2.6	3.1	2.7	2.4	3			50.0		
52.0	5	4.8	4.4	4.5	4.3	4.1	3.7	3.1	2.7	3.4	2.8	2.6	3	2.6	2.4	2.9			52.0		
54.0	4.8	4.6	4.3	4.3	4.1	4	3.5	3	2.7	3.3	2.8	2.5	2.9	2.5	2.3	2.8			54.0		
56.0	4.5	4.3	4.2	4.1	3.9	3.8	3.4	2.9	2.6	3.2	2.7	2.5	2.8	2.4	2.2	2.7			56.0		
58.0	4.3	4.2	4.1	3.9	3.7	3.6	3.3	2.8	2.6	3.1	2.6	2.4	2.7	2.4	2.1	2.6			58.0		
60.0	3.9	4	3.8	3.7	3.6	3.5	3.2	2.7	2.5	3	2.5	2.3	2.6	2.3	2.1	2.5			60.0		
62.0	3.5	3.5	3.7	3.3	3.4	3.3	3.1	2.6	2.4	2.9	2.4	2.2	2.5	2.2	2	2.4			62.0		
64.0	3.1	3.1	3.2	3	3.1	3.1	3	2.5	2.3	2.8	2.3	2.2	2.3	2.1	2	2.2			64.0		
66.0	2.8	2.8	2.9	2.6	2.8	2.9	2.9	2.4	2.3	2.7	2.3	2.1	2.1	2	1.9	2.1			66.0		
68.0	2.4	2.4	2.5	2.3	2.4	2.6	2.8	2.4	2.2	2.6	2.2	2.1	2.1	1.9	1.8	2			68.0		
70.0	2.1	2.1	2.2	2	2.1	2.2	2.5	2.3	2.2	2.3	2.1	2	2	1.8	1.7	1.9			70.0		
72.0	1.8	1.8	1.9	1.7	1.8	1.9	2.2	2.2	2.2	2.1	2.1	1.9	1.8	1.7	1.7	1.7			72.0		
74.0	1.5	1.5		1.4	1.5	1.6	1.9	2.1	2.1	1.8	2	1.9	1.7	1.6	1.6	1.6			74.0		
76.0	1.2	1.2			1.3	1.3	1.6	1.8	1.9	1.5	1.7	1.8	1.5	1.5	1.5	1.5			76.0		
78.0							1.4	1.6	1.6	1.3	1.5	1.5	1.3	1.4	1.4	1.2			78.0		
80.0								1.3	1.3		1.2	1.3		1.2	1.2				80.0		
82.0																			82.0		
84.0																			84.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

20 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I28 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I + jib section II37.5 m jib: 4 m transition section + 1st heavy-duty jib section + 1 m conversion section + 8 m heavy-duty jib + 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

Table 26 Main boom + Jib

Unit: t

Outriggers completely extended 8.3 m, with 64 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	20.0			20.0			28.0			28.0			37.5			37.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
24.0	8.2																		24.0		
26.0	8	6.8					5.8												26.0		
28.0	7.7	6.6	6	6.2			5.5												28.0		
30.0	7.5	6.5	5.8	6.2	5.6		5.3	4.3		4.8			3.8						30.0		
32.0	7.4	6.4	5.7	6.1	5.6	5.1	5.1	4.1	3.5	4.7			3.8						32.0		
34.0	7.2	6.2	5.6	6	5.5	5	4.9	4	3.4	4.5	3.8		3.7	3.4					34.0		
36.0	7.1	6	5.4	5.9	5.4	4.9	4.8	3.8	3.4	4.3	3.7	3.2	3.7	3.3	2.9	3.2			36.0		
38.0	6.9	5.8	5.2	5.8	5.3	4.8	4.7	3.7	3.3	4.2	3.6	3.1	3.6	3.2	2.8	3.2			38.0		
40.0	6.7	5.7	5.1	5.7	5.1	4.7	4.5	3.6	3.2	4.1	3.4	3.1	3.6	3.2	2.8	3.2			40.0		
42.0	6.5	5.6	5	5.6	5	4.6	4.4	3.5	3.1	4	3.4	3	3.6	3.1	2.7	3.1			42.0		
44.0	6.2	5.4	4.9	5.5	4.9	4.5	4.2	3.5	3	3.9	3.3	2.9	3.6	3	2.7	3.1			44.0		
46.0	5.8	5.3	4.8	5.3	4.7	4.3	4	3.4	2.9	3.8	3.1	2.8	3.4	2.8	2.6	3			46.0		
48.0	5.5	5.1	4.7	5.1	4.6	4.2	3.9	3.3	2.8	3.6	3	2.7	3.3	2.8	2.5	3			48.0		
50.0	5.2	5	4.5	4.8	4.5	4.2	3.8	3.2	2.8	3.5	2.9	2.6	3.1	2.7	2.4	3			50.0		
52.0	4.5	4.8	4.4	4.5	4.3	4.1	3.7	3.1	2.7	3.4	2.8	2.6	3	2.6	2.4	2.9			52.0		
54.0	4	4.2	4.3	3.9	4.1	4	3.5	3	2.7	3.3	2.8	2.5	2.9	2.5	2.3	2.8			54.0		
56.0	3.5	3.7	3.9	3.5	3.7	3.8	3.4	2.9	2.6	3.2	2.7	2.5	2.8	2.4	2.2	2.7			56.0		
58.0	3.1	3.3	3.5	3	3.3	3.4	3.3	2.8	2.6	3.1	2.6	2.4	2.7	2.4	2.1	2.6			58.0		
60.0	2.7	2.9	3	2.6	2.9	3	3.2	2.7	2.5	3	2.5	2.3	2.6	2.3	2.1	2.5			60.0		
62.0	2.3	2.5	2.6	2.3	2.5	2.6	3.1	2.6	2.4	2.9	2.4	2.2	2.5	2.2	2	2.4			62.0		
64.0	2	2.1	2.2	1.9	2.1	2.3	2.5	2.5	2.3	2.4	2.3	2.2	2.3	2.1	2	2.2			64.0		
66.0	1.7	1.8	1.9	1.6	1.8	1.9	2.1	2.4	2.3	2.1	2.3	2.1	2	2	1.9	2			66.0		
68.0	1.4	1.5	1.6	1.3	1.5	1.6	1.8	2.1	2.2	1.8	2.1	2.1	1.8	1.9	1.8	1.7			68.0		
70.0		1.2	1.3		1.2	1.3	1.5	1.8	2	1.5	1.8	2	1.5	1.7	1.7	1.4			70.0		
72.0							1.2	1.5	1.6	1.1	1.5	1.7	1.2	1.5	1.6	1.1			72.0		
74.0								1.2	1.3		1.2	1.4		1.3	1.4				74.0		
76.0									1.1			1.1			1.2				76.0		
78.0																			78.0		
80.0																			80.0		
82.0																			82.0		
84.0																			84.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

20 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I28 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I + jib section II37.5 m jib: 4 m transition section + 1st heavy-duty jib section + 1 m conversion section + 8 m heavy-duty jib + 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

Table 27 Main boom + Jib

Unit: t

Outriggers completely extended 8.3 m, with 52 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	20.0			20.0			28.0			28.0			37.5			37.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
24.0	8.2																		24.0		
26.0	8	6.8					5.8												26.0		
28.0	7.7	6.6	6	6.2			5.5												28.0		
30.0	7.5	6.5	5.8	6.2	5.6		5.3	4.3		4.8			3.8						30.0		
32.0	7.4	6.4	5.7	6.1	5.6	5.1	5.1	4.1	3.5	4.7			3.8						32.0		
34.0	7.2	6.2	5.6	6	5.5	5	4.9	4	3.4	4.5	3.8		3.7	3.4					34.0		
36.0	7.1	6	5.4	5.9	5.4	4.9	4.8	3.8	3.4	4.3	3.7	3.2	3.7	3.3	2.9	3.2			36.0		
38.0	6.9	5.8	5.2	5.8	5.3	4.8	4.7	3.7	3.3	4.2	3.6	3.1	3.6	3.2	2.8	3.2			38.0		
40.0	6.7	5.7	5.1	5.7	5.1	4.7	4.5	3.6	3.2	4.1	3.4	3.1	3.6	3.2	2.8	3.2			40.0		
42.0	6.5	5.6	5	5.6	5	4.6	4.4	3.5	3.1	4	3.4	3	3.6	3.1	2.7	3.1			42.0		
44.0	5.3	5.4	4.9	5.2	4.9	4.5	4.2	3.5	3	3.9	3.3	2.9	3.6	3	2.7	3.1			44.0		
46.0	4.6	5.3	4.8	4.6	4.7	4.3	4	3.4	2.9	3.8	3.1	2.8	3.4	2.8	2.6	3			46.0		
48.0	4	4.3	4.7	4	4.3	4.2	3.9	3.3	2.8	3.6	3	2.7	3.3	2.8	2.5	3			48.0		
50.0	3.5	3.8	4	3.5	3.8	4	3.8	3.2	2.8	3.5	2.9	2.6	3.1	2.7	2.4	3			50.0		
52.0	3	3.3	3.5	3	3.3	3.5	3.7	3.1	2.7	3.4	2.8	2.6	3	2.6	2.4	2.9			52.0		
54.0	2.6	2.8	3	2.5	2.8	3	3.1	3	2.7	3.3	2.8	2.5	2.9	2.5	2.3	2.8			54.0		
56.0	2.2	2.4	2.6	2.1	2.4	2.6	2.7	2.9	2.6	2.6	2.7	2.5	2.8	2.4	2.2	2.7			56.0		
58.0	1.8	2	2.2	1.7	2	2.2	2.3	2.8	2.6	2.2	2.6	2.4	2.3	2.4	2.1	2.4			58.0		
60.0	1.5	1.7	1.8	1.4	1.6	1.8	1.9	2.3	2.5	1.8	2.3	2.3	2	2.3	2.1	2			60.0		
62.0	1.1	1.3	1.5		1.3	1.5	1.6	1.9	2.2	1.5	2	2.2	1.6	2	2	1.6			62.0		
64.0			1.2			1.1	1.3	1.6	1.9	1.2	1.6	1.9	1.3	1.7	2	1.2			64.0		
66.0								1.3	1.6		1.3	1.6		1.4	1.6				66.0		
68.0									1.3			1.2		1.1	1.4				68.0		
70.0																			70.0		
72.0																			72.0		
74.0																			74.0		
76.0																			76.0		
78.0																			78.0		
80.0																			80.0		
82.0																			82.0		
84.0																			84.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

20 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I28 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I + jib section II37.5 m jib: 4 m transition section + 1st heavy-duty jib section + 1 m conversion section + 8 m heavy-duty jib + 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

Table 28 Main boom + Jib

Unit: t

Outriggers completely extended 8.3 m, with 40 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	20.0			20.0			28.0			28.0			37.5			37.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
24.0	8.2																		24.0		
26.0	8	6.8					5.8												26.0		
28.0	7.7	6.6	6	6.2			5.5												28.0		
30.0	7.5	6.5	5.8	6.2	5.6		5.3	4.3		4.8			3.8						30.0		
32.0	7.4	6.4	5.7	6.1	5.6	5.1	5.1	4.1	3.5	4.7			3.8						32.0		
34.0	7.2	6.2	5.6	6	5.5	5	4.9	4	3.4	4.5	3.8		3.7	3.4					34.0		
36.0	6.5	6	5.4	5.9	5.4	4.9	4.8	3.8	3.4	4.3	3.7	3.2	3.7	3.3	2.9	3.2			36.0		
38.0	5.6	5.8	5.2	5.6	5.3	4.8	4.7	3.7	3.3	4.2	3.6	3.1	3.6	3.2	2.8	3.2			38.0		
40.0	4.8	5.3	5.1	4.9	5.1	4.7	4.5	3.6	3.2	4.1	3.4	3.1	3.6	3.2	2.8	3.2			40.0		
42.0	4.1	4.6	5	4.2	4.6	4.6	4.4	3.5	3.1	4	3.4	3	3.6	3.1	2.7	3.1			42.0		
44.0	3.6	3.9	4.2	3.6	4	4.3	4.2	3.5	3	3.9	3.3	2.9	3.6	3	2.7	3.1			44.0		
46.0	3	3.4	3.6	3	3.4	3.6	3.7	3.4	2.9	3.8	3.1	2.8	3.4	2.8	2.6	3			46.0		
48.0	2.5	2.8	3.1	2.5	2.8	3.1	3.1	3.3	2.8	3.1	3	2.7	3.3	2.8	2.5	3			48.0		
50.0	2	2.4	2.6	2	2.4	2.6	2.6	3.2	2.8	2.6	2.9	2.6	2.6	2.7	2.4	2.7			50.0		
52.0	1.6	1.9	2.1	1.6	1.9	2.1	2.2	2.7	2.7	2.1	2.8	2.6	2.2	2.6	2.4	2.2			52.0		
54.0	1.3	1.5	1.7	1.2	1.5	1.7	1.8	2.3	2.7	1.7	2.3	2.5	1.7	2.3	2.3	1.7			54.0		
56.0		1.2	1.3		1.1	1.3	1.4	1.9	2.3	1.3	1.8	2.2	1.4	1.9	2.2	1.3			56.0		
58.0								1.5	1.9		1.5	1.8		1.5	1.9				58.0		
60.0								1.2	1.5		1.1	1.4		1.2	1.5				60.0		
62.0									1.1			1.1			1.2				62.0		
64.0																			64.0		
66.0																			66.0		
68.0																			68.0		
70.0																			70.0		
72.0																			72.0		
74.0																			74.0		
76.0																			76.0		
78.0																			78.0		
80.0																			80.0		
82.0																			82.0		
84.0																			84.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

20 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I28 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I + jib section II37.5 m jib: 4 m transition section + 1st heavy-duty jib section + 1 m conversion section + 8 m heavy-duty jib + 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

Table 29 Main boom + Jib

Unit: t

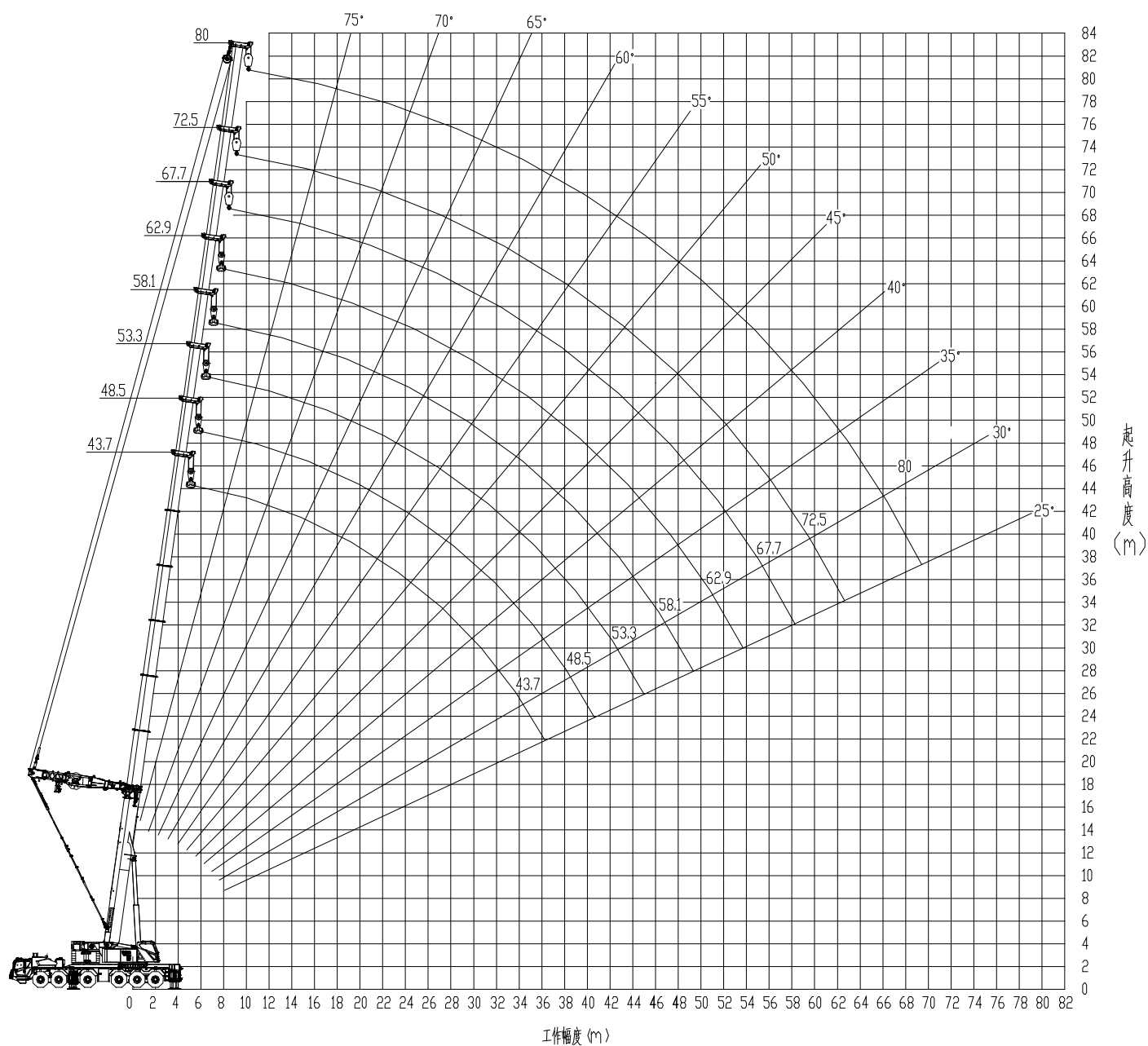
Outriggers completely extended 8.3 m, with 25 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	20.0			20.0			28.0			28.0			37.5			37.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
24.0	8.2																		24.0		
26.0	8	6.8					5.8												26.0		
28.0	7.7	6.6	6	6.2			5.5												28.0		
30.0	6.4	6.5	5.8	6	5.6		5.3	4.3		4.8			3.8						30.0		
32.0	5.3	6	5.7	5.4	5.6	5.1	5.1	4.1	3.5	4.7			3.8						32.0		
34.0	4.5	5	5.6	4.5	5.1	5	4.9	4	3.4	4.5	3.8		3.7	3.4					34.0		
36.0	3.7	4.2	4.7	3.7	4.3	4.8	4.8	3.8	3.4	4.3	3.7	3.2	3.7	3.3	2.9	3.2			36.0		
38.0	3	3.5	3.9	3	3.5	4	3.7	3.7	3.3	3.7	3.6	3.1	3.6	3.2	2.8	3.2			38.0		
40.0	2.4	2.9	3.3	2.4	2.9	3.3	3	3.6	3.2	3	3.4	3.1	3.2	3.2	2.8	3.2			40.0		
42.0	1.9	2.3	2.7	1.8	2.3	2.7	2.4	3.3	3.1	2.4	3.4	3	2.5	3.1	2.7	2.5			42.0		
44.0	1.4	1.8	2.1	1.4	1.8	2.1	1.9	2.7	3	1.8	2.7	2.9	2	2.8	2.7	2			44.0		
46.0		1.3	1.6		1.3	1.6	1.5	2.2	2.7	1.4	2.1	2.8	1.5	2.3	2.6	1.4			46.0		
48.0			1.2			1.2		1.7	2.2		1.6	2.2		1.8	2.4				48.0		
50.0								1.3	1.8		1.2	1.7		1.3	1.9				50.0		
52.0									1.3			1.3			1.4				52.0		
54.0																			54.0		
56.0																			56.0		
58.0																			58.0		
60.0																			60.0		
62.0																			62.0		
64.0																			64.0		
66.0																			66.0		
68.0																			68.0		
70.0																			70.0		
72.0																			72.0		
74.0																			74.0		
76.0																			76.0		
78.0																			78.0		
80.0																			80.0		
82.0																			82.0		
84.0																			84.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

20 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I28 m jib: 4 m transition section + 1st heavy-duty jib section + adaptor I + adaptor II + jib section I+ jib section II37.5 m jib: 4 m transition section + 1st heavy-duty jib section + 1 m conversion section + 8 m heavy-duty jib + 0.5 m conversion section+ adaptor I + adaptor II + jib section I+ jib section II

Lifting capacity tables / Lifting height charts

Main boom + superlift OM



起升高度(m): Lifting height (m)

工作幅度(m): Working radius (m)

Table 30-1 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
							43.7	43.7	43.7	43.7	43.7	43.7		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0							66	73	75	77	80	87	6.0	
7.0							64	69	71	73	76	81	7.0	
8.0							61	64	66	69	71	72	8.0	
9.0							57	60	62	66	65	66	9.0	
10.0							53	56	58	62	63	64	10.0	
12.0							46	49	52	56	58	61	12.0	
14.0							42	44	47	50	52	54	14.0	
16.0							38	39.5	42	45	46	48	16.0	
18.0							34	36	38	40	41	42	18.0	
20.0							31	33	35	36	35	36.5	20.0	
22.0							28.5	29.6	31	31.5	31.5	33	22.0	
24.0							27	27.5	28	27.8	27.5	28.7	24.0	
26.0							25	25.4	25.5	24.7	24.5	25.2	26.0	
28.0							23	23	22.5	22	21.5	22.3	28.0	
30.0							21	20.5	20	19.5	19	19.6	30.0	
32.0							19	18.5	18	17.5	17	17.4	32.0	
34.0							17	16.5	16	15.5	15	15	34.0	
36.0							15	14	13.5	13	12	12	36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving							6						Reeving	
Hook							80t						Hook	
Telescoping mode	φ						1	1	1	1	1	2	φ	Telescoping mode
	J						1	1	1	2	3	2	J	
	J						1	2	3	3	2	2	J	
	J						3	3	3	2	2	2	J	
	r						3	3	2	2	2	2	r	
	r						3	2	2	2	2	2	r	

Table 30-2 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0	58	62.5	68	70	73	78							7.0		
8.0	57	61	66	69	71	74		52	58	63	66	70	8.0		
9.0	54.5	58	63	67	68	70		51.5	56	62	65	67	9.0		
10.0	51.5	55	59	63	66	68		49	54	59	62	65	10.0		
12.0	46	49	53	56	60.5	63		45	49	53	55	59	12.0		
14.0	41.5	44	47.5	50	52	54		41	45	47	49	52	14.0		
16.0	37.5	40	43	44.5	46.9	48		38	41	42	44	45	16.0		
18.0	34.5	36.5	39	39.5	41	42		35.5	38	39	40	40	18.0		
20.0	31.5	33.5	34.5	36	35	37		33	35	34.5	35	35	20.0		
22.0	29	29.5	31	31	30.5	32.3		30	29.5	31	30	30	22.0		
24.0	27	27	28	27.5	27	28		28	27.5	27	26	27.2	24.0		
26.0	25	25	24.5	24	23.5	24.5		24.6	24	23.6	23	24	26.0		
28.0	23	22.5	22	21.5	20.5	21.5		22.7	21.7	21	21	21	28.0		
30.0	21	20.5	20	19.3	18.5	19		21	19.6	19	18.5	18.5	30.0		
32.0	19	18.3	17.8	17.2	16.5	17		18.7	17.6	17.2	16.5	16.5	32.0		
34.0	17	16.5	16	15.5	15	15		17	16.5	16	14.8	14.8	34.0		
36.0	15.5	15	14.5	14	13	13.1		15.8	15	14.3	13.5	13.2	36.0		
38.0	14	13.5	13	12.5	11.5	11.8		14.4	13.7	13	12.2	11.8	38.0		
40.0	12.5	12	11.5	11	10	10.4		12.7	12	11.5	10.7	10.4	40.0		
42.0								11.2	10.5	10	9.5	9.1	42.0		
44.0								10.5	9.7	9.3	8.2	7.7	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
r	3	2	2	2	2	2		3	2	2	2	2	r		

Table 30-3 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	51.5	56	60	62									9.0		
10.0	50	54	58	61	44	46	50		36	40			10.0		
12.0	46	50	54	57	43	45	49.5		35.5	40	31		12.0		
14.0	42	45.5	48	51	41	44	49		35	39	30.5	22	14.0		
16.0	37.5	41	43	45	39	42	45		34	38.5	30.5	21.8	16.0		
18.0	35	37	39	40	35	37.5	39.5		33	38	29.5	21.5	18.0		
20.0	32	34	35	35	32	34	34		32	34	29	21.3	20.0		
22.0	30	30.5	30	30	29.7	30	30		30	30	28	21	22.0		
24.0	27.5	27	27	27	26.8	27	27		27	27	25	20.5	24.0		
26.0	25	24	24	24	24.6	24	23.8		24	23.5	23	20	26.0		
28.0	22.3	21.5	21	21	22	21.5	21.2		21.5	21	20.5	18.4	28.0		
30.0	20	19.5	19	18.8	20	19.5	19.3		19.5	19	18.5	17	30.0		
32.0	18.5	17.5	17	16.7	17.8	17.5	17		18	17.5	16.7	15.5	32.0		
34.0	16.8	15.5	15.5	15	16.4	15.7	15.2		16	15.6	15.2	14.1	34.0		
36.0	15.5	14.5	14	13.3	14.8	14	13.5		14.5	14	13.8	12.8	36.0		
38.0	14	13.3	12.5	11.9	13.6	12.7	12		13.2	12.5	12.9	11.8	38.0		
40.0	12.8	12.2	11.5	10.7	12.6	11.7	10.8		12	11.2	11.7	10.7	40.0		
42.0	11.8	11	10	9.5	11.5	10.5	9.7		11	10.1	10.4	10	42.0		
44.0	10.8	10	9	8.3	10.5	9.3	8.6		9.8	9	9.5	9.5	44.0		
46.0	9.7	9	8	7.3	9.2	8.5	7.7		9	8.1	8.5	8.6	46.0		
48.0	8.5	7.5	7	6.3	8.5	7.6	6.8		8	7.2	7.7	8	48.0		
50.0					7.3	6.5	5.8		7.5	6.5	7	7.2	50.0		
52.0					6.5	5.8	5		6.5	5.7	6.4	6.4	52.0		
54.0									5.5	4.8	5.6	5.8	54.0		
56.0									5	4.2	5	5.3	56.0		
58.0											4.2	4.7	58.0		
60.0											3.7	4.2	60.0		
62.0												3.6	62.0		
64.0												3.1	64.0		
66.0												2.5	66.0		
68.0												2.1	68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t					Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 31-1 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
							43.7	43.7	43.7	43.7	43.7	43.7 ^		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0							66	73	75	77	80	87	6.0	
7.0							64	69	71	73	76	81	7.0	
8.0							61	64	66	69	71	72	8.0	
9.0							57	60	62	66	65	66	9.0	
10.0							53	56	58	62	63	64	10.0	
12.0							46	49	52	56	58	61	12.0	
14.0							42	44	47	50	52	52	14.0	
16.0							38	39.5	42	43.7	45.5	45.5	16.0	
18.0							34	36	37.2	39.2	40.5	40	18.0	
20.0							31	32	33.8	35.5	34.5	34.5	20.0	
22.0							28.5	29	30.7	31	31	31	22.0	
24.0							26.8	26.8	27.5	27.2	27	27	24.0	
26.0							24.8	24.9	24.7	24	24	23.5	26.0	
28.0							22.5	22.5	22	21.3	21	21	28.0	
30.0							20.5	20	19.5	19	18.5	18.5	30.0	
32.0							18.5	18	17.3	16.8	16.5	16	32.0	
34.0							16.5	16	15.3	14.6	14.2	13.8	34.0	
36.0							14	13.5	13.2	12.7	12.5	11.5	36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving							6						Reeving	
Hook							80t						Hook	
Telescoping mode	φ						1	1	1	1	1	2	φ	Telescoping mode
	J						1	1	1	2	3	2	J	
	J						1	2	3	3	2	2	J	
	↓						3	3	3	2	2	2	↓	
	↑						3	3	2	2	2	2	↑	
	↑						3	2	2	2	2	2	↑	

Table 31-2 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0	58	62.5	68	70	73	78							7.0		
8.0	57	61	66	69	71	74		52	58	63	66	70	8.0		
9.0	54.5	58	63	67	68	70		51.5	56	62	65	67	9.0		
10.0	51.5	55	59	63	66	68		49	54	59	62	65	10.0		
12.0	46	49	53	56	60.5	63		45	49	53	55	59	12.0		
14.0	41.5	44	47.5	50	52	53		41	45	47	49	52	14.0		
16.0	37.5	40	43	43.3	46	47		38	41	42	43	44	16.0		
18.0	34.5	36.5	38	38.5	40	40.5		35.5	38	37	39	39	18.0		
20.0	31.5	32	33.7	35	34	35		33	32	34	34	34	20.0		
22.0	28	29	30	30	29.5	30		28	28.5	30	29	29	22.0		
24.0	25.9	26	27	26.5	26	26.5		26	26.5	26	25	25	24.0		
26.0	24	24	23.5	23	22.5	23		23.5	23	22.5	22	22	26.0		
28.0	22	21.5	21	21	19.5	20		21.5	20.5	20	20	19	28.0		
30.0	20	19.5	19	18.5	17.5	18		19.5	18.5	18	18	17	30.0		
32.0	18	17.7	17	16.5	15.5	16		17.5	16.5	16	16	15.2	32.0		
34.0	16	15.5	15	14.5	14	14.5		16	15.5	15	14	13.9	34.0		
36.0	14.5	14	13.5	13	12	12		15	14	13.5	13	12.3	36.0		
38.0	13	12.5	12	11.5	10.5	10.5		13.5	13	12	11.6	11	38.0		
40.0	11.5	11	10.5	10	9.3	9.3		12	11.5	11	10.2	9.5	40.0		
42.0								10.6	10	9.5	9	8.2	42.0		
44.0								9.6	9	8.5	7.6	7	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
r	3	2	2	2	2	2		3	2	2	2	2	r		

Table 31-3 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	51.5	56	60	62									9.0		
10.0	50	54	58	61	44	46	50		36	40			10.0		
12.0	46	50	54	57	43	45	49.5		35.5	40	31		12.0		
14.0	42	45.5	48	51	41	44	49		35	39	30.5	22	14.0		
16.0	37.5	41	43	44.5	39	42	45		34	38.5	30.5	21.8	16.0		
18.0	35	37	35.5	38.5	35	37.5	39		33	38	29.5	21.5	18.0		
20.0	32	32.5	34	34	32	31	33.5		32	33	29	21.3	20.0		
22.0	29	30	29.5	29	29	28	29.5		27	29	26.5	21	22.0		
24.0	26.5	26.5	26	25	26.5	26.3	25.5		25	25	23.5	20	24.0		
26.0	24	23.5	23	22	24.2	23	22.5		22.5	22	21.5	18.7	26.0		
28.0	21.5	21	20.2	19.5	21.5	20.5	19.5		21	20	19.2	17.2	28.0		
30.0	19	19	18.5	17.5	19.5	18.5	17.5		18.7	18	17.2	15.8	30.0		
32.0	18	17	16.3	15.5	17.2	16.3	15.5		17	16	15.5	14.4	32.0		
34.0	16	15	14.5	14	16.3	15.2	14.3		15.5	14.6	14	13.1	34.0		
36.0	14.8	14	13.5	12.5	14.2	13.3	12.5		14	13	12.7	11.8	36.0		
38.0	13.6	12.8	12	11	13	11.8	11		12.8	11.8	11.9	10.9	38.0		
40.0	12.2	11.7	10.9	10	11.7	10.7	10		11.6	10.6	10.7	9.9	40.0		
42.0	11.4	10.6	9.7	9	11	10	9.2		10.5	9.7	9.5	9.2	42.0		
44.0	10.3	9.5	8.6	8	10	9	8.2		9.5	8.6	8.6	8.6	44.0		
46.0	9.2	8.3	7.5	6.7	9	8	7.4		8.7	7.5	7.8	7.8	46.0		
48.0	8	7	6.2	5.5	8.2	7.2	6.5		7.5	6.8	7	7.2	48.0		
50.0					7	6.2	5.5		7	6.2	6.3	6.5	50.0		
52.0					6.2	5.3	4.8		6	5.5	5.8	5.8	52.0		
54.0									5	4.6	5	5.2	54.0		
56.0									4.5	4	4.5	4.7	56.0		
58.0											3.8	4.1	58.0		
60.0											3.3	3.7	60.0		
62.0												3.1	62.0		
64.0												2.6	64.0		
66.0												2.1	66.0		
68.0												1.7	68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t				Hook		
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Table 32-1 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range														
Working radius (m)	-Boom length (m)												Working radius (m)	
							43.7	43.7	43.7	43.7	43.7	43.7 ^		
3.0													3.0	
3.5													3.5	
4.0													4.0	
4.5													4.5	
5.0													5.0	
6.0							66	73	75	77	80	87	6.0	
7.0							64	69	71	73	76	81	7.0	
8.0							61	64	66	69	71	72	8.0	
9.0							57	60	62	66	65	66	9.0	
10.0							53	56	58	62	63	64	10.0	
12.0							46	49	52	56	58	59	12.0	
14.0							42	44	46.5	47	48	47.5	14.0	
16.0							38	38.5	37.5	38.6	40.5	40	16.0	
18.0							32.5	32.5	33	34.5	35.5	35	18.0	
20.0							28.5	28.2	30	31.2	30.2	30	20.0	
22.0							25.5	25.5	27	27	27.1	26.7	22.0	
24.0							23.6	23.5	24	23.5	23.5	23.2	24.0	
26.0							21.8	21.8	21.3	20.8	20.8	20.3	26.0	
28.0							19.7	19.6	19	18.4	18	18	28.0	
30.0							17.8	17.3	17	16.3	15.9	15.7	30.0	
32.0							15.8	15.3	14.7	14.1	13.8	13.4	32.0	
34.0							14	13.5	12.8	12.2	11.7	11.3	34.0	
36.0							11.8	11.3	11	10.5	10.2	9.5	36.0	
38.0													38.0	
40.0													40.0	
42.0													42.0	
44.0													44.0	
46.0													46.0	
48.0													48.0	
50.0													50.0	
52.0													52.0	
54.0													54.0	
56.0													56.0	
58.0													58.0	
60.0													60.0	
62.0													62.0	
64.0													64.0	
66.0													66.0	
68.0													68.0	
Reeving							6						Reeving	
Hook							80t						Hook	
Telescoping mode	φ						1	1	1	1	1	2	φ	Telescoping mode
	J						1	1	1	2	3	2	J	
	J						1	2	3	3	2	2	J	
	↓						3	3	3	2	2	2	↓	
	↑						3	3	2	2	2	2	↑	
	r						3	2	2	2	2	2	r	

Table 32-2 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	48.5	48.5	48.5	48.5	48.5	48.5 ^		53.3	53.3	53.3	53.3	53.3 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0	58	62.5	68	70	73	78							7.0		
8.0	57	61	66	69	71	74		52	58	63	66	70	8.0		
9.0	54.5	58	63	67	68	70		51.5	56	62	65	67	9.0		
10.0	51.5	55	59	63	66	68		49	54	59	62	65	10.0		
12.0	46	49	53	56	60.5	61.5		45	49	53	55	59	12.0		
14.0	41.5	44	47.5	48.5	46.5	47		41	45	47	47	47.5	14.0		
16.0	37.5	39	38.5	38.5	40.5	41		38	40	39	38	38.5	16.0		
18.0	33.5	33	33.5	34	35	35.5		34.5	34	33	34.2	34.1	18.0		
20.0	29	28.5	30	30.5	29.7	30		30	28.2	29.8	29.7	29.5	20.0		
22.0	25	25.5	26.2	26.2	25.6	25.5		25	25	26.2	25.2	25.1	22.0		
24.0	23	22.8	23.5	23	22.5	22.5		22.8	23.2	22.6	21.6	21.5	24.0		
26.0	21	21	20.5	20	19.4	19.4		20.5	20	19.5	18.9	18.8	26.0		
28.0	19	18.7	18.2	18	16.7	16.7		18.7	17.8	17.2	17.2	16.2	28.0		
30.0	17.4	16.9	16.3	15.9	15	15		17	16	15.5	15.3	14.3	30.0		
32.0	15.6	15.3	14.6	14	13	13		15.2	14.2	13.6	13.6	12.8	32.0		
34.0	13.7	13.2	12.7	12.2	11.6	11.5		13.8	13.2	12.7	11.7	11.5	34.0		
36.0	12.3	11.8	11.2	10.7	9.8	9.7		12.8	11.9	11.4	10.8	10.2	36.0		
38.0	11	10.5	9.9	9.4	8.5	8.3		11.4	10.9	10	9.3	8.8	38.0		
40.0	9.6	9.1	8.6	8	7.3	7.2		10	9.5	9	8.2	7.5	40.0		
42.0								8.9	8.2	7.7	7	6.3	42.0		
44.0								8	7.3	6.8	5.8	5.2	44.0		
46.0													46.0		
48.0													48.0		
50.0													50.0		
52.0													52.0		
54.0													54.0		
56.0													56.0		
58.0													58.0		
60.0													60.0		
62.0													62.0		
64.0													64.0		
66.0													66.0		
68.0													68.0		
Reeving	5							5						Reeving	
Hook	80t							80t						Hook	
Telescoping mode	φ	1	1	1	1	2	3		1	1	1	2	3	φ	Telescoping mode
	J	1	1	2	3	3	2		1	2	3	3	3	J	
	J	2	3	3	3	2	2		3	3	3	3	2	J	
	J	3	3	3	2	2	2		3	3	3	2	2	J	
	r	3	3	2	2	2	2		3	3	2	2	2	r	
r	3	2	2	2	2	2		3	2	2	2	2	r		

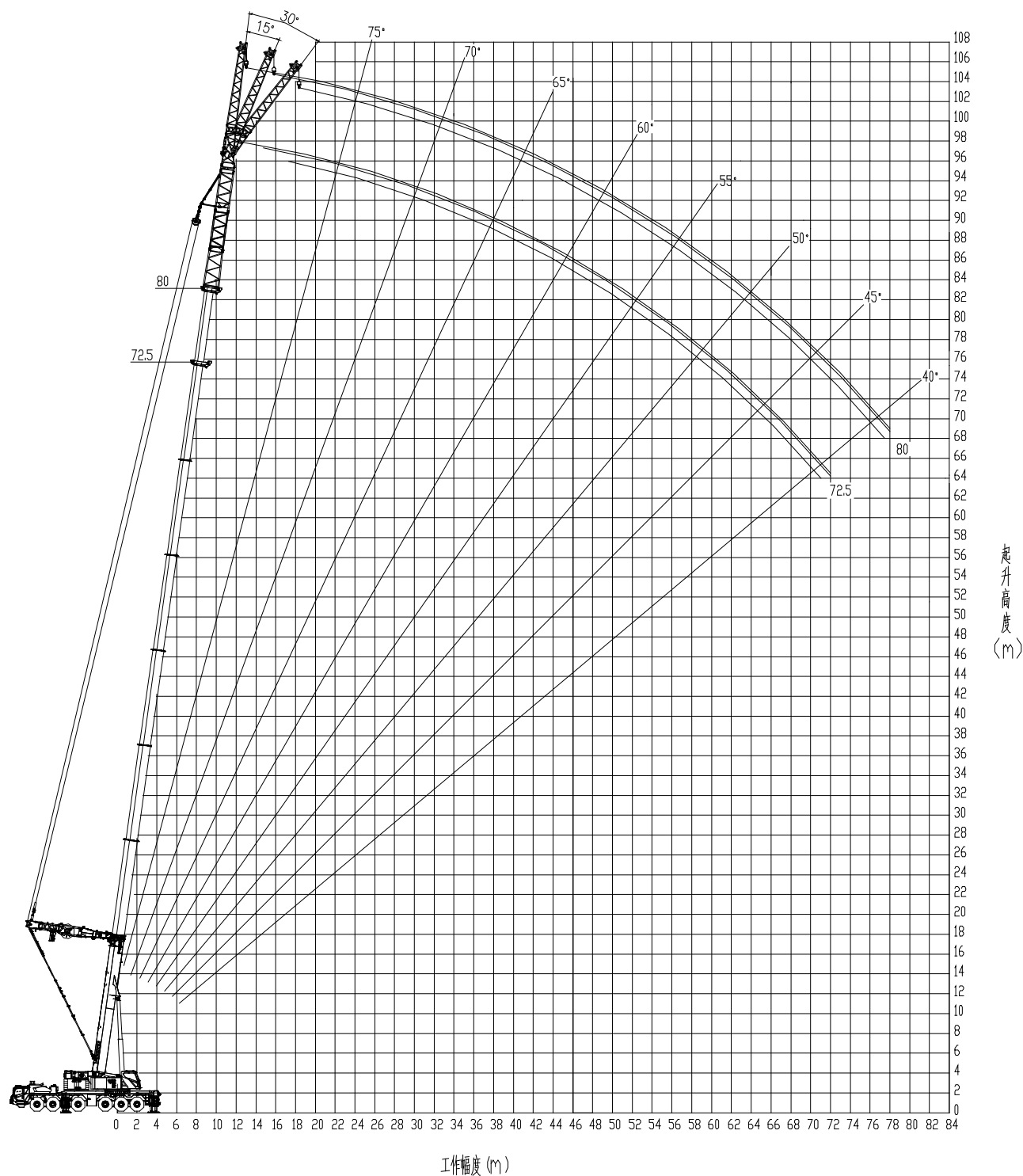
Table 32-3 Main boom + superlift

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range															
Working radius (m)	-Boom length (m)												Working radius (m)		
	58.1	58.1	58.1	58.1 ^	62.9	62.9	62.9 ^		67.7	67.7 ^	72.5 ^	80 ^			
3.0													3.0		
3.5													3.5		
4.0													4.0		
4.5													4.5		
5.0													5.0		
6.0													6.0		
7.0													7.0		
8.0													8.0		
9.0	51.5	56	60	62									9.0		
10.0	50	54	58	61	44	46	50		36	40			10.0		
12.0	46	50	54	57	43	45	49.5		35.5	40	31		12.0		
14.0	42	45.5	48	49.5	41	44	49		35	39	30.5	22	14.0		
16.0	37.5	40	39.5	39	39	41	41		34	38.5	30.5	21.8	16.0		
18.0	34.2	33.5	32.5	32.5	34.3	34	34		33	33	29.5	21.5	18.0		
20.0	28.7	28.5	29.7	29	28.8	28.5	28		28.5	28.5	26	21.3	20.0		
22.0	25.5	26.2	25.6	25	25.3	25	24.5		24.5	24.5	23	19	22.0		
24.0	23.2	23	22.5	21.5	23	22.8	21.9		21.7	21.6	20.3	17.2	24.0		
26.0	20.9	20.4	19.8	18.8	21	19.8	19.3		19.5	18.8	18.5	16	26.0		
28.0	18.6	18.2	17.3	16.6	18.5	17.6	16.6		18	17.1	16.4	14.7	28.0		
30.0	16.4	16.3	15.5	14.8	16.7	15.8	14.8		16	15	14.6	13.5	30.0		
32.0	15.5	14.5	13.8	13	14.8	13.8	13		14.5	13	13.1	12.2	32.0		
34.0	13.7	12.7	12.2	11.6	13.6	12.8	12		13.2	12	11.8	11	34.0		
36.0	12.7	11.8	11.3	10.3	12.1	11.2	10.4		11.8	10.8	10.7	9.9	36.0		
38.0	11.5	10.7	9.9	9	11	9.9	9		10.7	9.7	9.9	9.1	38.0		
40.0	10.3	9.7	8.5	8	9.9	8.9	8.1		9.6	8.7	8.9	8.2	40.0		
42.0	9.4	8.6	7.7	7	9	8.2	7.4		8.7	7.9	7.8	7.5	42.0		
44.0	8.5	7.7	6.8	6	8.2	7.2	6.4		7.7	6.9	7	7	44.0		
46.0	7.4	6.6	5.7	5	7.3	6.3	5.7		7	6	6.3	6.3	46.0		
48.0	6.4	5.6	4.7	4	6.6	5.5	4.8		6	5.2	5.6	5.8	48.0		
50.0					5.5	4.7	3.9		5.5	4.6	4.9	5.2	50.0		
52.0					4.8	3.9	3.3		4.6	4	4.4	4.5	52.0		
54.0									3.7	3.2	3.7	4	54.0		
56.0									3.3	2.6	3.2	3.4	56.0		
58.0											2.6	2.9	58.0		
60.0											2.2	2.5	60.0		
62.0												2	62.0		
64.0												1.6	64.0		
66.0												1.3	66.0		
68.0													68.0		
70.0													70.0		
Reeving	4				3				3		2	2	Reeving		
Hook	40t								25t					Hook	
Telescoping mode	φ	1	1	2	3	1	2	3		2	3	3	4	φ	Telescoping mode
	J	2	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	3	3	3	3		3	3	3	4	J	
	J	3	3	3	2	3	3	3		3	3	3	4	J	
	r	3	3	2	2	3	3	2		3	3	3	4	r	
	r	3	2	2	2	3	2	2		3	2	3	4	r	

Lifting capacity tables / Lifting height charts

Main boom + superlift + 24.5 m light-duty jib OM

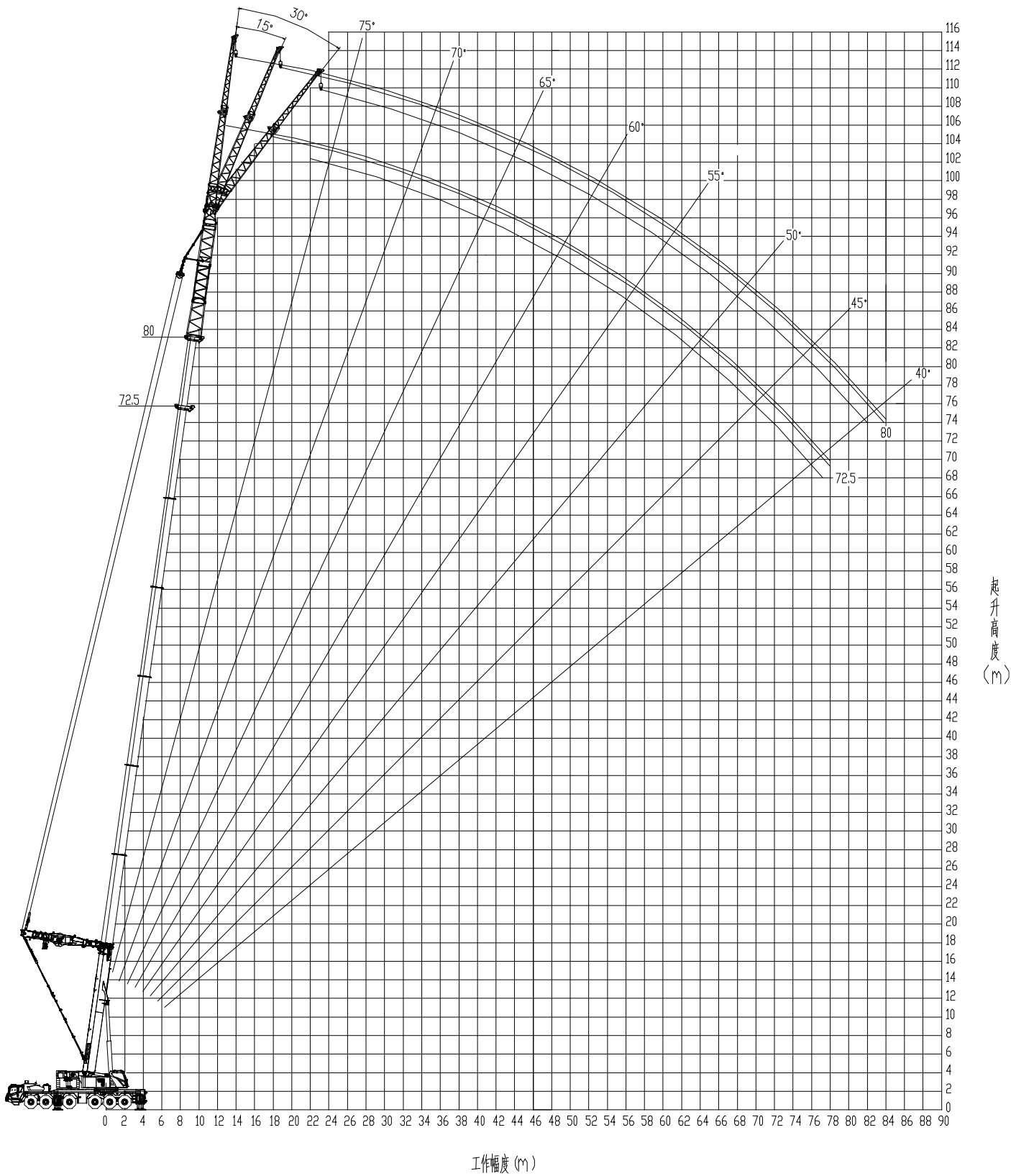


起升高度(m): Lifting height (m)

工作幅度(m): Working radius (m)

Lifting capacity tables / Lifting height charts

Main boom + superlift + 32.5 m light-duty jib OM



Lifting capacity tables / Lifting height charts

Main boom + superlift + 40.5 m light-duty jib OM

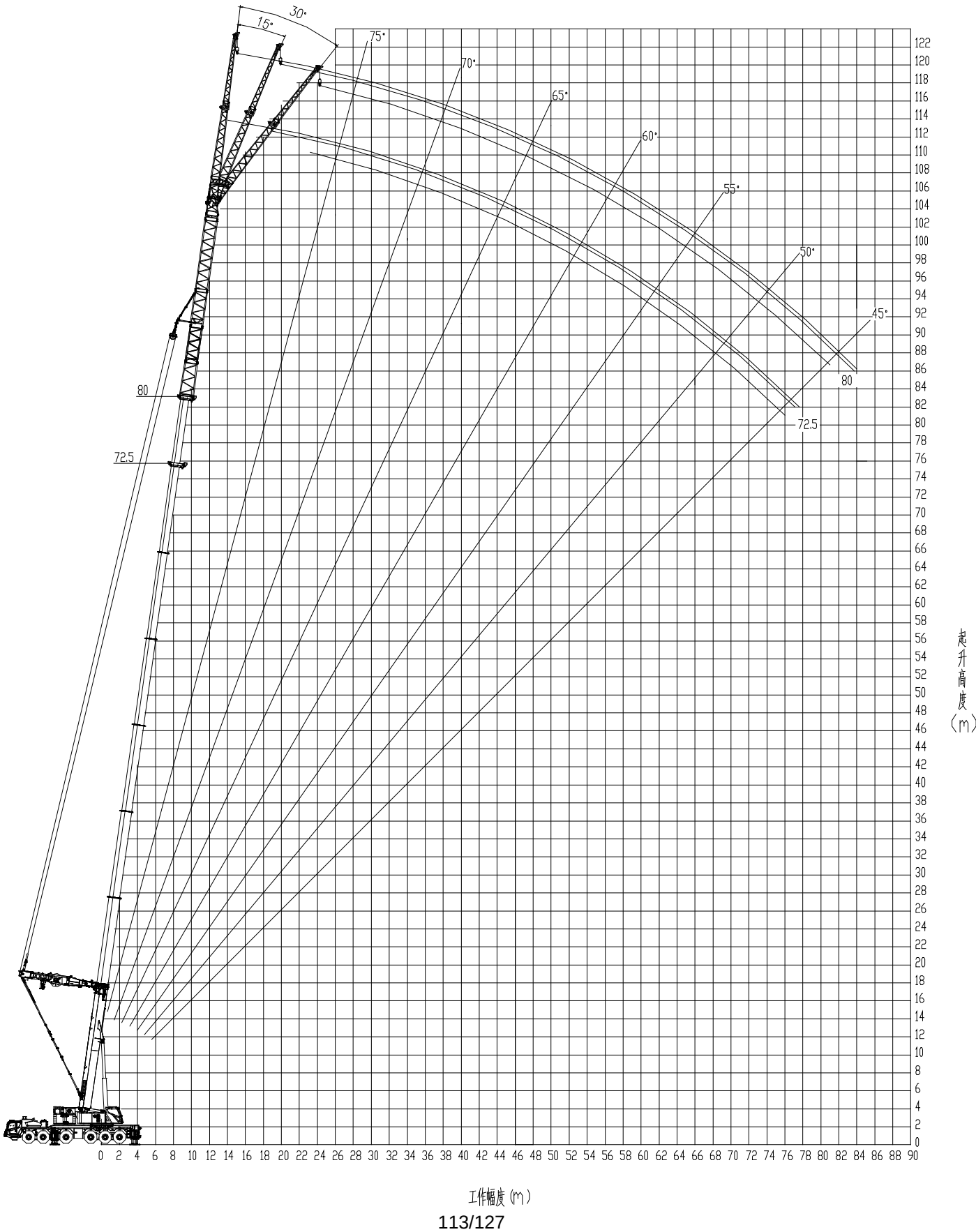


Table 33 Main boom + superlift + light-duty jib

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	8			8			8			8			8			8					
	4			4			4			4			4			4					
	12.5			12.5			20.5			20.5			28.5			28.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
20.0	12	10					7.5												20.0		
22.0	12	10	7.6	10	9		7.3												22.0		
24.0	12	10	7.5	10	9	7	7.2	4.7		7			6.8						24.0		
26.0	12	9.5	7.5	9.8	9	7	7	4.6		6.8			6.6						26.0		
28.0	11.9	9.4	7.4	9.8	8.9	7	6.8	4.6	3.6	6.6	4.6		6.4	4.4					28.0		
30.0	11.8	9.2	7.3	9.7	8.7	7	6.6	4.5	3.6	6.3	4.5		6.2	4.2		5.5			30.0		
32.0	11.7	8.9	7.1	9.7	8.5	6.9	6.3	4.4	3.5	6.1	4.4	3.5	6	4.1	3.5	5.5			32.0		
34.0	11.5	8.8	7	9.6	8.4	6.9	6.1	4.3	3.5	5.9	4.3	3.4	5.8	4	3.5	5.5			34.0		
36.0	11.3	8.6	6.9	9.6	8.2	6.8	5.9	4.2	3.5	5.8	4.2	3.4	5.6	4	3.5	5.5			36.0		
38.0	11	8.4	6.8	9.6	8.1	6.7	5.7	4.1	3.4	5.6	4.1	3.3	5.5	3.9	3.4	5.4			38.0		
40.0	10.6	8.2	6.8	9.5	7.9	6.7	5.5	4	3.4	5.4	4.1	3.3	5.3	3.8	3.4	5.3			40.0		
42.0	10.2	8	6.7	9.5	7.7	6.6	5.3	3.9	3.3	5.3	4	3.2	5.2	3.7	3.3	5.1			42.0		
44.0	9.9	7.8	6.6	9.3	7.6	6.5	5.2	3.8	3.3	5.1	3.9	3.2	5	3.6	3.2	5			44.0		
46.0	9.5	7.7	6.5	8.8	7.4	6.4	5	3.8	3.3	5	3.8	3.2	4.9	3.6	3.2	4.9			46.0		
48.0	8.6	7.5	6.4	8.4	7.3	6.4	4.9	3.7	3.2	4.8	3.7	3.1	4.8	3.5	3.1	4.8			48.0		
50.0	7.8	7.4	6.3	7.6	7	6.3	4.8	3.6	3.1	4.7	3.7	3.1	4.6	3.4	3.1	4.6			50.0		
52.0	7.1	7.3	6.2	6.9	7	6.2	4.6	3.6	3	4.6	3.6	3	4.5	3.4	3	4.5			52.0		
54.0	6.5	6.8	6.1	6.3	6.6	6.1	4.5	3.5	3	4.5	3.5	3	4.4	3.3	3	4.3			54.0		
56.0	5.9	6.2	6.1	5.7	6	6.1	4.4	3.4	3	4.3	3.5	3	4.3	3.2	2.9	4.3			56.0		
58.0	5.4	5.6	5.7	5.2	5.4	5.5	4.3	3.4	2.9	4.2	3.4	2.9	4.1	3.1	2.8	4.2			58.0		
60.0	4.9	5.1	5.2	4.7	4.9	5.1	4.1	3.3	2.9	4.1	3.4	2.9	4.1	3	2.8	4.1			60.0		
62.0	4.4	4.6	4.7	4.2	4.4	4.6	4	3.3	2.9	4	3.3	2.9	4	3	2.7	4			62.0		
64.0	4	4.2	4.3	3.8	4	4.1	3.9	3.2	2.8	3.9	3.3	2.9	3.9	2.9	2.7	3.9			64.0		
66.0	3.6	3.8	3.9	3.4	3.6	3.7	3.7	3.2	2.8	3.7	3.2	2.8	3.7	2.8	2.6	3.7			66.0		
68.0	3.3	3.4	3.5	3	3.2	3.3	3.5	3.1	2.7	3.3	3.2	2.8	3.4	2.7	2.6	3.4			68.0		
70.0	2.9	3	3.1	2.6	2.8	2.9	3.2	3	2.7	2.9	3.1	2.8	3	2.6	2.5	3			70.0		
72.0	2.5	2.7	2.7	2.3	2.4	2.5	2.9	2.8	2.7	2.6	3	2.7	2.7	2.5	2.5	2.6			72.0		
74.0	2.1	2.3		2	2.1	2.1	2.6	2.6	2.6	2.3	2.6	2.7	2.4	2.4	2.4	2.3			74.0		
76.0	1.8			1.7	1.8	1.8	2.3	2.3	2.6	2	2.3	2.5	2.1	2.1	2.2	2			76.0		
78.0	1.5			1.4	1.5		1.9	2	2.3	1.7	2	2.2	1.9	1.9	2.1	1.6			78.0		
80.0					1.2		1.6	1.7	2	1.4	1.7	1.9	1.6	1.6	1.8	1.4			80.0		
82.0							1.3	1.4		1.2	1.5	1.6	1.3	1.4	1.5	1.2			82.0		
84.0											1.2	1.3			1.3				84.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

The meanings of figures in the row "Working radius (m)":

- 1) 8 x 4 m transition section + 4 m heavy-duty jib
- 2) 4: A-frame lattice jib length
- 3) 12.5, 20.5, 28.5: jib lengths.

12.5 m jib: 0.5 m conversion section + adaptor I + adaptor II + jib section I

20.5 m jib: 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

28.5 m jib: 8 m heavy-duty jib + 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

Table 34 Main boom + superlift + light-duty jib

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	8			8			8			8			8			8					
	4			4			4			4			4			4					
	12.5			12.5			20.5			20.5			28.5			28.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
20.0	12	10					7.5												20.0		
22.0	12	10	7.6	10	9		7.3												22.0		
24.0	12	10	7.5	10	9	7	7.2	4.7		7			6.8						24.0		
26.0	12	9.5	7.5	9.8	9	7	7	4.6		6.8			6.6						26.0		
28.0	11.9	9.4	7.4	9.8	8.9	7	6.8	4.6	3.6	6.6	4.6		6.4	4.4					28.0		
30.0	11.8	9.2	7.3	9.7	8.7	7	6.6	4.5	3.6	6.3	4.5		6.2	4.2		5.5			30.0		
32.0	11.7	8.9	7.1	9.7	8.5	6.9	6.3	4.4	3.5	6.1	4.4	3.5	6	4.1	3.5	5.5			32.0		
34.0	11.5	8.8	7	9.6	8.4	6.9	6.1	4.3	3.5	5.9	4.3	3.4	5.8	4	3.5	5.5			34.0		
36.0	11.3	8.6	6.9	9.6	8.2	6.8	5.9	4.2	3.5	5.8	4.2	3.4	5.6	4	3.5	5.5			36.0		
38.0	11	8.4	6.8	9.6	8.1	6.7	5.7	4.1	3.4	5.6	4.1	3.3	5.5	3.9	3.4	5.4			38.0		
40.0	10.6	8.2	6.8	9.5	7.9	6.7	5.5	4	3.4	5.4	4.1	3.3	5.3	3.8	3.4	5.3			40.0		
42.0	10.2	8	6.7	9.5	7.7	6.6	5.3	3.9	3.3	5.3	4	3.2	5.2	3.7	3.3	5.1			42.0		
44.0	9.4	7.8	6.6	8.8	7.6	6.5	5.2	3.8	3.3	5.1	3.9	3.2	5	3.6	3.2	5			44.0		
46.0	8.5	7.7	6.5	8.2	7.4	6.4	5	3.8	3.3	5	3.8	3.2	4.9	3.6	3.2	4.9			46.0		
48.0	7.6	7.5	6.4	7.3	7.3	6.4	4.9	3.7	3.2	4.8	3.7	3.1	4.8	3.5	3.1	4.8			48.0		
50.0	6.9	7.2	6.3	6.7	6.8	6.3	4.8	3.6	3.1	4.7	3.7	3.1	4.6	3.4	3.1	4.6			50.0		
52.0	6.2	6.6	6.2	6.1	6.5	6.2	4.6	3.6	3	4.6	3.6	3	4.5	3.4	3	4.5			52.0		
54.0	5.6	6	5.9	5.4	5.7	6	4.5	3.5	3	4.5	3.5	3	4.4	3.3	3	4.3			54.0		
56.0	5	5.4	5.6	4.9	5.2	5.5	4.4	3.4	3	4.3	3.5	3	4.3	3.2	2.9	4.3			56.0		
58.0	4.6	4.8	5	4.4	4.7	5	4.3	3.4	2.9	4.2	3.4	2.9	4.1	3.1	2.8	4.2			58.0		
60.0	4.1	4.3	4.5	3.9	4.2	4.4	4.1	3.3	2.9	4.1	3.4	2.9	4.1	3	2.8	4.1			60.0		
62.0	3.5	3.8	4	3.3	3.5	3.7	4	3.3	2.9	3.6	3.3	2.9	4	3	2.7	3.5			62.0		
64.0	3.1	3.5	3.5	3	3.2	3.4	3.6	3.2	2.8	3.2	3.3	2.9	3.5	2.9	2.7	3.1			64.0		
66.0	2.7	3.1	3.1	2.7	2.9	3	3.2	3.2	2.8	2.9	3.2	2.8	3	2.8	2.6	2.7			66.0		
68.0	2.5	2.8	2.8	2.3	2.5	2.6	2.8	3.1	2.7	2.6	3.2	2.8	2.7	2.7	2.6	2.4			68.0		
70.0	2.1	2.4	2.5	1.9	2	2.2	2.4	2.6	2.7	2.3	2.5	2.8	2.3	2.5	2.5	2.1			70.0		
72.0	1.7	2	2.1	1.6	1.8	1.8	2	2.3	2.7	1.9	2.2	2.4	2	2.4	2.5	1.8			72.0		
74.0	1.4	1.6		1.4	1.5	1.6	1.8	2.1	2.2	1.6	1.9	2.1	1.8	2.1	2.3	1.5			74.0		
76.0	1.2						1.6	1.8	2	1.4	1.7	1.8	1.5	1.8	2	1.3			76.0		
78.0							1.3	1.6	1.7	1.2	1.4	1.6	1.3	1.6	1.8				78.0		
80.0											1.2	1.4		1.3	1.5				80.0		
82.0															1.3				82.0		
84.0																			84.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

The meanings of figures in the row "Working radius (m)":

- 1) 8 x 4 m transition section + 4 m heavy-duty jib
- 2) 4: A-frame lattice jib length
- 3) 12.5, 20.5, 28.5: jib lengths.

12.5 m jib: 0.5 m conversion section + adaptor I + adaptor II + jib section I

20.5 m jib: 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

28.5 m jib: 8 m heavy-duty jib + 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

Table 35 Main boom + superlift + light-duty jib

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range																					
Working radius (m)	Main boom (m) + Jib (m) + Offset (°)																		Working radius (m)		
	72.5			80.0			72.5			80.0			72.5			80.0					
	8			8			8			8			8			8					
	4			4			4			4			4			4					
	12.5			12.5			20.5			20.5			28.5			28.5					
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°			
20.0	12	10					7.5												20.0		
22.0	12	10	7.6	10	9		7.3												22.0		
24.0	12	10	7.5	10	9	7	7.2	4.7		7			6.8						24.0		
26.0	12	9.5	7.5	9.8	9	7	7	4.6		6.8			6.6						26.0		
28.0	11.9	9.4	7.4	9.8	8.9	7	6.8	4.6	3.6	6.6	4.6		6.4	4.4					28.0		
30.0	11.8	9.2	7.3	9.7	8.7	7	6.6	4.5	3.6	6.3	4.5		6.2	4.2		5.5			30.0		
32.0	11.7	8.9	7.1	9.7	8.5	6.9	6.3	4.4	3.5	6.1	4.4	3.5	6	4.1	3.5	5.5			32.0		
34.0	11.5	8.8	7	9.6	8.4	6.9	6.1	4.3	3.5	5.9	4.3	3.4	5.8	4	3.5	5.5			34.0		
36.0	11.3	8.6	6.9	9.6	8.2	6.8	5.9	4.2	3.5	5.8	4.2	3.4	5.6	4	3.5	5.5			36.0		
38.0	9.7	8.4	6.8	9.4	8.1	6.7	5.7	4.1	3.4	5.6	4.1	3.3	5.5	3.9	3.4	5.4			38.0		
40.0	8.7	8.2	6.8	8.5	7.9	6.7	5.5	4	3.4	5.4	4.1	3.3	5.3	3.8	3.4	5.3			40.0		
42.0	7.8	8	6.7	7.6	7.7	6.6	5.3	3.9	3.3	5.3	4	3.2	5.2	3.7	3.3	5.1			42.0		
44.0	7	7.8	6.6	6.8	7.3	6.5	5.2	3.8	3.3	5.1	3.9	3.2	5	3.6	3.2	5			44.0		
46.0	6.3	6.7	6.5	6.1	6.5	6.4	5	3.8	3.3	5	3.8	3.2	4.9	3.6	3.2	4.9			46.0		
48.0	5.7	6	6.4	5.5	5.9	6.2	4.9	3.7	3.2	4.8	3.7	3.1	4.8	3.5	3.1	4.8			48.0		
50.0	5.1	5.4	5.7	4.9	5.3	5.6	4.8	3.6	3.1	4.7	3.7	3.1	4.6	3.4	3.1	4.6			50.0		
52.0	4.6	4.9	5.1	4.4	4.7	5	4.6	3.6	3	4.6	3.6	3	4.5	3.4	3	4.5			52.0		
54.0	4.1	4.4	4.6	3.8	4.2	4.5	4.5	3.5	3	4.3	3.5	3	4.4	3.3	3	4.1			54.0		
56.0	3.6	3.9	4.1	3.4	3.7	3.9	4	3.4	3	3.8	3.5	3	4	3.2	2.9	3.6			56.0		
58.0	3.2	3.5	3.7	2.9	3.3	3.5	3.6	3.4	2.9	3.4	3.4	2.9	3.5	3.1	2.8	3.1			58.0		
60.0	2.8	3.1	3.2	2.6	2.9	2.1	3.2	3.3	2.9	3	3.4	2.9	3.1	3	2.8	2.7			60.0		
62.0	2.5	2.7	2.9	2.2	2.5	2.7	2.8	3.3	2.9	2.6	3.1	2.9	2.7	3.1	2.7	2.4			62.0		
64.0	2.1	2.3	2.5	1.9	2.1	2.3	2.5	3	2.8	2.3	2.7	2.9	2.3	2.7	2.7	2			64.0		
66.0	1.8	2	2.2	1.6	1.8	1.9	2.2	2.5	2.8	2	2.4	2.6	2	2.4	2.6	1.7			66.0		
68.0	1.5	1.7	1.8	1.3	1.5	1.7	1.9	2.2	2.4	1.6	2	2.3	1.7	2.1	2.3	1.4			68.0		
70.0		1.4	1.5			1.4	1.5	1.8	2.1	1.3	1.6	2	1.4	1.8	2				70.0		
72.0							1.3	1.6	1.8		1.4	1.6		1.5	1.7				72.0		
74.0								1.3	1.5			1.3		1.2	1.5				74.0		
76.0									1.2						1.2				76.0		
78.0																			78.0		
80.0																			80.0		
82.0																			82.0		
84.0																			84.0		
Reeving	1																		Reeving		
Hook	12t																		Hook		
Telescoping mode	φ	3			4			3			4			3			4			φ	Telescoping mode
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	J	3			4			3			4			3			4			J	
	r	3			4			3			4			3			4			r	
	r	3			4			3			4			3			4			r	

Note:

The meanings of figures in the row "Working radius (m)":

- 1) 8 x 4 m transition section + 4 m heavy-duty jib
- 2) 4: A-frame lattice jib length
- 3) 12.5, 20.5, 28.5: jib lengths.

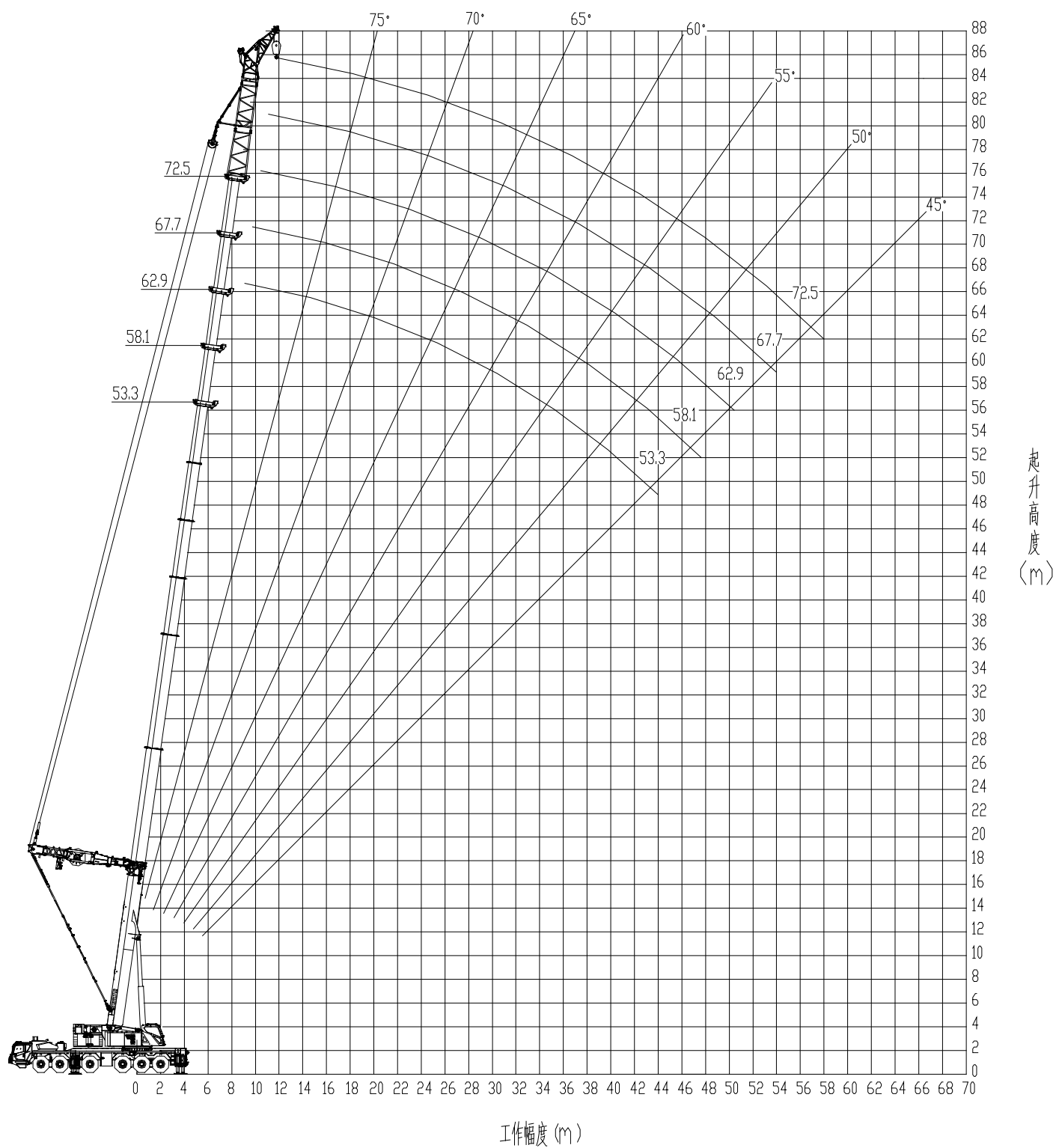
12.5 m jib: 0.5 m conversion section + adaptor I + adaptor II + jib section I

20.5 m jib: 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

28.5 m jib: 8 m heavy-duty jib + 0.5 m conversion section + adaptor I + adaptor II + jib section I + jib section II

Lifting capacity tables / Lifting height charts

Main boom + superlift + 13 m heavy-duty jib OM

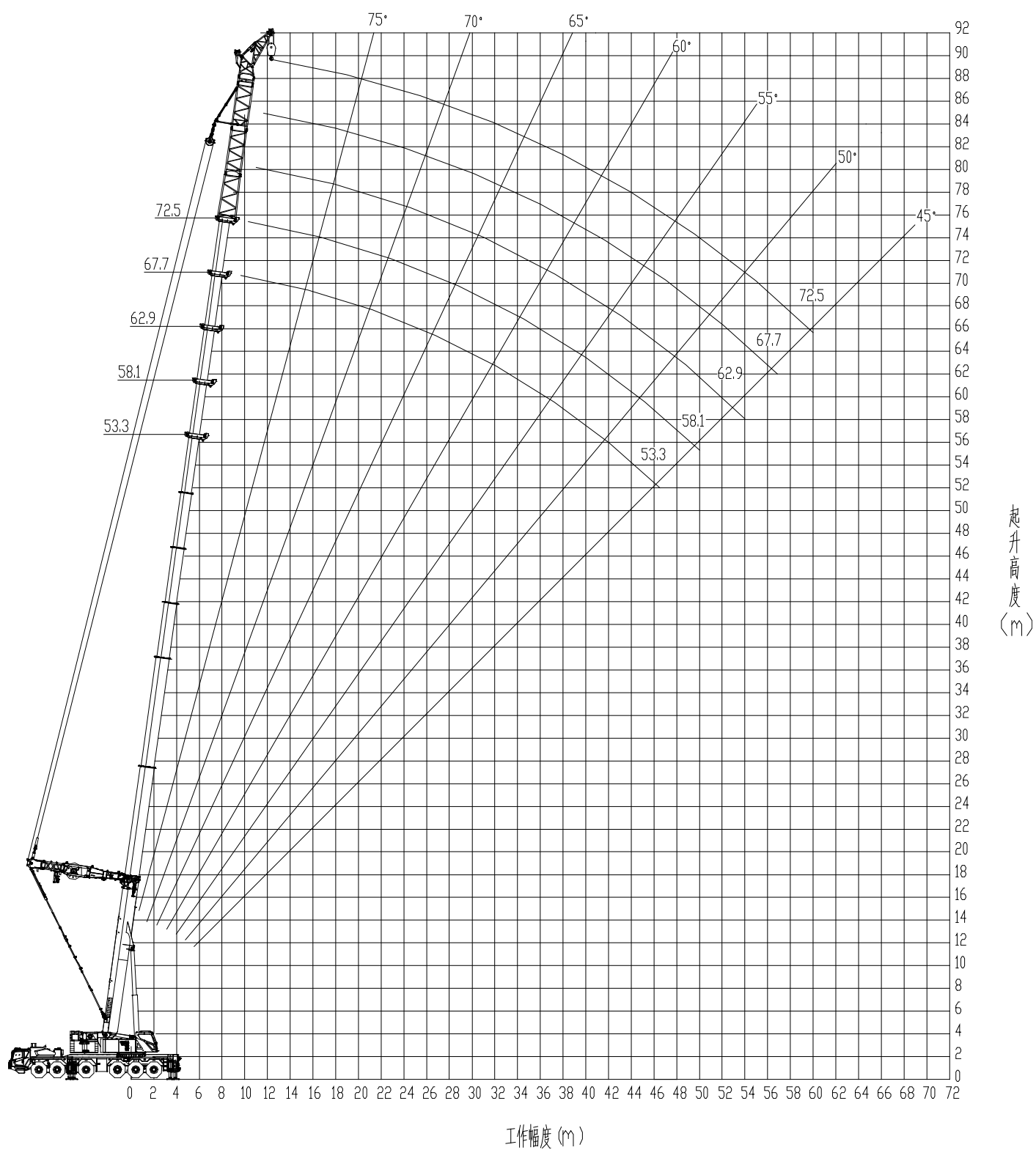


起升高度(m): Lifting height (m)

工作幅度(m): Working radius (m)

Lifting capacity tables / Lifting height charts

Main boom + superlift + 17 m heavy-duty jib OM



Lifting capacity tables / Lifting height charts

Main boom + superlift + 25 m heavy-duty jib OM

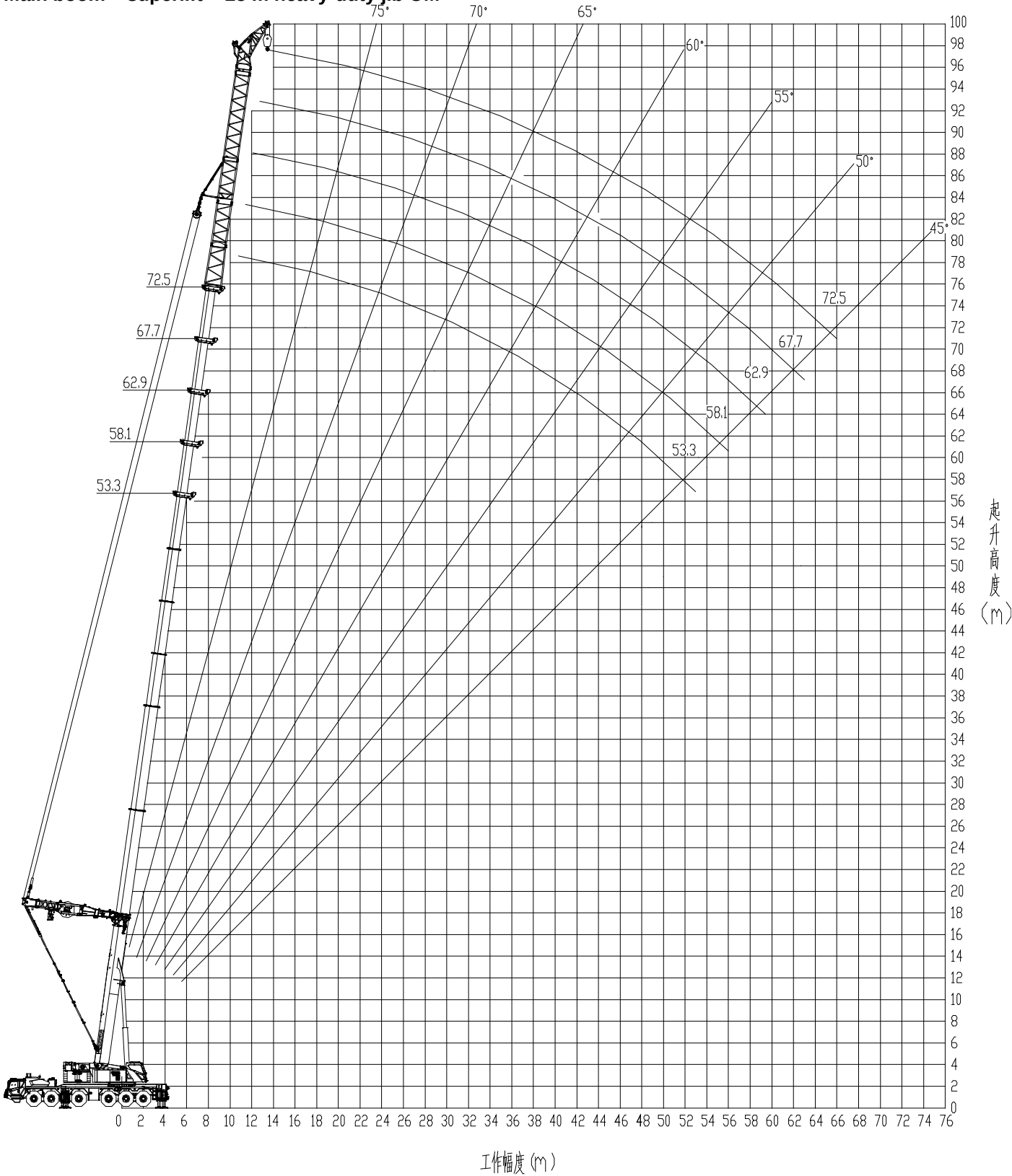


Table 36 Main boom + superlift + heavy-duty jib

Unit: t

Outriggers completely extended 8.3 m, with 97 t counterweight, over full range																		
Working radius (m)		Main boom (m) + A-frame (m) + Extension (m) + Tip boom (m)															Working radius (m)	
		53.3	58.1	62.9	67.7	72.5	53.3	58.1	62.9	67.7	72.5	53.3	58.1	62.9	67.7	72.5		
		4					8					8						
		4					4					4						
		0					0					8						
		5					5					5						
12	33															12		
14	32	31				30	27									14		
16	29.5	28.5	27	22		29	27	23	19.5		19.5	17.5				16		
18	27.5	27.3	25.9	22	18	27	26.5	23	19.5	16.5	19	17.5	16.6			18		
20	26	25.7	24.5	21.5	18	25.5	25	23	19.5	16.5	18.3	17.3	16.5	14.2		20		
22	24.5	24.2	22.3	21.5	18	24	23.5	21.7	19.3	16.4	17.6	17.1	16.2	14.2	12	22		
24	23	22.8	21.5	21	18	22.5	22	21	19.2	16.4	16.5	16.2	15.8	14.2	12	24		
26	21.5	21.3	20.2	19.8	17.9	21	20.5	19.7	18.7	16.3	15.6	15.2	14.9	14.1	12	26		
28	20.5	20.3	19.3	19	17.8	20	19.5	18.8	18.2	16.2	14.7	14.5	14.2	13.8	12	28		
30	19	18.8	18.3	18	17.7	18.8	18	17.7	17.4	16.2	13.9	13.7	13.4	13	11.9	30		
32	17	16.7	16.8	17	17	17.6	16.9	16.4	16.7	16	13.2	13	12.7	12.5	11.8	32		
34	14.7	14.7	15.2	15.4	15.7	15.3	15.1	14.6	15.2	15.6	12.6	12.3	12.1	11.9	11.7	34		
36	13.5	13.5	13.7	13.8	14.2	13.6	13.5	13.2	13.7	14.1	12	11.8	11.6	11.4	11.3	36		
38	12.3	12.3	12.3	12.5	12.8	12.3	12.2	11.9	12.4	12.8	11.4	11.3	11.1	10.9	10.8	38		
40	11	11	11	11.2	11.5	11	11	10.6	11.2	11.5	10.9	10.7	10.5	10.3	10.2	40		
42	10	10	10	10.2	10.4	10	10	9.6	10.2	10.4	10.5	10.3	10.2	9.9	9.8	42		
44		9	9	9.2	9.4	9.1	9	8.7	9.2	9.4	9.3	9.2	9.2	9.5	9.4	44		
46		8.2	8.2	8.3	8.6	8.2	8.2	7.8	8.3	8.5	8.5	8.4	8.4	8.6	8.7	46		
48			7.5	7.6	7.8		7.4	7	7.5	7.7	7.7	7.6	7.6	7.7	7.9	48		
50			6.6	6.8	7			6.2	6.8	6.9	7	6.9	6.9	7	7.2	50		
52				6.2	6.3				6.2	6.3	6.3	6.2	6.1	6.2	6.5	52		
54					5.7				5.5	5.6		5.7	5.6	5.7	5.9	54		
56					5.1				4.9	5			5	5	5.4	56		
58										4.5			4.5	4.5	4.9	58		
60														4.1	4.4	60		
62															3.8	62		
64															3.4	64		
66																66		
68																68		
Reeving		3															Reeving	
Hook		40t															Hook	
Telescoping mode	φ	3	3	3	3	3	3	3	3	3	3	3	3	3	3	φ	Telescoping mode	
	┘	3	3	3	3	3	3	3	3	3	3	3	3	3	3	┘		
	└	2	3	3	3	3	2	3	3	3	2	3	3	3	3	└		
	┐	2	2	3	3	3	2	2	3	3	3	2	2	3	3	┐		
	└	2	2	2	3	3	2	2	2	3	3	2	2	2	3	└		

Note:

The meanings of figures in the row "Working radius (m)":

- 1) 4 in row 4 x 4 m transition section; 8 in row 4: 4 m transition section + 4 m heavy-duty jib
- 2) 4 in row 5: A-frame lattice jib length
- 3) 8 in row 6: 8 m heavy-duty jib
- 4) 5 in row 7: 0.5 m conversion section + 4.5 m tip boom

Table 37 Main boom + superlift + heavy-duty jib

Unit: t

Outriggers completely extended 8.3 m, with 90 t counterweight, over full range																		
Working radius (m)		Main boom (m) + A-frame (m) + Extension (m) + Tip boom (m)														Working radius (m)		
		53.3	58.1	62.9	67.7	72.5	53.3	58.1	62.9	67.7	72.5	53.3	58.1	62.9	67.7			72.5
		4					8					8						
		4					4					4						
		0					0					8						
		5					5					5						
12	33															12		
14	32	31				30	27									14		
16	29.5	28.5	27	22		29	27	23	19.5		19.5	17.5				16		
18	27.5	27.3	25.9	22	18	27	26.5	23	19.5	16.5	19	17.5	16.6			18		
20	26	25.7	24.5	21.5	18	25.5	25	23	19.5	16.5	18.3	17.3	16.5	14.2		20		
22	24.5	24.2	22.3	21.5	18	24	23.5	21.7	19.3	16.4	17.6	17.1	16.2	14.2	12	22		
24	23	22.8	21.5	21	18	22.5	22	21	19.2	16.4	16.5	16.2	15.8	14.2	12	24		
26	21.5	21.3	20.2	19.8	17.9	21	20.5	19.7	18.7	16.3	15.6	15.2	14.9	14.1	12	26		
28	19.8	19.8	19.3	19	17.8	20	19.5	18.8	18.2	16.2	14.7	14.5	14.2	13.8	12	28		
30	17.6	17.4	17.2	17.5	17.7	17.9	17.5	16.5	17.4	16.2	13.9	13.7	13.4	13	11.9	30		
32	15.9	15.4	15.5	15.7	16.2	16	15.6	15	16	16	13.2	13	12.7	12.5	11.8	32		
34	13.5	13.5	14	14.2	14.4	14.1	13.9	13.4	14	14.7	12.6	12.3	12.1	11.9	11.7	34		
36	12.4	12.4	12.6	12.7	13.1	12.5	12.4	12.1	12.6	12.9	12	11.8	11.6	11.4	11.3	36		
38	11.2	11.2	11.2	11.5	11.7	11.3	11.2	10.9	11.3	11.8	11.4	11.3	11.1	10.9	10.8	38		
40	10	10	10	10.2	10.5	10	10	9.6	10.2	10.5	10.5	10.4	10.5	10.3	10.2	40		
42	9	9	9	9.2	9.4	9	9	8.6	9.3	9.4	9.6	9.4	9.5	9.6	9.8	42		
44		8.1	8.1	8.3	8.5	8.2	8.1	7.7	8.3	8.5	8.4	8.3	8.3	8.6	8.9	44		
46		7.3	7.3	7.4	7.7	7.3	7.3	6.9	7.4	7.6	7.6	7.5	7.5	7.7	7.9	46		
48			6.6	6.8	7		6.6	6.2	6.7	6.9	6.8	6.7	6.8	6.9	7.1	48		
50			5.8	6	6.2			5.4	6	6.1	6.2	6.1	6	6.2	6.4	50		
52				5.4	5.5				5.4	5.6	5.5	5.4	5.3	5.4	5.7	52		
54					5				4.8	4.9		5	4.9	4.9	5.1	54		
56					4.4				4.2	4.3			4.2	4.3	4.7	56		
58										3.9			3.9	3.8	4.2	58		
60															3.5	60		
62															3.2	62		
64															2.8	64		
66																66		
68																68		
Reeving		3														Reeving		
Hook		40t														Hook		
Telescoping mode	φ	3	3	3	3	3	3	3	3	3	3	3	3	3	3	φ	Telescoping mode	
	┘	3	3	3	3	3	3	3	3	3	3	3	3	3	3	┘		
	┘	2	3	3	3	3	2	3	3	3	2	3	3	3	3	┘		
	┘	2	2	3	3	3	2	2	3	3	2	2	3	3	3	┘		
	┘	2	2	2	3	3	2	2	2	3	3	2	2	2	3	┘		
	┘	2	2	2	2	3	2	2	2	2	3	2	2	2	2	3		┘

Note:

The meanings of figures in the row "Working radius (m)":

- 1) 4 in row 4: 4 m transition section; 8 in row 4: 4 m transition section + 4 m heavy-duty jib
- 2) 4 in row 5: A-frame lattice jib length
- 3) 8 in row 6: 8 m heavy-duty jib
- 4) 5 in row 7: 0.5 m conversion section + 4.5 m tip boom

Table 38 Main boom + superlift + heavy-duty jib

Unit: t

Outriggers completely extended 8.3 m, with 76 t counterweight, over full range																		
Working radius (m)		Main boom (m) + A-frame (m) + Extension (m) + Tip boom (m)														Working radius (m)		
		53.3	58.1	62.9	67.7	72.5	53.3	58.1	62.9	67.7	72.5	53.3	58.1	62.9	67.7			72.5
		4					8					8						
		4					4					4						
		0					0					8						
		5					5					5						
12	33															12		
14	32	31				30	27									14		
16	29.5	28.5	27	22		29	27	23	19.5		19.5	17.5				16		
18	27.5	27.3	25.9	22	18	27	26.5	23	19.5	16.5	19	17.5	16.6			18		
20	26	25.7	24.5	21.5	18	25.5	25	23	19.5	16.5	18.3	17.3	16.5	14.2		20		
22	24.5	24.2	22.3	21.5	18	24	23.5	21.7	19.3	16.4	17.6	17.1	16.2	14.2	12	22		
24	22	22	21.5	21	18	22.5	22	21	19.2	16.4	16.5	16.2	15.8	14.2	12	24		
26	19.2	19.2	18.8	19.3	17.9	19	18.8	18.3	18.7	16.3	15.6	15.2	14.9	14.1	12	26		
28	16.8	16.8	16.6	17	16.8	16.6	16.5	16	16.8	16.2	14.7	14.5	14.2	13.8	12	28		
30	14.8	14.6	14.4	14.7	15.4	14.7	14.6	13.8	14.8	15	13.9	13.7	13.4	13	11.9	30		
32	13.2	12.8	13	13.2	13.6	13	12.9	12.5	13.2	13.4	13.2	13	12.7	12.5	11.8	32		
34	11.2	11.2	11.6	11.8	12	11.5	11.4	11	11.7	11.8	11.7	11.6	11.6	11.9	11.7	34		
36	10.3	10.2	10.4	10.5	10.8	10.3	10.2	9.7	10.4	10.6	10.5	10.3	10.4	10.5	11.3	36		
38	9.1	9.1	9.1	9.4	9.6	9.3	9.2	8.6	9.2	9.4	9.3	9.2	9.2	9.4	9.6	38		
40	8	8	8	8.3	8.5	8.1	8.1	7.6	8.2	8.4	8.3	8.2	8.3	8.4	8.5	40		
42	7.2	7.1	7.2	7.3	7.6	7.2	7.2	6.8	7.5	7.6	7.5	7.3	7.4	7.5	7.6	42		
44		6.4	6.3	6.5	6.8	6.5	6.4	6	6.6	6.8	6.7	6.6	6.5	6.7	6.9	44		
46		5.7	5.7	5.7	6	5.7	5.7	5.2	5.8	6	6	5.8	5.8	6	6.1	46		
48			5.1	5.2	5.4		5	4.7	5.1	5.3	5.3	5.1	5.2	5.3	5.4	48		
50			4.4	4.5	4.7			3.9	4.5	4.7	4.7	4.6	4.5	4.6	4.8	50		
52				4.1	4.1				4	4.2	4.1	4	3.9	4	4.2	52		
54					3.7				3.4	3.6		3.6	3.5	3.6	3.7	54		
56					3.1				3	3.1			3	3	3.3	56		
58										2.7			2.7	2.6	2.9	58		
60														2.3	2.5	60		
62															2.1	62		
64															1.7	64		
66																66		
68																68		
Reeving		3														Reeving		
Hook		40t														Hook		
Telescoping mode	φ	3	3	3	3	3	3	3	3	3	3	3	3	3	3	φ	Telescoping mode	
	┘	3	3	3	3	3	3	3	3	3	3	3	3	3	3	┘		
	└	2	3	3	3	3	2	3	3	3	2	3	3	3	3	└		
	┐	2	2	3	3	3	2	2	3	3	3	2	2	3	3	┐		
	└	2	2	2	3	3	2	2	2	3	3	2	2	2	3	3		└
	┐	2	2	2	2	3	2	2	2	2	3	2	2	2	2	3		┐

Note:

The meanings of figures in the row "Working radius (m)":

- 1) 4 in row 4: 4 m transition section; 8 in row 4: 4 m transition section + 4 m heavy-duty jib
- 2) 4 in row 5: A-frame lattice jib length
- 3) 8 in row 6: 8 m heavy-duty jib
- 4) 5 in row 7: 0.5 m conversion section + 4.5 m tip boom

Components, superstructure

Main boom

- Å 7-section telescopic boom made of 1100MPa high-tensile steel
- Å Optimal oviform boom profile of particular tensional rigidity, outstanding local stability and for the super lifting capacities
- Å Main boom length: 14.9 m - 80 m

Jib

- Å The jib consists of light-duty jib and heavy-duty jib.
- Å Light-duty jib variants of 20 m, 28 m and 37.5 m (optional: 8 m extension).
- Å Under the superlift OM, light-duty jib variants are 24.5 m, 32.5 m, 40.5 m.
- Å Heavy-duty jib variants are 13 m, 17 m and 25 m. It cannot be used without Y-shaped guying system
- Å The jib cannot be attached with the vehicle during driving.

Telescoping system

- Å The telescopic boom is telescoped by the single-stage telescoping cylinder with hydraulic interlocking device. Adopt the top pins. The program is automatic control and sequence telescoping mode.
- Å The telescoping state is shown on the monitor. You can select the full automatic telescoping mode or the manual telescoping mode.

Y-shaped guying system (optional)

- Å Y-shaped guying system in single piece structure and with the equal rope length.
- Å It is assembled on the head of boom 85 and adopts 2 reeving wire rope.
- Å It is assembled with the help of the auxiliary crane.

Hoist gear

- Å The reducer, drum, brake and motor integrated hoist gear is of high quality and is compact in structure;
- Å A special type of sheave groove ensures optimum spooling behavior of wire rope and perfect rope arrangement during multiple-layer spooling, thus providing prolonged rope service life;
- Å High-performance rotation-resistant ropes can be used without swivel under load and can be arranged orderly on the drum; the press nipple can be used for rapid max. reeving change.

Luffing gear

- Å One hydraulic cylinder, providing the boom with smooth luffing movements from -0.5° to 82°

Slewing gear

- Å Two slewing gears, consisting of hydraulic motor and planetary reducer
- Å Slewing speed: 0 – 1.5 rpm

Slewing table

- Å Box-type, torsion resistant design of high-tensile steel, providing super load bearing capacity

Operator's cab

- Å 4.0 series spacious panoramic cab with sliding door, outward pushing windshield, front foot pedal, safe guard rail around the roof of the cab
- Å No instrument console and electric elements are in the front of the cab. And thus, you can have a good riding experience due to spacious room and comfortable feeling.
- Å Integrated bus key panel is compact, simple and reliable. Night vision background light is clear and makes night work safe.
- Å Vertical 10.4 inch two-in-one LCD (touch screen) integrates all of functions and has good observation angle. And thus, you can have good operation experience.
- Å It is with USB plug. And thus, it is chargeable.
- Å The cab can be tilted for 0-20° to improve operator's field of vision and reduce the operation intensity.
- Å Cab heater and air conditioning.

Counterweight

- Å 97t total counterweight (standard configuration: 90t, options: 7t) among which 76t main body counterweight (6 pieces), 8.5t side counterweight (2 pieces) and 7t auxiliary counterweight (1 pieces, optional)
- Å Counterweight combinations include 97t (optional), 90t, 76t, 64t, 52t, 40t, 25t, 10t and 0t.

Hook

- Å Hook: 220t, 130t, 100t, 80t, 40t, 25t, 12t.
- Å As for the hooks are equal to or more than 80t, they are ramshorn ones.
- Å 100t and 40t hooks are standard configurations. And the rest hooks are available for options.

Hood

- Å In frame-type structure of high functionality and convincing design

Central lubricating system

- Å The superstructure adopts the central lubricating system.
- Å All the lubricating points are automatically supplied with the correct grease quantity for prolonged crane service life and easy maintenance.

Control system

- Å Superstructure hydraulic system adopts open and closed combined system. Main winch and slewing gear adopt the closed system. Luffing gear, telescoping system and the rest auxiliary mechanism adopt the open system and the valve control system.
- Å Germany Linde hydraulic pump, motor and Bucher big flow proportional control valve block greatly improve the operation reliability and the inching performance.
- Å Control mode plus simultaneous crane movements loading strategy, the operational stability and smoothness control strategy of main movements.

Monitoring system

- Å Applying the bus technology, the superstructure and the chassis can monitor the outrigger pressures and the tilting angle of the chassis frame in real time. And thus, prevent the dangerous situations from happening.
- Å The complete vehicle is equipped with several encoders and sensors which can monitor each system state of the vehicle in real time. Combining with the upgraded safety strategy, prevent the dangerous situations from happening. And thus, realize the high efficient safety operation.

Engine

- Å Model: Weichai WP7G270E301
- Å Type: 6-cylinder in line, diesel, turbo-charged, intercooled (air-to-air)
- Å Max. rated power: 199 kw at 2000 r/min
- Å Max. output torque: 1200 N.m at 1200 - 1500 r/min
- Å Limits for exhaust pollutants and smoke: Off-road emission conforming to China III (GB 20891-2014)

Components, chassis

Engine

- Å Model: Weichai WP13.530E501
- Å Type: 6-cylinder in line, water-cooled diesel with 4 stroke cycles, turbo-charged, intercooled
- Å Displacement: 12.54 L
- Å Max. rated power: 390 kw at 1900 r/min
- Å Max. output torque: 2500 N.m at 950 - 1400 r/min
- Å Limits for exhaust pollutants and smoke: conforming to Europe V
- Å Fuel tank capacity: 400L.

Transmission

- Å FAST homemade manual and automatic integrated transmission
- Å 12 forward and 2 reverse speeds

Transfer case

- Å 2-stage transfer case, with stand-by steering pump
- Å Manufacturer: Zhuzhou Gear Co., Ltd.

Axles

- Å Homemade 12 t axles
- Å All axles steered
- Å Drive type: 12×8
- Å Axles 3, 4, 5 and 6 are steer and drive ones. Axles 1 and 2 are steer and driven ones.
- Å The drive axles are equipped with the transversal differential and the differential lock. Axle 4 is equipped with the longitudinal differential and the differential lock. Axle 5 is equipped with the disengaged drive device which can disengage the drive of axle 6.
- Å Axles 1 and 2 adopt the disc brakes. And axles 3, 4, 5 and 6 adopt the drum brakes.

Outrigger

- Å H type two sectional outrigger, box-shaped section, made of high-tensile steel ($\delta_s=960\text{MPa}$)

Tires

- Å Tubeless tire
- Å Tire size: 445/95R25 radial tires
- Å Tire pressure: 0.9 MPa (Michelin, Bridgestone) / 1.0 MPa (Techking)

Steering system

- Å Electrical control all-wheel steer with 6 steering programs
- Å Wired emergency control box
- Å 2 front axles are mechanical steer and 4 rear axles are electro-hydraulic servo steer.
- Å Double-channel steering gear and single axle double-cylinder booster.

- Å Centralizing cylinders on all of electrical control steering axles to strengthen thereturnability.

Suspension

- Å Hydro-pneumatic suspension, load equalization between the axle pairs
- Å The suspension height can be adjustable.
- Å It is of the suspension rigid locking function.
- Å The axles are hydro-pneumatically sprung via hydraulic cylinders and are hydraulically lockable. Entire vehicle can be raised or lowered and its left / right side can also be raised or lowered independently. Axles 3 and 4 can be raised independently.
- Å The synchronized extension and retraction movements of suspension cylinders can be realized by the speed control valve fitted in the oil line of suspension control valve.

Brake system

- Å It consists of service brake, parking brake (emergency brake) and auxiliary brake.
- Å Service brake: dual-circuit air brake system, acting on 12 disc brakes
- Å Parking brake (Emergency brake): spring-loaded brake, acting on 10 disc brakes of axles 2-6
- Å Auxiliary brake: engine compression brake.
- Å The engine compression brake is used for long descending gradients to minimize wear of the brake.
- Å The brake system is with ABS.

Electrical system

- Å CAN data bus technology
- Å The driver's cab is equipped with a large multifunctional high resolutionLCD (touch screen) in multiple interfaces with convenient interactive functions.
- Å Generator: 24 V, 80 A
- Å Bus arrangement, visual monitor and interface display help to check and clear the faults.
- Å Click the system warning light to skip to the detection interface directly.
- Å Suspension commissioning interface detects and monitors the energized and deenergized conditions of all of corresponding valves in a whole process. And thus, the operation becomes simple and visualized.

Driver's cab

- Å The low-mounted, full-width and all-metal welded spacious ZAT series driver's cab is with flexible lining.
- Å The control elements and displays are arranged according to ergonomic factors, thus for safe and convenient handling at permanent operation
- Å In addition, it can support you a comfortable riding experience and a broad field of vision.
- Å It is completely covered with flexible lining interior decoration. Besides, it is equipped with adjustable steering wheel, windshield washing device, electrically operated window, large combined multi-angle retroreflector, adjustable vibration-absorptive seats with high backrest and armrest, two passengers' seats.
- Å These equipments such as all kinds of electronic instruments, indicators, control switches, the cigarette lighter, USB interface, MP3 media player, adjustable cab heater defrost device and single-cooled air conditioning are arranged on the control console.