

CRAWLER CRANE LIFTING CAPACITY CHARTS

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ZCC2000-1 (200t) Crawler Crane Lifting Capacity Charts

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To Users

We appreciate your selection of ZOOMLION crawler crane. Please read this manual book and make yourself fully acquainted with rules in this manual before operation.

Safety instructions, major technical data, and safe operations are described in this manual, aiming at helping users operate the crane safely with a high efficiency. Please keep the manual properly.

For the sake of normal operation and the personal safety of you and others, please read this manual in details before operating or carrying out maintenance for the crane. Please contact our local service technicians if there is any doubt, we will provide you timely and efficient technical support. Zoomlion shall bear no responsibility for any consequence brought by incorrect operations that violate rules in this manual.

The manual book is an inseparable part of the crane. If the possession of the crane is transferred to others, please do make sure that this manual is also transferred with the crane.

Under the copyright laws, this manual may not be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine readable form, in whole or part, without the prior written consent of Zoomlion Heavy Industry Science and Technology Co., Ltd.

There might be differences between the manual and the product you purchased due to technological improvement, upgrading, or different specifications and models. Please contact local service engineers of Zoomlion for any doubt.

Zoomlion reserves the right to revise this manual because of technological improvement. We hope you understand if there is any modification without prior notice.

Thank you for your support and trust, and Zoomlion wish you all the best in future.

Zoomlion Heavy Industry Science & Technology Co., Ltd

Safety instructions

Safety warning signs in this manual are as follows:



Indicates a potentially hazardous condition which, if not avoided, may result in death or serious injury.



Indicates an imminently hazardous condition which, if not avoided, will result in death or serious injury.



Indicates a potentially hazardous condition which, if not avoided, may result in moderate to minor personal injury, or property damage.

NOTICE

Indicates a risk that is unrelated to personal injury (such as property damage).

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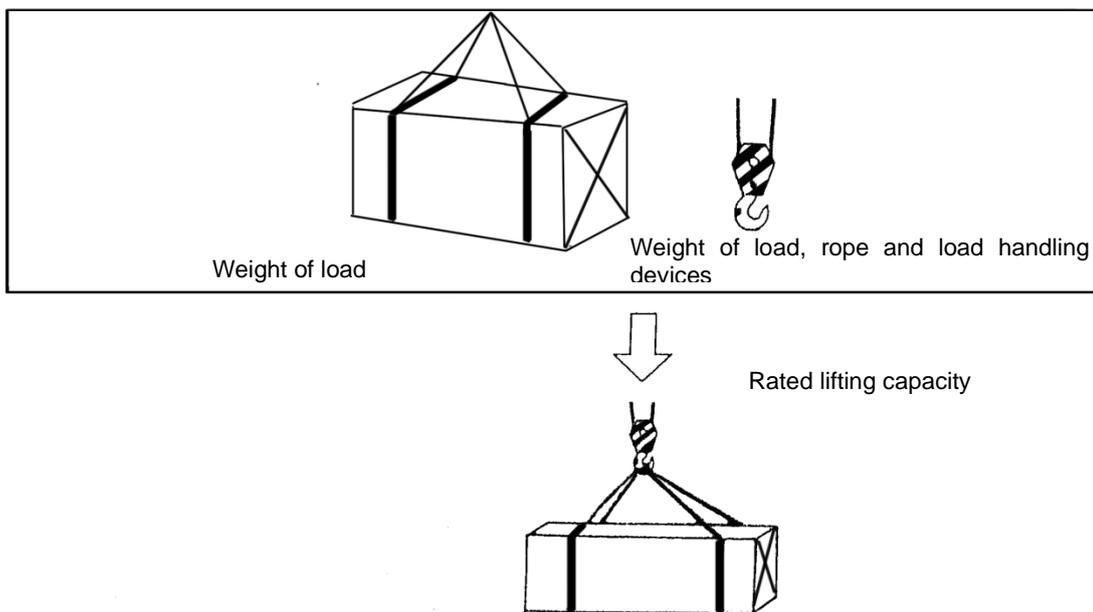
Lifting Capacity Charts for Crawler Crane

Chapter 1 Important Notes



Chapter 1 Important Notes

1. Unit of lifting capacity charts is ton.
2. Rated lifting capacities listed in charts are applicable to operation of 360°.
3. Rated lifting capacities listed in charts represent the maximum lifting capacities of the crane in different operating modes and specified working conditions. Rated lifting capacity includes the weight of load, the weight of hook, the weight of wire rope, and the total weight of other load handling devices.



4. Radius refers to the horizontal distance between the gravity center of load and the slewing center.
5. Rated lifting capacity refers to lifting capacity of different operating modes when the crane is horizontally placed on a solid and flat ground.
6. For the operating mode of tip boom, the maximum single rope reeving shall not exceed 12.5t and the maximum double rope reeving shall not exceed 25t.

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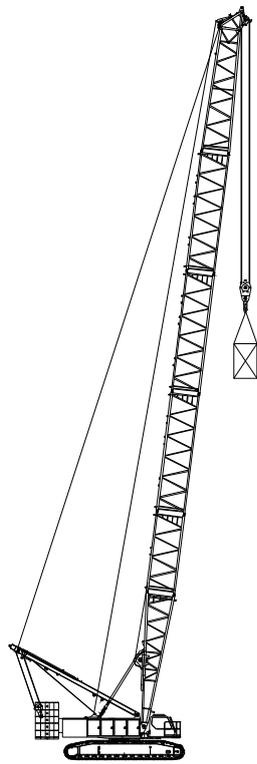
Lifting Capacity Charts for Crawler Crane

Chapter 2 Lifting Capacity on S Boom

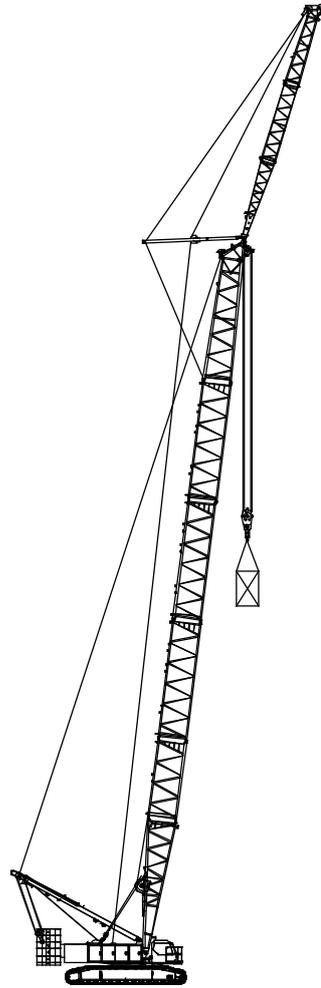


1. Illustrations of operating modes

吊臂示意图

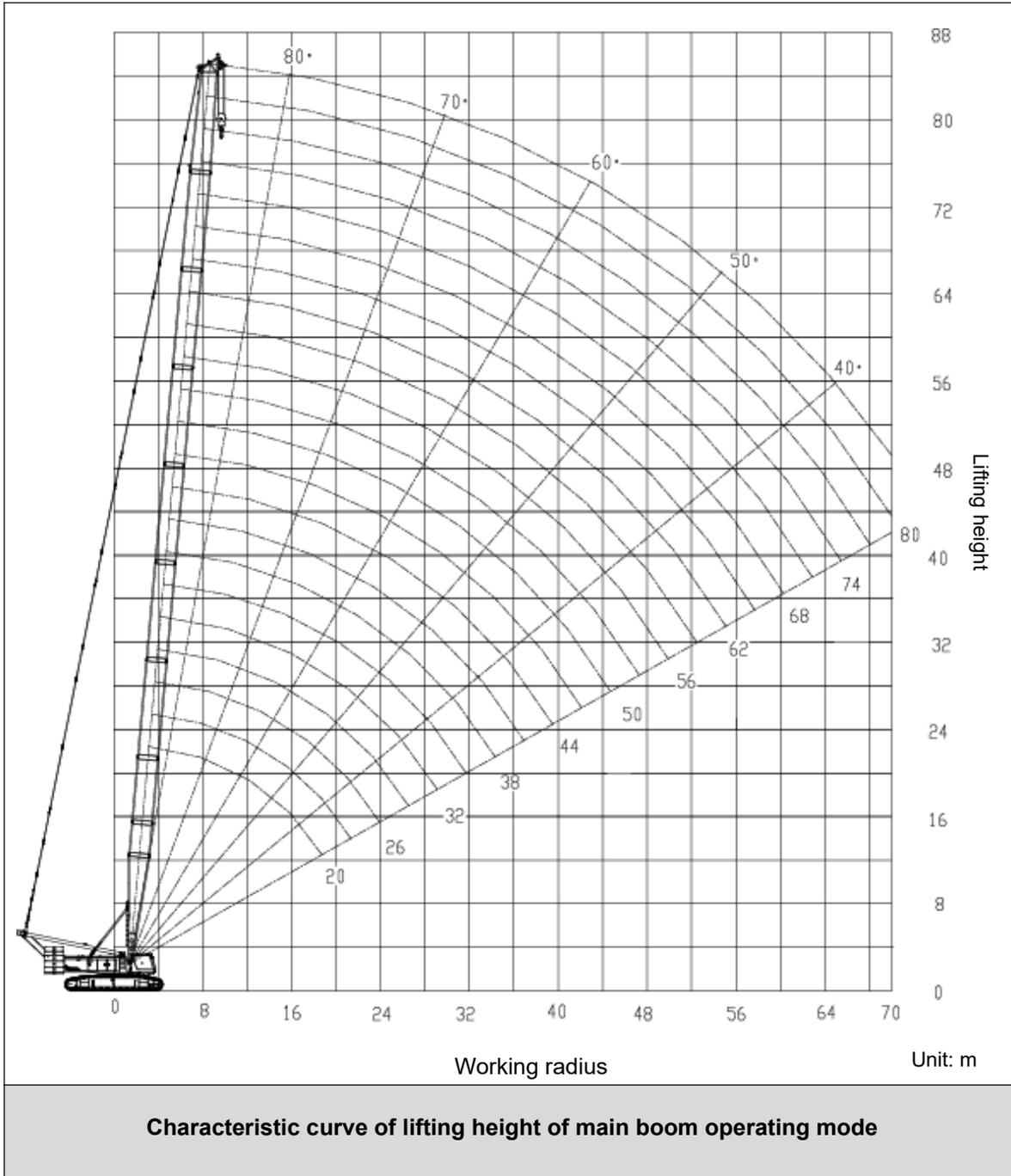


S boom



S boom (with fixed jib)

Characteristic curve of lifting height of operating mode S



1. For operating mode S, main boom length = 20m~83m.
2. Boom deflection is not considered in the curve of lifting height of main boom.

2. Lifting capacity charts

Operating mode S

Rear counterweight: 70.75t Central ballast: 24t Slewing of 360°

Radius (m)	Boom length (m)											Radius (m)
	20	23	26	29	32	35	38	41	44	47	50	
4.5	200											4.5
6	171	169	165									6
7	149	144	142	141	129							7
8	132.8	130.8	129.8	125.8	123	117	104.4	102				8
9	114.8	114.8	118.8	108.8	106	104.8	104	100	91.7	91.7	79.8	9
10	98.7	98.7	98.1	97	96	95.4	94.1	93.5	89.2	89	79.3	10
11	89.2	88.5	88.5	87.5	87.5	87	86.1	85.6	85	83	79	11
12	80.6	80.4	80.1	80	80	79.8	79.5	79	79	78.2	75.6	12
13	73.0	72.9	72.8	72.7	72.7	72.4	71.9	71.7	71.7	71.4	70.3	13
14	67.9	67.9	67.9	67.9	67.9	67.5	66.9	66.9	66.9	66.9	66.7	14
15	62.6	62.6	62.1	62.1	62.1	62.0	61.7	61.4	61.2	60.9	60.5	15
16	59	59	58.3	58.3	58.3	58.3	58.3	57.7	57.4	56.9	56.4	16
17	54.0	54.0	53.7	53.6	53.5	53.4	53.4	53.0	52.7	52.2	51.8	17
18	50.7	50.7	50.6	50.5	50.3	50.2	50.1	49.9	49.6	49.1	48.7	18
19	48.3	46.7	46.6	46.6	46.4	46.3	46.1	45.9	45.8	45.5	45.1	19
20		44.1	44	44	43.8	43.7	43.5	43.3	43.2	43.1	42.7	20
22			38.8	38.8	38.6	38.5	38.4	38.1	38	37.9	37.7	22
24			34.6	34.6	34.4	34.3	34.2	34	33.8	33.7	33.5	24
26				31.1	31	30.9	30.7	30.5	30.4	30.2	30.1	26
28					28.1	28	27.8	27.6	27.5	27.4	27.2	28
30						25.5	25.4	25.2	25	24.9	24.7	30
32						23.4	23.2	23	22.9	22.8	22.6	32
34							21.4	21.2	21	20.9	20.7	34
36								19.5	19.4	19.3	19.1	36
38									17.9	17.8	17.6	38
40									16.6	16.5	16.3	40
42										15.4	15.2	42
44											14.1	44
RR	16	14	13	11	10	9	8	8	7	7	6	RR
Permissible wind speed	15										13.8	m/s

("RR": Recommended Reeving)

Radius (m)	Boom length (m)											Radius (m)	
	53	56	59	62	65	68	71	74	77	80	83		
9	77.5											9	
10	76.1	66.2										10	
11	74.8	66	61.2									11	
12	73.4	64.8	59.8	55.8	51.4	46.8						12	
13	69.0	63.4	57.6	54.1	50.1	46.3	43.7					13	
14	66	62.5	56.2	52.9	49.2	45.9	42	37.4	34	31.8		14	
15	59.9	58.2	55.0	50.6	46.4	44.0	40.9	36.6	33.3	31.1		15	
16	55.8	55.3	54.2	49	44.6	42.7	40.1	36	32.8	30.7	27.5	16	
17	51.2	50.8	50.1	47.7	42.9	39.8	37.9	34.9	32.0	29.7	25.6	17	
18	48.2	47.8	47.3	46.8	41.8	37.8	36.5	34.2	31.4	29	24.3	18	
19	44.6	44.3	43.8	43.3	40.9	37.0	34.4	32.3	30.3	28.0	23.8	19	
20	42.2	41.9	41.4	41	40.3	36.4	33	31	29.5	27.4	23.4	20	
22	37.5	37.1	36.7	36.3	36	35.2	31.9	28.5	27.5	25.6	22.9	22	
24	33.3	33.2	32.9	32.5	32.2	31.8	30.7	27.5	24.8	23.5	21.8	24	
26	29.9	29.8	29.5	29.3	29	28.6	28.3	26.5	23.5	21.5	21.6	26	
28	27	26.9	26.6	26.5	26.3	26	25.6	25	22.7	20.5	19.8	28	
30	24.5	24.4	24.2	24	23.8	23.6	23.3	22.7	21.9	19.7	18.2	30	
32	22.4	22.3	22	21.8	21.7	21.5	21.3	20.7	20.7	19	17.2	32	
34	20.5	20.4	20.2	20	19.8	19.6	19.4	18.9	19	18.4	16.5	34	
36	18.9	18.8	18.5	18.4	18.2	18	17.8	17.2	17.4	17.2	15.9	36	
38	17.5	17.3	17.1	16.9	16.8	16.5	16.3	15.8	15.9	15.7	15.4	38	
40	16.2	16.1	15.8	15.6	15.5	15.2	15	14.5	14.6	14.4	14.3	40	
42	15	14.9	14.7	14.5	14.3	14.1	13.9	13.3	13.5	13.3	13.1	42	
44	14	13.8	13.6	13.4	13.3	13	12.8	12.3	12.4	12.2	12.1	44	
46	13	12.9	12.7	12.5	12.3	12.1	11.9	11.3	11.5	11.3	11.1	46	
48		12	11.8	11.6	11.5	11.2	11	10.4	10.6	10.4	10.2	48	
50		11.2	11	10.8	10.7	10.4	10.2	9.7	9.8	9.6	9.5	50	
52			10.3	10.1	9.9	9.7	9.5	8.9	9.1	8.9	8.7	52	
54				9.4	9.3	9	8.8	8.3	8.4	8.2	8.1	54	
56					8.6	8.4	8.2	7.6	7.8	7.6	7.4	56	
58					8	7.8	7.6	7	7.2	7	6.9	58	
60						7.3	7.1	6.5	6.7	6.5	6.3	60	
62							6.6	6	6.2	6	5.8	62	
64								5.5	5.7	5.5	5.3	64	
66								5.1	5.3	5.1	4.9	66	
68									4.9	4.7	4.5	68	
70										4.3	4.1	70	
RR	6	5	5	5	4	4	4	4	3	3	3	RR	
Permissible wind speed	13.8						11.3						m/s

("RR": Recommended Reeving)

Lifting Capacity on S Boom with Tip Boom

Rear counterweight: 70.75t Central ballast: 24t Full range of slewing: 360° (Single reeving)

Radius (m)	Boom length (m)											Radius (m)
	20	23	26	29	32	35	38	41	44	47	50	
4.5	12											4.5
6	12	12	12									6
7	12	12	12	12	12							7
8	12	12	12	12	12	12	12	12				8
9	12	12	12	12	12	12	12	12	12	12	12	9
10	12	12	12	12	12	12	12	12	12	12	12	10
11	12	12	12	12	12	12	12	12	12	12	12	11
12	12	12	12	12	12	12	12	12	12	12	12	12
13	12	12	12	12	12	12	12	12	12	12	12	13
14	12	12	12	12	12	12	12	12	12	12	12	14
15	12	12	12	12	12	12	12	12	12	12	12	15
16	12	12	12	12	12	12	12	12	12	12	12	16
17	12	12	12	12	12	12	12	12	12	12	12	17
18	12	12	12	12	12	12	12	12	12	12	12	18
19	12	12	12	12	12	12	12	12	12	12	12	19
20		12	12	12	12	12	12	12	12	12	12	20
22			12	12	12	12	12	12	12	12	12	22
24			12	12	12	12	12	12	12	12	12	24
26				12	12	12	12	12	12	12	12	26
28					12	12	12	12	12	12	12	28
30						12	12	12	12	12	12	30
32						12	12	12	12	12	12	32
34							12	12	12	12	12	34
36								12	12	12	12	36
38									12	12	12	38
40									12	12	12	40
42										12	12	42
44											12	44
Permissible wind speed	15						13.8					m/s

Radius (m)	Boom length (m)											Radius (m)
	53	56	59	62	65	68	71	74	77	80	83	
9	12											9
10	12	12										10
11	12	12	12									11
12	12	12	12	12	12	12						12
13	12	12	12	12	12	12	12					13
14	12	12	12	12	12	12	12	12	12	12		14
15	12	12	12	12	12	12	12	12	12	12		15
16	12	12	12	12	12	12	12	12	12	12	12	16
17	12	12	12	12	12	12	12	12	12	12	12	17
18	12	12	12	12	12	12	12	12	12	12	12	18
19	12	12	12	12	12	12	12	12	12	12	12	19
20	12	12	12	12	12	12	12	12	12	12	12	20
22	12	12	12	12	12	12	12	12	12	12	12	22
24	12	12	12	12	12	12	12	12	12	12	12	24
26	12	12	12	12	12	12	12	12	12	12	12	26
28	12	12	12	12	12	12	12	12	12	12	12	28
30	12	12	12	12	12	12	12	12	12	12	12	30
32	12	12	12	12	12	12	12	12	12	12	12	32
34	12	12	12	12	12	12	12	12	12	12	12	34
36	12	12	12	12	12	12	12	12	12	12	12	36
38	12	12	12	12	12	12	12	12	12	12	12	38
40	12	12	12	12	12	12	12	12	12	12	12	40
42	12	12	12	12	12	12	12	12	12	12	12	42
44	12	12	12	12	12	12	12	12	12	12	12	44
46	12	12	12	12	12	12	11.9	11.3	11.5	11.3	11.1	46
48		12	11.8	11.6	11.5	11.2	11	10.4	10.6	10.4	10.2	48
50		11.2	11	10.8	10.7	10.4	10.2	9.7	9.8	9.6	9.5	50
52			10.3	10.1	9.9	9.7	9.5	8.9	9.1	8.9	8.7	52
54				9.4	9.3	9	8.8	8.3	8.4	8.2	8.1	54
56					8.6	8.4	8.2	7.6	7.8	7.6	7.4	56
58					8	7.8	7.6	7	7.2	7	6.9	58
60						7.3	7.1	6.5	6.7	6.5	6.3	60
62							6.6	6	6.2	6	5.8	62
64								5.5	5.7	5.5	5.3	64
66								5.1	5.3	5.1	4.9	66
68									4.9	4.7	4.5	68
70										4.3	4.1	70
Permissible wind speed	13.8					11.3					m/s	

Lifting Capacity on S Boom with Tip Boom

Rear counterweight: 70.75t Central ballast: 24t Full range of slewing: 360° (Double reeving)

Radius (m)	Boom length (m)											Radius (m)	
	20	23	26	29	32	35	38	41	44	47	50		
4.5	24											4.5	
6	24	24	24									6	
7	24	24	24	24	24							7	
8	24	24	24	24	24	24	24	24				8	
9	24	24	24	24	24	24	24	24	24	24	24	9	
10	24	24	24	24	24	24	24	24	24	24	24	10	
11	24	24	24	24	24	24	24	24	24	24	24	11	
12	24	24	24	24	24	24	24	24	24	24	24	12	
13	24	24	24	24	24	24	24	24	24	24	24	13	
14	24	24	24	24	24	24	24	24	24	24	24	14	
15	24	24	24	24	24	24	24	24	24	24	24	15	
16	24	24	24	24	24	24	24	24	24	24	24	16	
17	24	24	24	24	24	24	24	24	24	24	24	17	
18	24	24	24	24	24	24	24	24	24	24	24	18	
19	24	24	24	24	24	24	24	24	24	24	24	19	
20		24	24	24	24	24	24	24	24	24	24	20	
22			24	24	24	24	24	24	24	24	24	22	
24			24	24	24	24	24	24	24	24	24	24	
26				24	24	24	24	24	24	24	24	26	
28					24	24	24	24	24	24	24	28	
30						24	24	24	24	24	24	30	
32							23.4	23.2	23	22.9	22.8	22.6	32
34								21.4	21.2	21	20.9	20.7	34
36									19.5	19.4	19.3	19.1	36
38										17.9	17.8	17.6	38
40										16.6	16.5	16.3	40
42											15.4	15.2	42
44												14.1	44
Permissible wind speed	15						13.8						m/s

Radius (m)	Boom length (m)											Radius (m)
	53	56	59	62	65	68	71	74	77	80	83	
9	24											9
10	24	24										10
11	24	24	24									11
12	24	24	24	24	24	24						12
13	24	24	24	24	24	24	24					13
14	24	24	24	24	24	24	24	24	24	24		14
15	24	24	24	24	24	24	24	24	24	24		15
16	24	24	24	24	24	24	24	24	24	24	24	16
17	24	24	24	24	24	24	24	24	24	24	24	17
18	24	24	24	24	24	24	24	24	24	24	24	18
19	24	24	24	24	24	24	24	24	24	24	23.8	19
20	24	24	24	24	24	24	24	24	24	24	23.4	20
22	24	24	24	24	24	24	24	24	24	24	22.9	22
24	24	24	24	24	24	24	24	24	24	23.5	21.8	24
26	24	24	24	24	24	24	24	24	23.5	21.5	21.6	26
28	24	24	24	24	24	24	24	24	22.7	20.5	19.8	28
30	24	24	24	24	23.8	23.6	23.3	22.7	21.9	19.7	18.2	30
32	22.4	22.3	22	21.8	21.7	21.5	21.3	20.7	20.7	19	17.2	32
34	20.5	20.4	20.2	20	19.8	19.6	19.4	18.9	19	18.4	16.5	34
36	18.9	18.8	18.5	18.4	18.2	18	17.8	17.2	17.4	17.2	15.9	36
38	17.5	17.3	17.1	16.9	16.8	16.5	16.3	15.8	15.9	15.7	15.4	38
40	16.2	16.1	15.8	15.6	15.5	15.2	15	14.5	14.6	14.4	14.3	40
42	15	14.9	14.7	14.5	14.3	14.1	13.9	13.3	13.5	13.3	13.1	42
44	14	13.8	13.6	13.4	13.3	13	12.8	12.3	12.4	12.2	12.1	44
46	13	12.9	12.7	12.5	12.3	12.1	11.9	11.3	11.5	11.3	11.1	46
48		12	11.8	11.6	11.5	11.2	11	10.4	10.6	10.4	10.2	48
50		11.2	11	10.8	10.7	10.4	10.2	9.7	9.8	9.6	9.5	50
52			10.3	10.1	9.9	9.7	9.5	8.9	9.1	8.9	8.7	52
54				9.4	9.3	9	8.8	8.3	8.4	8.2	8.1	54
56					8.6	8.4	8.2	7.6	7.8	7.6	7.4	56
58					8	7.8	7.6	7	7.2	7	6.9	58
60						7.3	7.1	6.5	6.7	6.5	6.3	60
62							6.6	6	6.2	6	5.8	62
64								5.5	5.7	5.5	5.3	64
66								5.1	5.3	5.1	4.9	66
68									4.9	4.7	4.5	68
70										4.3	4.1	70
Permissible wind speed	13.8					11.3					m/s	

 **CAUTION**

1. Lifting capacities for the operating mode of tip boom are lifting capacities of the main boom of the same radius, which must not exceed 12t.
2. Lifting capacities of the main boom with a tip boom are the same as those of the main boom without a tip boom.
3. It is prohibited to use the main hook and the auxiliary hook on tip boom simultaneously.

 **WARNING**

1. Values in lifting capacity charts include the weight of sling and wire rope. The actual weight of load should be less than the value.
2. Values in lifting capacity charts are provided on the basis of the fact that the ground is solid and flat and the load is freely suspended.
3. Blank area in chart represents non-working area, where operation is prohibited.

Operating mode S (with fixed jib)

Unit: t

Main boom length	47							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
10	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
11	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
12	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
14	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
16	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
18	45.9	45.5	45.1	44.6	44	43.6	42.9	42.4
20	39.6	39.2	38.9	38.3	38.2	37.4	37.4	36.3
22	34.4	34.1	33.8	33.2	33	32.3	32.3	31.3
24	30.3	30	29.6	29.2	28.9	28.3	28.1	27.3
26	26.8	26.6	26.2	25.8	25.5	24.9	24.7	24
28	24	23.7	23.3	22.9	22.6	22.1	21.9	21.2
30	21.5	21.3	20.9	20.5	20.2	19.7	19.4	18.9
32	19.4	19.1	18.7	18.4	18.1	17.7	17.3	16.8
34	17.5	17.3	16.9	16.6	16.2	15.9	15.5	15.1
36	15.9	15.7	15.3	15	14.6	14.3	13.9	13.5
38	14.4	14.3	13.8	13.6	13.2	12.9	12.5	12.2
Recommended reeving	4	4	4	4	4	4	4	4
Permissible wind speed m/s	11.3							

Operating mode S (with fixed jib)

Unit: t

Main boom length	50							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
10	35	35	35	35	35	35	35	35
11	35	35	35	35	35	35	35	35
12	35	35	35	35	35	35	35	35
14	35	35	35	35	35	35	35	35
16	35	35	35	35	35	35	35	35
18	35	35	35	35	35	35	35	35
20	35	35	35	35	35	35	35	35
22	34.3	33.9	33.6	33.1	32.9	32.2	32.2	31.2
24	30.1	29.8	29.5	29	28.8	28.1	28	27.2
26	26.7	26.4	26.1	25.6	25.4	24.8	24.6	23.9
28	23.8	23.5	23.2	22.8	22.5	22	21.8	21.1
30	21.3	21.1	20.7	20.4	20	19.6	19.3	18.7
32	19.2	19	18.6	18.3	17.9	17.5	17.2	16.7
34	17.3	17.1	16.7	16.5	16.1	15.7	15.4	14.9
36	15.7	15.5	15.1	14.9	14.5	14.2	13.8	13.4
38	14.3	14.1	13.7	13.5	13	12.8	12.3	12
40	13	12.8	12.4	12.2	11.8	11.5	11.1	10.8
Recommended reeving	3	3	3	3	3	3	3	3
Permissible wind speed m/s	10.6							

Operating mode S (with fixed jib)

Unit: t

Main boom length	53							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
10	35	35	35	35	35	35	35	35
11	35	35	35	35	35	35	35	35
12	35	35	35	35	35	35	35	35
14	35	35	35	35	35	35	35	35
16	35	35	35	35	35	35	35	35
18	35	35	35	35	35	35	35	35
20	35	35	35	35	35	35	35	35
22	34.2	33.8	33.5	33	32.8	32.1	32.1	31.1
24	30	29.7	29.4	28.9	28.7	28	28	27.1
26	26.5	26.2	25.9	25.5	25.2	24.6	24.5	23.7
28	23.6	23.4	23	22.6	22.4	21.8	21.7	21
30	21.2	20.9	20.6	20.2	19.9	19.4	19.2	18.6
32	19	18.8	18.4	18.1	17.8	17.4	17.1	16.6
34	17.2	17	16.6	16.3	15.9	15.6	15.3	14.8
36	15.5	15.4	15	14.7	14.3	14	13.7	13.2
38	14.1	13.9	13.5	13.3	12.9	12.6	12.2	11.9
40	12.8	12.7	12.3	12.1	11.6	11.4	11	10.6
42	11.7	11.5	11.1	10.9	10.5	10.2	9.8	9.5
Recommended reeving	3	3	3	3	3	3	3	3
Permissible wind speed m/s	10.6							

Operating mode S (with fixed jib)

Unit: t

Main boom length	56							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
11	35	35	35	35	35	35	35	35
12	35	35	35	35	35	35	35	35
14	35	35	35	35	35	35	35	35
16	35	35	35	35	35	35	35	35
18	35	35	35	35	35	35	35	35
20	35	35	35	35	35	35	35	35
22	34	33.7	33.3	32.9	32.6	32	31.8	31
24	29.9	29.5	29.3	28.8	28.6	27.9	27.9	27
26	26.4	26.1	25.8	25.4	25.2	24.6	24.5	23.7
28	23.5	23.3	22.9	22.5	22.3	21.8	21.6	20.9
30	21.1	20.8	20.5	20.1	19.8	19.3	19.2	18.5
32	18.9	18.7	18.4	18	17.7	17.3	17.1	16.5
34	17.1	16.9	16.5	16.2	15.9	15.5	15.2	14.7
36	15.5	15.3	14.9	14.6	14.3	13.9	13.6	13.2
38	14	13.8	13.5	13.2	12.8	12.5	12.2	11.8
40	12.7	12.6	12.2	12	11.6	11.3	10.9	10.6
42	11.6	11.4	11	10.8	10.4	10.2	9.8	9.5
44	10.5	10.4	10	9.8	9.4	9.1	8.7	8.5
Recommended reeving	3	3	3	3	3	3	3	3
Permissible wind speed m/s	10.6							

Operating mode S (with fixed jib)

Unit: t

Main boom length	59							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
12	35	35	35	35	35	35	35	35
14	35	35	35	35	35	35	35	35
16	35	35	35	35	35	35	35	35
18	35	35	35	35	35	35	35	35
20	35	35	35	35	35	35	35	35
22	33.5	33.2	32.9	32.4	32.1	31.5	31.4	30.6
24	29.7	29.4	29.1	28.6	28.4	27.8	27.6	26.8
26	26.2	25.9	25.6	25.2	25	24.4	24.3	23.5
28	23.3	23	22.8	22.3	22.1	21.6	21.4	20.7
30	20.9	20.6	20.3	19.9	19.7	19.2	19	18.3
32	18.7	18.5	18.2	17.8	17.5	17.1	16.9	16.3
34	16.9	16.6	16.3	16	15.7	15.3	15	14.5
36	15.3	15.1	14.7	14.4	14.1	13.7	13.4	13
38	13.8	13.6	13.2	13	12.6	12.3	12	11.6
40	12.5	12.3	12	11.7	11.4	11.1	10.7	10.3
42	11.4	11.2	10.8	10.6	10.2	9.9	9.6	9.2
44	10.3	10.2	9.8	9.6	9.2	8.9	8.6	8.3
46	9.4	9.2	8.8	8.7	8.2	8	7.6	7.4
Recommended reeving	3	3	3	3	3	3	3	3
Permissible wind speed m/s	10.6							

Operating mode S (with fixed jib)

Unit: t

Main boom length	62							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
12	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
14	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
16	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
18	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
20	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
22	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
24	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
26	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
28	23.2	22.9	22.6	22.2	22	21.4	21.3	20.6
30	20.7	20.4	20.1	19.8	19.5	19	18.9	18.2
32	18.6	18.3	18	17.7	17.4	16.9	16.8	16.2
34	16.7	16.5	16.2	15.8	15.6	15.1	14.9	14.4
36	15.1	14.9	14.5	14.2	13.9	13.5	13.3	12.8
38	13.7	13.5	13.1	12.8	12.5	12.2	11.9	11.4
40	12.3	12.2	11.8	11.6	11.2	10.9	10.6	10.2
42	11.2	11	10.7	10.4	10.1	9.8	9.5	9.1
44	10.1	10	9.6	9.4	9	8.8	8.4	8.1
46	9.2	9.1	8.7	8.5	8.1	7.9	7.5	7.2
48	8.3	8.2	7.8	7.6	7.2	7	6.6	6.4
Recommended reeving	2	2	2	2	2	2	2	2
Permissible wind speed m/s	10.6							

Operating mode S (with fixed jib)

Unit: t

Main boom length	65							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
12	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
14	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
16	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
18	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
20	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
22	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
24	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
26	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.3
28	23	22.7	22.5	22	21.8	21.3	21.2	20.4
30	20.6	20.3	20	19.6	19.4	18.9	18.8	18.1
32	18.4	18.2	17.9	17.5	17.3	16.8	16.6	16
34	16.6	16.3	16	15.7	15.4	15	14.8	14.3
36	14.9	14.7	14.4	14.1	13.8	13.4	13.2	12.7
38	13.5	13.3	13	12.7	12.4	12	11.8	11.3
40	12.2	12	11.7	11.4	11.1	10.8	10.5	10.1
42	11.1	10.9	10.5	10.3	10	9.6	9.3	9
44	10	9.8	9.5	9.3	8.9	8.6	8.3	8
46	9.1	8.9	8.6	8.4	8	7.7	7.4	7.1
48	8.2	8.1	7.7	7.5	7.1	6.9	6.5	6.2
50	7.4	7.3	6.9	6.7	6.3	6.1	5.7	5.5
Recommended reeving	2	2	2	2	2	2	2	2
Permissible wind speed m/s	10.6							

Operating mode S (with fixed jib)

Unit: t

Main boom length	68							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
12	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
14	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
16	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
18	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
20	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
22	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
24	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
26	23.4	23.4	23.4	23.4	23.4	23.4	23.4	22.9
28	22.8	22.5	22.2	21.8	21.6	21.1	20.9	20.3
30	20.4	20.1	19.8	19.4	19.2	18.7	18.6	17.9
32	18.2	18	17.7	17.3	17.1	16.6	16.5	15.8
34	16.4	16.1	15.8	15.5	15.2	14.8	14.6	14.1
36	14.7	14.5	14.2	13.9	13.6	13.2	13	12.5
38	13.3	13.1	12.8	12.5	12.2	11.8	11.6	11.1
40	12	11.8	11.5	11.2	10.9	10.6	10.3	9.9
42	10.9	10.7	10.3	10.1	9.8	9.4	9.2	8.8
44	9.8	9.6	9.3	9.1	8.7	8.4	8.1	7.8
46	8.9	8.7	8.3	8.1	7.8	7.5	7.2	6.9
48	8	7.8	7.5	7.3	6.9	6.7	6.3	6
50	7.2	7.1	6.7	6.5	6.1	5.9	5.6	5.3
52	6.5	6.3	6	5.8	5.4	5.2	4.8	4.6
54	5.8	5.7	5.3	5.1	4.8	4.6	4.2	3.9
Recommended reeving	2	2	2	2	2	2	2	2
Permissible wind speed m/s	10.6							

Operating mode S (with fixed jib)

Unit: t

Main boom length	71							
Fixed jib length	13		19		25		31	
Radius/included angle	10°	30°	10°	30°	10°	30°	10°	30°
14	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
16	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
18	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
20	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
22	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
24	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
26	23.4	23.4	23.4	23.4	23.4	23.4	23.2	22.6
28	22.5	22.3	21.9	21.6	21.3	20.8	20.6	20
30	20.2	19.9	19.7	19.3	19.1	18.5	18.4	17.7
32	18.1	17.8	17.5	17.1	16.9	16.4	16.3	15.7
34	16.2	16	15.7	15.3	15.1	14.6	14.5	13.9
36	14.6	14.3	14	13.7	13.5	13.1	12.9	12.3
38	13.1	12.9	12.6	12.3	12	11.6	11.4	10.9
40	11.8	11.6	11.3	11	10.8	10.4	10.2	9.7
42	10.7	10.5	10.1	9.9	9.6	9.3	9	8.6
44	9.6	9.4	9.1	8.9	8.5	8.2	8	7.6
46	8.7	8.5	8.2	7.9	7.6	7.3	7	6.7
48	7.8	7.7	7.3	7.1	6.8	6.5	6.2	5.9
50	7	6.9	6.5	6.3	6	5.7	5.4	5.1
52	6.3	6.2	5.8	5.6	5.3	5	4.7	4.4
54	5.6	5.5	5.1	5	4.6	4.4	4	3.8
56	5	4.9	4.5	4.4	4	3.8	3.4	3.2
Recommended reeving	2	2	2	2	2	2	2	2
Permissible wind speed m/s	10.6							

 **WARNING**

1. Values in lifting capacity charts include the weight of sling and wire rope. The actual weight of load should be less than the value.
2. Values in lifting capacity charts are provided on the basis of the fact that the ground is solid and flat and the load is freely suspended.
3. Blank area in chart represents non-working area, where operation is prohibited.

 **WARNING**

For fixed jib operating mode (with the primary hook) and main boom operating mode (with fixed jib), the primary hook on main boom head must be reeved with H2 and the auxiliary hook on jib head must be reeved with H1. Otherwise, the hoisting rope will be twined or damaged.

ZOOMLION

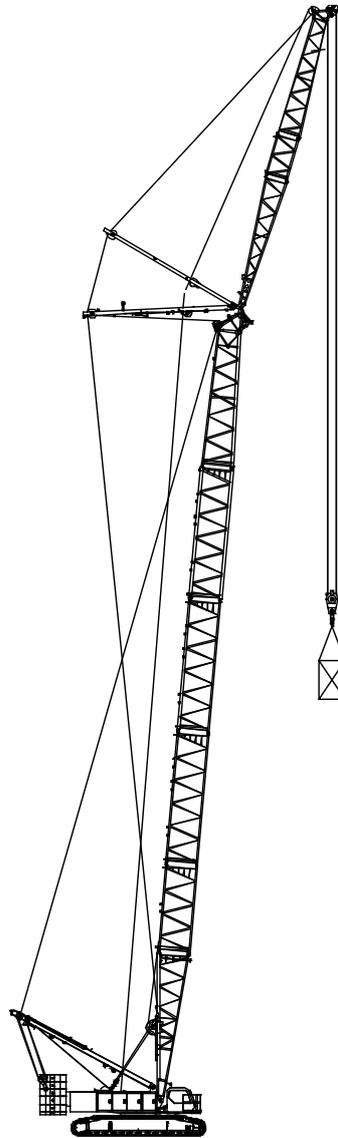
Lifting Capacity Charts for Crawler Crane

Chapter 3 Lifting Capacity on SW Boom



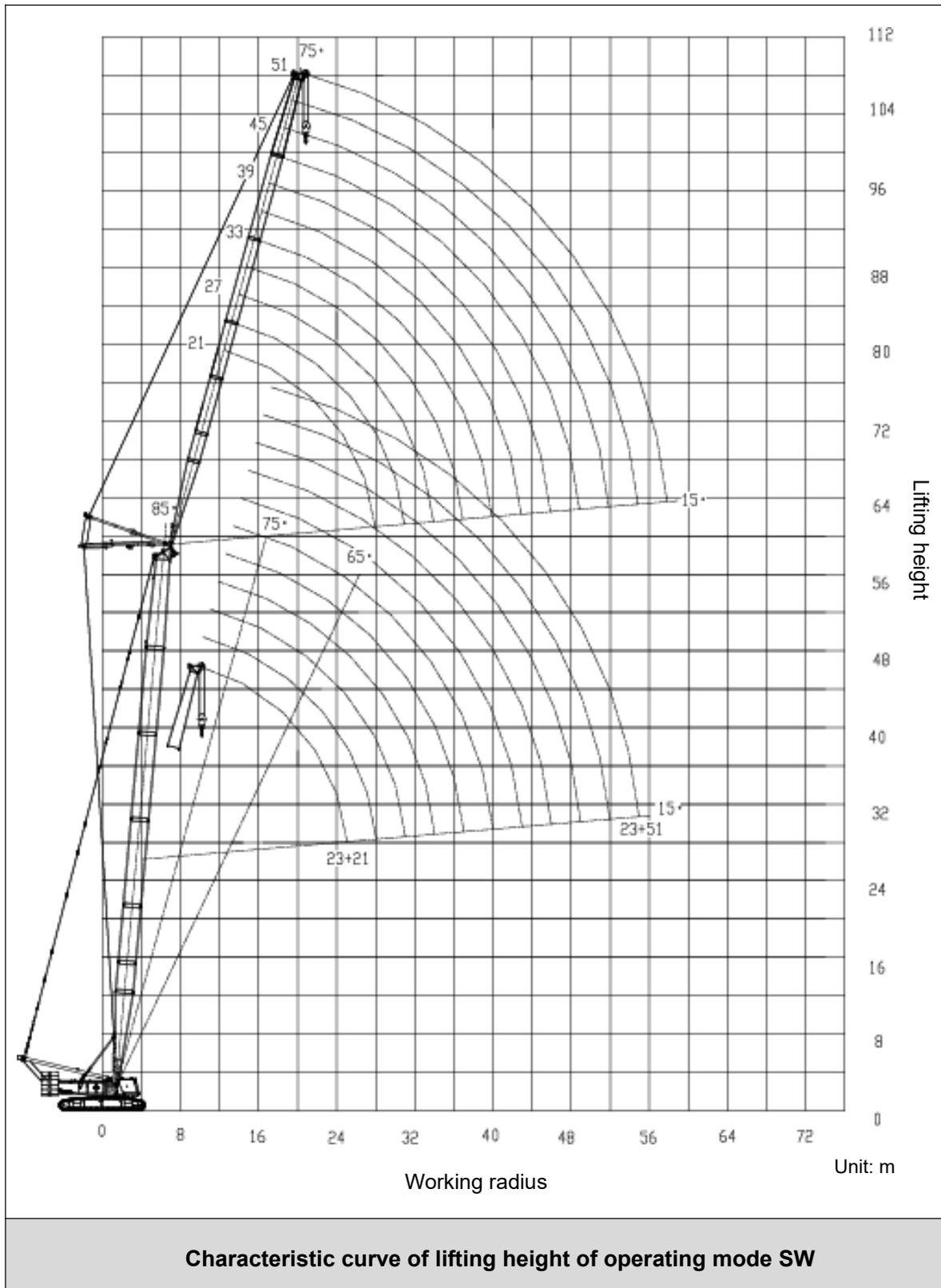
1. Illustration of the operating mode

吊钩在最低位置



Operating mode SW

Characteristic curve of lifting height of operating mode SW



 **CAUTION**

1. For operating mode SW, main boom length = 23m~56m; luffing jib length = 21m~51m.
2. For operating mode SW, the longest boom length = 56m+51m.
3. Boom deflection is not considered in the curve of lifting height.
4. If the main boom elevation angle is 85°, luffing jib angle ranges between 15°~75°;
If the main boom elevation angle is 75°, luffing jib angle ranges between 15°~65°;
If the main boom elevation angle is 65°, luffing jib angle ranges between 15°~55°;
The upper included angle between main boom and luffing jib must not be smaller than 10°.

2. Lifting capacity charts

Operating mode SW

Main boom 23m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
12	52.9			48.3			43			12
14	49.3			47.9			42.5			14
16	40.1			40.8			40.8			16
18	33.3	49.1		34.2			34.5			18
20	27.9	42.1		29.1	42.5		29.6			20
22	23.3	35.2		24.9	35.8		25.6	36		22
24	18.9	29.7		21.3	30.6		22.3	31		24
26		25.1	30.3	18	26.4		19.4	27		26
28		20.7	27.7		22.8	27.6	16.8	23.6		28
30			25.5		19.5	25.4	14.1	20.8	25.3	30
32			22			23.6		18.1	23.5	32
34						20.6		15.5	21.6	34
36									19	36
38									16.4	38
RR	4	4	3	4	4	3	4	3	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 23m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	36.7			31.2						14
16	36.1			30.8			26.3			16
18	34.8			30.4			26			18
20	29.9			29.3			25.6			20
22	26.1	32.1		26.2			25			22
24	22.9	31.2		23.1	27		23.3			24
26	20.2	27.3		20.6	27		20.8	22.9		26
28	17.8	24.1		18.3	24.2		18.7	22.8		28
30	15.7	21.4	25.2	16.3	21.6		16.8	21.8		30
32	13.5	19	23.4	14.5	19.4	23.2	15.1	19.6		32
34		16.9	21.7	12.8	17.4	21.6	13.6	17.7	20.1	34
36		14.8	19.8	10.9	15.6	20	12.1	16	20.1	36
38			17.7		13.9	18.1	10.6	14.5	18.3	38
40			15.6		12	16.3		13.1	16.7	40
42						14.6		11.6	15.2	42
44						12.9			13.8	44
46									12.3	46
RR	3	3	2	3	3	2	2	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 23m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	22.7			19.8						16
18	22.4			19.4			17			18
20	22			19.1			16.6			20
22	21.6			18.7			16.3			22
24	21.2			18.4			15.9			24
26	20.7	19.6		18			15.6			26
28	18.9	19.5		17.5	16.9		15.3	14.7		28
30	17	19.4		17	16.7		14.9	14.5		30
32	15.4	19.3		15.5	16.6		14.5	14.3		32
34	14	17.9		14.1	16.4		14.2	14.1		34
36	12.7	16.3	17.2	12.9	16.2		13.1	13.9		36
38	11.4	14.8	17.3	11.7	14.9	14.8	12	13.7		38
40	10.2	13.5	16.9	10.6	13.7	14.8	11	13.2	12.7	40
42	8.8	12.3	15.4	9.6	12.5	14.8	10	12.7	12.6	42
44		11	14.1	8.5	11.4	14.2	9.1	11.7	12.6	44
46		9.7	12.9		10.4	13.1	8.2	10.7	12.5	46
48			11.7		9.3	12		9.8	11.9	48
50						11		8.9	11.3	50
52						9.9			10.4	52
54									9.5	54
RR	2	2	2	2	2	2	2	2	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 23m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
18	14.9			9.4						18	
20	14.5			9						20	
22	14.2			8.7						22	
24	13.9			8.4						24	
26	13.6			8.1						26	
28	13.3			7.8						28	
30	13	12.6		7.5						30	
32	12.7	12.4		7.3	10.8					32	
34	12.4	12.2		7.1	10.6					34	
36	12.1	12		6.9	10.4					36	
38	11.7	11.8		6.7	10.3					38	
40	11	11.6		6.5	10.1					40	
42	9.8	11.5	10.9	6.4	9.9	9.4				42	
44	9.2	11.2	10.8	6.3	9.7	9.3				44	
46	8.6	10.9	10.7	6.2	9.5	9.2				46	
48	7.8	9.9	10.6	5.9	9.3	9.1				48	
50	6.9	9.1	10.5	5.6	8.3	9				50	
52		8.5	10.4	5.4	7.7	8.8				52	
54		7.6	9.3		7.3	8.7				54	
56			8.8		6.7	7.9				56	
58			8.2			7.4				58	
60						7.1				60	
62										62	
64										64	
RR	2	1	1	1	1	1				RR	
Permissible wind speed	11.3										m/s

("RR": Recommended Reeving)

Main boom 26m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
12	52.8			47.3						12
14	51			46.8			41.9			14
16	41.4			41.8			41.1			16
18	34.3			35			35.5			18
20	28.8	42.7		29.8	42.6		30.4			20
22	24.1	37.9		25.5	37.9		26.3	37.4		22
24	19.7	31.9		21.9	32.6		22.9	33		24
26		27	29.9	18.5	28		20	28.6		26
28		22.7	27.3		24.3	27.2	17.3	25		28
30			25.2		20.9	25.1	14.6	22	25	30
32			23.3		17.5	23.2		19.3	23.1	32
34						21.6		16.7	21.5	34
36						19.4			20.1	36
38									18.3	38
RR	4	4	3	4	4	3	4	3	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 26m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	35.9			30.5						14
16	35.6			30.2			25.9			16
18	34.6			29.8			25.5			18
20	30.5			29.5			25.2			20
22	26.6			26.8			24.8			22
24	23.3	31.4		23.7	26.4		23.8			24
26	20.6	28.7		21	26.5		21.3	22.5		26
28	18.2	25.3		18.7	25.5		19.1	22.4		28
30	16	22.4		16.7	22.7		17.1	22.4		30
32	13.9	19.9	23	14.9	20.3		15.4	20.5		32
34		17.7	21.4	13.2	18.3	21.3	13.9	18.5		34
36		15.6	20	11.4	16.4	19.9	12.4	16.8	19.7	36
38		13.4	18.8		14.7	18.6	10.9	15.2	18.5	38
40			17		12.9	17.5		13.7	17.4	40
42			14.9			15.8		12.3	16.2	42
44						14.1			14.8	44
46									13.3	46
48									11.9	48
RR	3	3	2	3	2	2	2	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 26m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	22.3			19.5						16
18	22			19.2			16.8			18
20	21.7			18.8			16.5			20
22	21.4			18.5			16.1			22
24	21			18.2			15.8			24
26	20.5			17.8			15.5			26
28	19.1	19.2		17.5	16.6		15.1			28
30	17.2	19.1		17.1	16.5		14.8	14.3		30
32	15.6	19		15.8	16.4		14.5	14.2		32
34	14.2	18.5		14.4	16.2		14.2	14		34
36	12.8	16.9		13.1	16.1		12.9	13.8		36
38	11.6	15.4	16.8	12	15.5	14.4	12.2	13.6		38
40	10.4	14	17	10.9	14.2	14.4	11.2	13.5	12.4	40
42	9	12.7	16.3	9.8	13	14.2	10.2	12.8	12.4	42
44		11.5	14.9	8.7	11.9	14	9.3	12.2	12.4	44
46		10.3	13.7		10.9	13.9	8.4	11.2	12.4	46
48			12.5		9.8	12.8	7.4	10.3	12.3	48
50			11.3			11.7		9.4	11.9	50
52						10.7		8.4	11	52
54						9.6			10.1	54
56									9.2	56
RR	2	2	2	2	2	2	2	2	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 26m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
18	14.7									18	
20	14.4			9.1						20	
22	14.1			8.7						22	
24	13.8			8.4						24	
26	13.5			8.1						26	
28	13.2			7.8						28	
30	12.9	12.5		7.6						30	
32	12.6	12.3		7.3	10.7					32	
34	12.3	12.1		7.1	10.6					34	
36	12.1	12		6.9	10.4					36	
38	11.8	11.8		6.7	10.2					38	
40	11.1	11.6		6.6	10.1					40	
42	10.5	11.5	10.7	6.4	9.9					42	
44	9.4	11.2	10.7	6.3	9.7	9.2				44	
46	8.8	11	10.6	6.2	9.5	9.2				46	
48	8	10.5	10.5	6	9.3	9.1				48	
50	7.1	9.4	10.4	5.7	9.1	9				50	
52		8.8	10.3	5.4	8	8.8				52	
54		8.1	10.2		7.5	8.7				54	
56			9.2		7.1	8.6				56	
58			8.7		6.5	7.7				58	
60						7.3				60	
62						7				62	
RR	2	1	1	1	1	1				RR	
Permissible wind speed	11.3										m/s

("RR": Recommended Reeving)

Main boom 29m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
12	51.8			46.5						12
14	51.2			45.9			39.9			14
16	42.5			43.1			40.7			16
18	35.2			36			36.2			18
20	29.5	42.4		30.6			30.9			20
22	24.8	37.8		26.2	37.7		26.8	36.1		22
24	20.4	34		22.5	33.9		23.3	33.8		24
26		28.9		19.1	29.8		20.4	30.1		26
28		24.4	27	15.5	25.8		17.7	26.3		28
30		20	24.8		22.3	24.7	15.1	23.1		30
32			23		19	22.9		20.3	22.8	32
34			21.4			21.3		17.7	21.2	34
36						19.9		15	19.8	36
38						18.2			18.6	38
40									17.3	40
RR	4	4	3	4	3	2	3	3	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 29m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	35			29.8						14
16	34.7			29.5			25.4			16
18	34.4			29.3			25.1			18
20	31.2			28.9			24.8			20
22	27.2			27.4			24.4			22
24	23.9	30.5		24.2			24.1			24
26	21.1	30.3		21.4	25.8		21.5	22		26
28	18.6	26.6		19.1	25.9		19.3	22		28
30	16.4	23.6		17.1	23.8		17.3	22		30
32	14.3	21		15.3	21.3		15.6	21.3		32
34		18.7	21.1	13.5	19.1		14.1	19.2		34
36		16.5	19.7	11.7	17.2	19.6	12.6	17.4	19	36
38		14.4	18.5		15.4	18.4	11.2	15.8	18.2	38
40			17.4		13.7	17.3		14.3	17.2	40
42			16.3			16.3		12.8	16.2	42
44						15.3		11.4	15.3	44
46						13.6			14.2	46
48									12.8	48
RR	3	3	2	3	2	2	2	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 29m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	21.9									16
18	21.7			18.9			16.5			18
20	21.4			18.6			16.3			20
22	21.1			18.3			15.9			22
24	20.7			18			15.6			24
26	20.4			17.7			15.3			26
28	19.4	18.8		17.4			15			28
30	17.6	18.8		17	16.2		14.7	14.1		30
32	15.9	18.8		15.9	16.2		14.5	14		32
34	14.4	18.7		14.7	16.1		14.2	13.9		34
36	13.1	17.6		13.4	15.9		13	13.7		36
38	11.8	16	16.4	12.2	15.8		12.4	13.6		38
40	10.6	14.6	16.6	11.1	14.8	14.1	11.4	13.4		40
42	9.3	13.3	16.1	10.1	13.6	14.2	10.4	13.2	12.2	42
44		12.1	15.2	9	12.4	14.3	9.5	12.6	12.2	44
46		10.9	14.4		11.4	14.3	8.6	11.6	12.2	46
48			13.3		10.3	13.5	7.6	10.7	12.2	48
50			12.1		9.2	12.4		9.8	12.2	50
52			10.9			11.4		8.9	11.7	52
54						10.4			10.8	54
56									9.9	56
58									8.9	58
RR	2	2	2	2	2	2	2	2	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 29m										
Jib length	48m			51m			\			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius
18	14.6									18
20	14.3			8.9						20
22	14			8.5						22
24	13.6			8.2						24
26	13.4			7.9						26
28	13.1			7.7						28
30	12.8			7.4						30
32	12.5	12.2		7.2	10.6					32
34	12.3	12		7	10.5					34
36	12	11.9		6.8	10.3					36
38	11.8	11.7		6.6	10.1					38
40	11.2	11.6		6.4	10					40
42	10.6	11.4		6.3	9.8					42
44	9.8	11.2	10.5	6.2	9.7					44
46	9	11	10.5	6.1	9.5	9				46
48	8.2	10.9	10.4	5.9	9.3	9				48
50	7.3	9.8	10.4	5.6	9.1	8.9				50
52		9.1	10.3	5.3	8	8.8				52
54		8.5	10.2	5.1	7.6	8.7				54
56		7.6	9.6		7.2	8.6				56
58			9.1		6.7	7.8				58
60			8.6			7.4				60
62						7.1				62
64						6.7				64
Permissible wind speed	11.3									m/s

("RR": Recommended Reeving)

Main boom 32m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
12	50.8			44.3						12
14	50.4			44.9			38.9			14
16	43.8			44			38.8			16
18	36.2			36.7			37.1			18
20	30.3			31.1			31.7			20
22	25.5	37.5		26.7	37.3		27.4			22
24	21.1	33.7		22.9	33.6		23.8	33.5		24
26		30.6		19.6	30.5		20.8	30.4		26
28		26.2		16.1	27.2		18.1	27.8		28
30		21.9	24.4		23.6		15.5	24.4		30
32			22.6		20.3	22.5		21.5	22.4	32
34			21.1			20.9		18.8	20.8	34
36			19.7			19.6		16.2	19.5	36
38						18.3			18.3	38
40									17.2	40
42									16.2	42
RR	4	3	2	4	3	2	3	3	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 32m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	34									14
16	33.9			28.9			24.8			16
18	33.6			28.6			24.6			18
20	31.9			28.3			24.3			20
22	27.8			27.5			24			22
24	24.3	29.5		24.4			23.7			24
26	21.5	29		21.7	25.1		21.9			26
28	19	27.7		19.3	25		19.6	21.5		28
30	16.8	24.8		17.3	24.8		17.7	21		30
32	14.7	22		15.4	22.1		15.9	20.5		32
34	12.4	19.6	20.7	13.7	19.8		14.3	20		34
36		17.4	19.3	12	17.8	19.2	12.9	18.1		36
38		15.4	18.1		16	18	11.4	16.4	17.9	38
40			17.1		14.3	16.9		14.9	16.8	40
42			16.1		12.6	16		13.5	15.9	42
44			15.2			15.1		12	15	44
46						14.3			14.2	46
48									13.5	48
50									12.3	50
RR	3	3	2	3	2	2	2	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 32m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	21.5									16
18	21.3			18.6			16.3			18
20	21			18.3			16			20
22	20.7			18			15.8			22
24	20.5			17.8			15.5			24
26	20.2			17.5			15.2			26
28	19.8	18.5		17.2			14.9			28
30	17.9	18.5		16.9	16		14.6			30
32	16.2	18.5		16.3	15.9		14.4	13.8		32
34	14.7	18.4		14.9	15.9		14.1	13.7		34
36	13.3	18.3		13.6	15.8		13.2	13.6		36
38	12.1	16.6		12.4	15.7		12.6	13.5		38
40	10.8	15.2	16.1	11.3	15.3		11.6	13.3		40
42	9.6	13.9	15.7	10.3	14.1	14	10.6	13.2		42
44		12.6	14.9	9.2	12.9	14	9.7	12.7	12	44
46		11.4	14.1		11.8	14	8.8	12	12	46
48		10.1	13.4		10.8	13.3	7.8	11.1	12	48
50			12.7		9.7	12.6		10.2	12	50
52			11.7			12		9.3	11.9	52
54						11.1		8.3	11.3	54
56						10			10.5	56
58									9.6	58
RR	2	2	2	2	2	2	2	2	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 32m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
18	14.3									18	
20	14.1			8.9						20	
22	13.8			8.6						22	
24	13.5			8.3						24	
26	13.2			8						26	
28	12.9			7.7						28	
30	12.7			7.4						30	
32	12.4	12		7.2						32	
34	12.2	11.9		7	10.4					34	
36	11.9	11.8		6.8	10.2					36	
38	11.7	11.6		6.6	10.1					38	
40	11	11.5		6.5	10					40	
42	10.5	11.3		6.3	9.8					42	
44	9.8	11.2	10.3	6.2	9.7					44	
46	9	11	10.3	6.1	9.5	8.9				46	
48	8.2	10.8	10.3	5.9	9.3	8.9				48	
50	7.4	9.8	10.3	5.6	9.1	8.8				50	
52		9.3	10.2	5.4	8.2	8.7				52	
54		8.7	10.1	5.1	7.8	8.6				54	
56		7.9	10.1		7.4	8.6				56	
58			9.2		7	8.5				58	
60			8.8		6.5	7.7				60	
62			8.2			7.3				62	
64						6.9				64	
66										66	
RR	2	1	1	1	1	1				RR	
Permissible wind speed	11.3										m/s

("RR": Recommended Reeving)

Main boom 35m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
12	49.7									12
14	49.4			42.8			38.5			14
16	44.8			40.7			38.2			16
18	37			37.7			38			18
20	31			31.9			32.4			20
22	26.1	37.1		27.3			28			22
24	21.7	33.4		23.5	33.3		24.4	33.2		24
26		30.4		20.1	30.3		21.3	30.1		26
28		27.8		16.7	27.7		18.6	27.6		28
30		23.5	24		25		15.9	25.4		30
32			22.3		21.6	22.1		22.6		32
34			20.7		18.3	20.6		19.9	20.5	34
36			19.4			19.2		17.3	19.1	36
38						18			17.9	38
40						17			16.9	40
42									15.9	42
RR	4	3	2	4	3	2	3	3	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 35m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	33									14
16	32.9			28.2			24.3			16
18	32.7			28			24.1			18
20	31.7			27.7			23.8			20
22	28.1			27.4			23.6			22
24	24.6			24.9			23.3			24
26	21.7	29		22.1	24.4		22.3			26
28	19.2	27.5		19.7	24		20	21		28
30	17	25.3		17.6	23.6		18	21		30
32	14.9	22.9		15.7	23.2		16.2	21		32
34	12.7	20.4		14	20.7		14.6	20.9		34
36		18.2	19	12.3	18.6		13.1	18.9		36
38		16.1	17.8		16.8	17.7	11.7	17.1		38
40		14	16.8		15	16.6	10.1	15.5	16.5	40
42			15.8		13.3	15.7		14.1	15.6	42
44			14.9			14.8		12.6	14.7	44
46			14.1			14.1		11.1	13.9	46
48						13.3			13.2	48
50									12.6	50
52									11.8	52
RR	3	3	2	3	2	2	2	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 35m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	21.1									16
18	20.9			18.2			16			18
20	20.6			18			15.8			20
22	20.4			17.8			15.5			22
24	20.1			17.5			15.3			24
26	19.9			17.3			15			26
28	19.6			17			14.7			28
30	18.1	18.1		16.7	15.7		14.5			30
32	16.4	18.1		16.4	15.6		14.2	13.6		32
34	14.9	18.1		15.1	15.6		13.9	13.5		34
36	13.6	18.1		13.8	15.6		13.7	13.4		36
38	12.3	17.3		12.6	15.5		12.3	13.3		38
40	11.1	15.8		11.5	15.4		11.6	13.2		40
42	9.8	14.4	15.4	10.4	14.6	13.5	10.6	13.1		42
44		13.1	14.6	9.4	13.4	13.7	9.7	12.9	11.7	44
46		11.9	13.8		12.3	13.7	8.8	12.3	11.8	46
48		10.7	13.1		11.2	13	7.9	11.3	11.9	48
50			12.5		10.2	12.4		10.4	11.9	50
52			11.9		9.1	11.8		9.5	11.6	52
54			11.3			11.2		8.6	11.1	54
56						10.7			10.6	56
58									10.1	58
60									9.2	60
RR	2	2	2	2	2	2	2	2	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 35m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
20	13.9			9						20	
22	13.6			8.6						22	
24	13.4			8.3						24	
26	13.1			8						26	
28	12.8			7.7						28	
30	12.6			7.5						30	
32	12.3			7.2						32	
34	12.1	11.8		7	10.3					34	
36	11.9	11.7		6.8	10.2					36	
38	11.7	11.5		6.6	10					38	
40	11.1	11.4		6.5	9.9					40	
42	10.5	11.3		6.3	9.8					42	
44	10	11.1		6.2	9.6					44	
46	9.1	11	10.1	6.1	9.5					46	
48	8.4	10.8	10.2	6	9.3	8.8				48	
50	7.6	10.6	10.2	5.7	9.1	8.7				50	
52		9.5	10.1	5.4	9	8.7				52	
54		9	10.1	5.2	7.9	8.6				54	
56		8.2	10		7.5	8.5				56	
58			10		7.2	8.5				58	
60			9		6.7	8.4				60	
62			8.6			7.5				62	
64						7.1				64	
66						6.8				66	
68										68	
RR	2	1	1	1	1	1				RR	
Permissible wind speed	11.3										m/s

("RR": Recommended Reeving)

Main boom 38m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
12	48.8									12
14	48.3			42.2			37.6			14
16	46.1			41.6			37.1			16
18	38			38.6			36.6			18
20	31.8			32.6			32.8			20
22	26.7	36.8		27.9			28.3			22
24	22.3	33.1		24	33		24.7			24
26		30.1		20.6	29.9		21.5	29.8		26
28		27.5		17.3	27.4		18.8	27.3		28
30		25.3			25.3		16.2	25.2		30
32		21	21.9		23			23.3		32
34			20.3		19.7	20.2		20.8		34
36			19			18.9		18.2	18.7	36
38			17.8			17.7		15.6	17.6	38
40						16.6			16.5	40
42									15.6	42
44									14.7	44
RR	4	3	2	4	3	2	3	3	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 38m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	32			27.4			23.7			16
18	31.8			27.3			23.5			18
20	31.6			27.1			23.3			20
22	28.7			26.8			23.1			22
24	25.1			25.3			22.9			24
26	22.1	28		22.5			22.6			26
28	19.6	27.2		20	24		20.3	20.4		28
30	17.3	25		17.9	24.2		18.2	20.6		30
32	15.2	23.2		16	23.1		16.5	20.7		32
34	13.1	21.4		14.3	21.5		14.8	20.8		34
36		19.1		12.5	19.5		13.4	19.7		36
38		16.9	17.5		17.5	17.3	11.9	17.8		38
40		14.9	16.4		15.8	16.3	10.4	16.2	16.2	40
42			15.5		14.1	15.4		14.7	15.2	42
44			14.6		12.3	14.5		13.2	14.4	44
46			13.9			13.8		11.8	13.6	46
48						13.1			13	48
50						12.4			12.3	50
52									11.7	52
RR	3	3	2	3	2	2	2	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 38m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
18	20.5			17.9			15.8			18
20	20.3			17.7			15.6			20
22	20			17.5			15.3			22
24	19.8			17.2			15.1			24
26	19.6			17			14.8			26
28	19.3			16.8			14.6			28
30	18.4	17.7		16.5			14.3			30
32	16.7	17.8		16.2	15.4		14.1	13.4		32
34	15.2	17.8		15.1	15.4		13.8	13.4		34
36	13.8	17.8		13.8	15.3		13.6	13.3		36
38	12.5	17.8		12.6	15.3		12.4	13.2		38
40	11.3	16.4		11.5	15.2		11.8	13.1		40
42	10	15	15.1	10.5	14.9		10.8	13		42
44		13.7	14.3	9.4	13.7	13.3	9.9	12.9		44
46		12.4	13.5	8.3	12.6	13.2	9	12.4	11.5	46
48		11.2	12.8		11.5	12.7	8	11.7	11.6	48
50			12.2		10.5	12.1		10.8	11.6	50
52			11.6		9.4	11.5		9.9	11.4	52
54			11.1			11		9	10.8	54
56			10.6			10.5			10.4	56
58						10			9.9	58
60									9.5	60
62									8.8	62
RR	2	2	2	2	2	1	2	1	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 38m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
20	13.7			9						20	
22	13.5			8.7						22	
24	13.2			8.3						24	
26	13			8						26	
28	12.7			7.8						28	
30	12.5			7.5						30	
32	12.2			7.3						32	
34	12	11.6		7.1						34	
36	11.8	11.5		6.9	10.1					36	
38	11.6	11.4		6.7	10					38	
40	11.2	11.3		6.5	9.8					40	
42	10.6	11.2		6.4	9.7					42	
44	10.1	11.1		6.2	9.6					44	
46	9.3	11		6.1	9.5					46	
48	8.5	10.8	10	6	9.3					48	
50	7.7	10.6	10	5.7	9.1	8.6				50	
52	6.8	9.7	10	5.4	9	8.6				52	
54		9.2	10	5.2	8.1	8.6				54	
56		8.6	9.9		7.7	8.5				56	
58		7.8	9.8		7.3	8.4				58	
60			9.4		7	8.3				60	
62			8.9			8.3				62	
64			8.5			7.4				64	
66						7				66	
RR	2	1	1	1	1	1				RR	
Permissible wind speed	11.3										m/s

("RR": Recommended Reeving)

Main boom 41m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
12	46.6									12
14	45.7			40.9			35.9			14
16	42.9			40.6			35.9			16
18	39			39.3			35.8			18
20	32.6			33.1			33.6			20
22	27.4			28.3			28.9			22
24	23	32.7		24.4	32.6		25.1			24
26	18.5	29.8		20.9	29.6		22	29.5		26
28		27.2		17.6	27.1		19.2	27		28
30		25.1			25		16.6	24.9		30
32		22.7			23.1			23		32
34			19.9		20.9			21.4		34
36			18.6		17.5	18.5		19.3	18.3	36
38			17.5			17.3		16.7	17.2	38
40			16.4			16.3			16.2	40
42						15.4			15.3	42
44									14.4	44
RR	4	3	2	4	3	2	3	3	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 41m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	30.8			26.5			23			16
18	30.6			26.4			22.9			18
20	30.5			26.2			22.7			20
22	29.2			26			22.5			22
24	25.6			25.7			22.3			24
26	22.6			22.9			22			26
28	20	26.9		20.4	23		20.6			28
30	17.7	24.8		18.2	23		18.5	19.9		30
32	15.6	22.9		16.3	22.8		16.7	19.9		32
34	13.4	21.3		14.5	21.2		15.1	19.8		34
36		19.9		12.8	19.8		13.6	19.7		36
38		17.8	17.1		18.3		12.1	18.5		38
40		15.7	16.1		16.5	15.9	10.6	16.8		40
42		13.5	15.1		14.8	15		15.3	14.9	42
44			14.3		13	14.2		13.8	14.1	44
46			13.6			13.4		12.4	13.3	46
48			12.9			12.8			12.6	48
50						12.1			12	50
52									11.4	52
54									10.9	54
RR	3	2	2	2	2	2	2	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 41m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
18	19.9			17.5			15.4			18
20	19.7			17.3			15.2			20
22	19.6			17.1			15			22
24	19.3			16.9			14.8			24
26	19.1			16.7			14.6			26
28	18.9			16.5			14.4			28
30	18.4	17.2		16.2			14.1			30
32	16.7	17.2		16	15		13.9			32
34	15.2	17		15.4	15		13.7	13.1		34
36	13.8	17		14	15		13.4	13		36
38	12.5	16.8		12.8	15		12.5	13		38
40	11.3	16.8		11.7	15		11.9	12.9		40
42	10.1	15.3		10.6	14.9		10.9	12.8		42
44		14	13.9	9.6	14.2		10	12.8		44
46		12.8	13.2	8.5	13	12.9	9.1	12.6		46
48		11.6	12.5		11.9	12.4	8.2	11.9	11.3	48
50		10.3	11.9		10.9	11.8		11.2	11.3	50
52			11.3		9.9	11.2		10.3	11.1	52
54			10.8			10.7		9.4	10.6	54
56			10.3			10.2		8.5	10.1	56
58						9.8			9.6	58
60						9.3			9.2	60
62									8.8	62
RR	2	2	2	2	2	1	2	1	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 41m										
Jib length	48m			51m			\			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius
20	13.5			9.1						20
22	13.2			8.7						22
24	13			8.4						24
26	12.8			8.1						26
28	12.5			7.8						28
30	12.3			7.5						30
32	12.1			7.3						32
34	11.9	11.4		7.1						34
36	11.7	11.4		6.9	9.9					36
38	11.5	11.3		6.7	9.8					38
40	11.2	11.2		6.5	9.7					40
42	10.7	11.1		6.4	9.6					42
44	10.1	11		6.2	9.5					44
46	9.4	10.9		6.1	9.4					46
48	8.6	10.7	9.8	6	9.3					48
50	7.8	10.6	9.8	5.7	9.1	8.5				50
52	7	10.4	9.8	5.5	9	8.5				52
54		9.4	9.8	5.2	8.8	8.5				54
56		8.9	9.8		7.9	8.4				56
58		8.1	9.5		7.4	8.4				58
60			9.1		7.1	8.3				60
62			8.7		6.7	8.2				62
64			8.3			8.2				64
66			8			7.2				66
68						6.9				68
RR	2	1	1	1	1	1				RR
Permissible wind speed	11.3									m/s

("RR": Recommended Reeving)

Main boom 44m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	44.1			39.9			34.2			14
16	44			39.5			34.2			16
18	39.7			39.4			34.1			18
20	33.1			33.9			33.8			20
22	27.9			28.9			29.5			22
24	23.4	32.4		24.9			25.6			24
26	19	29.4		21.4	29.3		22.4	29.2		26
28		26.9		18.1	26.8		19.6	26.7		28
30		24.8			24.7		17	24.6		30
32		23			22.9		14.3	22.8		32
34		19.8	19.5		21.3			21.2		34
36			18.2		18.9	18.1		19.8		36
38			17.1			17		17.8	16.8	38
40			16.1			15.9			15.8	40
42						15			14.9	42
44						14.2			14.1	44
46									13.4	46
RR	4	3	2	3	3	2	3	3	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 44m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	29.5			25.5			22.3			16
18	29.4			25.5			22.1			18
20	29.2			25.3			22			20
22	29			25.1			21.8			22
24	26.1			24.9			21.6			24
26	23			23.3			21.4			26
28	20.3	26		20.7			20.7			28
30	18	24.5		18.5	22.5		18.6	19.2		30
32	15.9	22.7		16.6	22.5		16.7	19.5		32
34	13.8	21.1		14.8	21		15.1	19.6		34
36		19.7		13.1	19.6		13.6	19.5		36
38		18.5		11.2	18.4		12.2	18.3		38
40		16.6	15.7		17.2		10.7	17.2		40
42		14.5	14.8		15.4	14.7		15.7		42
44			14		13.8	13.9		14.2	13.7	44
46			13.3			13.1		12.8	13	46
48			12.6			12.5		11.4	12.3	48
50			11.9			11.9			11.7	50
52						11.3			11.2	52
54									10.7	54
56										56
RR	3	2	2	2	2	2	2	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 44m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
18	19.4			17						18
20	19.2			16.9			14.9			20
22	19			16.7			14.7			22
24	18.9			16.5			14.5			24
26	18.7			16.3			14.3			26
28	18.5			16.1			14.1			28
30	18.2			15.9			13.9			30
32	17	16.8		15.7			13.7			32
34	15.4	16.8		15.2	14.6		13.5	12.8		34
36	14	16.4		14.2	14.5		13.3	12.8		36
38	12.7	16.2		13	14.3		12.6	12.8		38
40	11.5	16		11.9	14.1		11.8	12.7		40
42	10.3	15.9		10.8	13.8		11.1	12.7		42
44		14.5	13.6	9.8	13.6		10.2	12.6		44
46		13.3	12.9	8.7	13.5	12.5	9.3	12.5		46
48		12.1	12.2		12.4	12.1	8.3	12.2	10.9	48
50		10.9	11.6		11.3	11.5		11.6	10.8	50
52			11.1		10.3	10.9		10.7	10.8	52
54			10.5		9.2	10.4		9.8	10.3	54
56			10.1			9.9		8.9	9.8	56
58			9.6			9.5			9.4	58
60						9.1			9	60
62									8.6	62
64									8.8	64
RR	2	2	2	2	2	1	2	1	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 44m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
20	13.2			9.1						20	
22	13			8.8						22	
24	12.8			8.4						24	
26	12.6			8.1						26	
28	12.4			7.8						28	
30	12.1			7.6						30	
32	11.9			7.3						32	
34	11.7			7.1						34	
36	11.5	11.2		6.9	9.8					36	
38	11.3	11.1		6.7	9.7					38	
40	11.1	11		6.5	9.6					40	
42	10.8	11		6.4	9.5					42	
44	10.2	10.9		6.3	9.4					44	
46	9.6	10.8		6.1	9.3					46	
48	8.8	10.7		6.1	9.2					48	
50	8	10.5	9.6	5.8	9.1					50	
52	7.1	10.4	9.6	5.5	8.9	8.3				52	
54		10	9.6	5.2	8.8	8.3				54	
56		9.1	9.6		8.6	8.3				56	
58		8.5	9.3		7.6	8.3				58	
60		7.6	8.8		7.2	8.2				60	
62			8.5		6.9	8.2				62	
64			8.1			8				64	
66			7.8			7.7				66	
68						7.1				68	
70						6.8				70	
72										72	
RR	1	1	1	1	1	1				RR	
Permissible wind speed	11.3										m/s

("RR": Recommended Reeving)

Main boom 47m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	43.4			37.7			32.6			14
16	42.7			37.6			32.6			16
18	40.7			37.3			32.4			18
20	33.9			34.7			32.1			20
22	28.6			29.6			30.1			22
24	24	32		25.4			26.2			24
26	19.7	29.1		21.9	28.9		22.8			26
28		26.7		18.6	26.5		20	26.4		28
30		24.6			24.4		17.4	24.3		30
32		22.7			22.6		14.7	22.5		32
34		21.1			21.1			21		34
36			17.8		19.7			19.6		36
38			16.7			16.6		18.4		38
40			15.7			15.6		16.2	15.5	40
42			14.8			14.7			14.6	42
44						13.9			13.8	44
46									13.1	46
48									12.4	48
RR	4	3	2	3	3	2	3	2	2	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 47m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	28.2			24.6						16
18	28.1			24.5			21.4			18
20	28			24.4			21.3			20
22	27.7			24.2			21.1			22
24	26.5			24			20.9			24
26	23.4			23.3			20.7			26
28	20.7	24.7		20.8			20.5			28
30	18.3	24.2		18.6	21.5		18.9			30
32	16.2	22.4		16.6	21		17	18.8		32
34	14.1	20.8		14.9	20.7		15.3	18.6		34
36		19.5		13.2	19.4		13.8	18.3		36
38		18.3		11.4	18.1		12.4	18		38
40		17.2	15.3		17.1		11	16.9		40
42		15.3	14.5		15.9	14.3		16		42
44			13.7		14.2	13.5		14.8	13.4	44
46			12.9		12.5	12.8		13.4	12.7	46
48			12.3			12.2		12	12	48
50			11.7			11.6			11.4	50
52						11			10.9	52
54						10.5			10.4	54
56									9.9	56
RR	3	2	2	2	2	2	2	2	1	RR
Permissible wind speed	13.8									m/s

("RR": Recommended Reeving)

Main boom 47m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
18	18.8			16.6						18
20	18.7			16.4			14.5			20
22	18.5			16.3			14.4			22
24	18.3			16.1			14.2			24
26	18.2			15.9			14			26
28	18			15.8			13.8			28
30	17.8			15.6			13.6			30
32	17.2	16.2		15.4			13.4			32
34	15.6	16.2		15.2	14.2		13.2			34
36	14.2	16		14.4	14.2		13	12.5		36
38	12.9	16		13.2	14.2		12.8	12.5		38
40	11.7	16		12	14.1		11.9	12.5		40
42	10.5	15.9		11	14.1		11.1	12.5		42
44	9.1	15		9.9	14		10.3	12.4		44
46		13.8	12.5	8.9	14		9.4	12.3		46
48		12.5	11.9		12.8	11.8	8.5	12.2		48
50		11.4	11.3		11.8	11.2		11.7	10.6	50
52		10.1	10.8		10.7	10.6		11	10.5	52
54			10.3		9.7	10.1		10.1	10	54
56			9.8			9.7		9.2	9.5	56
58			9.4			9.2		8.3	9.1	58
60			9			8.8			8.7	60
62						8.5			8.4	62
64									8	64
RR	2	2	1	2	2	1	2	1	1	RR
Permissible wind speed	13.8						11.3			m/s

("RR": Recommended Reeving)

Main boom 47m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
20	12.9									20	
22	12.8			8.4						22	
24	12.6			8.1						24	
26	12.4			7.8						26	
28	12.2			7.5						28	
30	12			7.3						30	
32	11.8			7						32	
34	11.6			6.8						34	
36	11.4	11		6.6						36	
38	11.2	10.9		6.5	9.5					38	
40	11	10.9		6.3	9.4					40	
42	10.8	10.8		6.1	9.4					42	
44	10.3	10.7		6	9.3					44	
46	9.7	10.7		5.9	9.2					46	
48	8.9	10.6		5.8	9.1					48	
50	8.1	10.4		5.6	9					50	
52	7.3	10.3	9.3	5.3	8.8					52	
54		10.2	9.3	5.1	8.7	8.1				54	
56		9.3	9		7.9	8.1				56	
58		8.8	9		7.5	8.1				58	
60		8	8.6		7.1	8.1				60	
62			8.2		6.7	8.1				62	
64			7.9			7.8				64	
66			7.6			7.4				66	
68			7.2			7.1				68	
70						6.7				70	
72										72	
RR	1	1	1	1	1	1				RR	
Permissible wind speed	11.3										m/s

("RR": Recommended Reeving)

Main boom 50m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	40.8			35.5						14
16	40.5			35.4			30.9			16
18	39.8			35.1			30.7			18
20	34.8			34.5			30.4			20
22	29.2			30.2			30			22
24	24.6			26			26.7			24
26	20.3	28.7		22.3	28.6		23.3			26
28		26.3		19.1	26.2		20.4	26		28
30		24.3			24.1		17.7	24		30
32		22.5			22.3		15.1	22.2		32
34		20.9			20.8			20.7		34
36					19.4			19.3		36
38			16.3		18.2	16.2		18.1		38
40			15.4			15.2		17	15.1	40
42			14.5			14.3			14.2	42
44						13.6			13.4	44
46						12.8			12.7	46
48									12.1	48
RR	4	3	2	3	3	2	3	2	2	RR
Permissible wind speed	10.6									m/s

("RR": Recommended Reeving)

Main boom 50m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	27			23.6						16
18	26.9			23.5			20.6			18
20	26.7			23.4			20.5			20
22	26.4			23.2			20.4			22
24	26.1			23			20.2			24
26	23.5			22.7			20			26
28	20.8			21.1			19.8			28
30	18.4	23.8		18.9	20.5		18.7			30
32	16.3	22.1		16.9	20.4		17.3	18		32
34	14.2	20.6		15.1	20.4		15.6	18		34
36		19.2		13.4	19.1		14.1	18		36
38		18		11.6	17.9		12.6	17.8		38
40		16.9			16.8		11.2	16.7		40
42		15.9	14.1		15.9			15.8		42
44		13.8	13.3		14.9	13.2		14.9		44
46			12.6		13.2	12.5		13.9	12.3	46
48			12			11.8		12.5	11.7	48
50			11.4			11.3		11	11.1	50
52			10.8			10.7			10.6	52
54						10.2			10.1	54
56									9.6	56
58									9.2	58
RR	3	2	2	2	2	1	2	2	1	RR
Permissible wind speed	10.6									m/s

("RR": Recommended Reeving)

Main boom 50m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
18	18.2			16.1						18
20	18.1			16			14.2			20
22	17.9			15.8			14			22
24	17.8			15.7			13.9			24
26	17.6			15.5			13.7			26
28	17.4			15.4			13.6			28
30	17.2			15.2			13.4			30
32	16.6			15			13.2			32
34	15.8	15.8		14.8	13.8		13			34
36	14.4	15.8		14.3	13.9		12.8	12.1		36
38	13.1	15.6		13.3	13.9		12.6	12.1		38
40	11.9	15.6		12.2	13.9		11.9	12.1		40
42	10.6	15.6		11.1	13.9		11.2	12.1		42
44	9.4	14.8		10.1	13.9		10.4	12.1		44
46		14		9	13.9		9.5	12.1		46
48		13	11.5		13.2		8.6	12.1		48
50		11.8	11		12.2	10.8	7.6	12	10.2	50
52		10.6	10.5		11.2	10.3		11.3	10.2	52
54			10		10.1	9.8		10.5	9.7	54
56			9.5			9.4		9.6	9.2	56
58			9.1			9		8.7	8.8	58
60			8.7			8.6			8.4	60
62						8.2			8.1	62
64						7.9			7.7	64
66									7.4	66
RR	2	2	1	2	2	1	2	1	1	RR
Permissible wind speed	10.6						9.8			m/s

("RR": Recommended Reeving)

Main boom 50m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
20	12.6									20	
22	12.4			8.4						22	
24	12.3			8.1						24	
26	12.1			7.8						26	
28	11.9			7.5						28	
30	11.7			7.3						30	
32	11.5			7.1						32	
34	11.3			6.8						34	
36	11.1			6.7						36	
38	11	10.7		6.5	9.4					38	
40	10.8	10.6		6.3	9.3					40	
42	10.5	10.6		6.2	9.2					42	
44	9.9	10.5		6	9.2					44	
46	9.4	10.4		5.9	9.1					46	
48	8.8	10.4		5.8	9					48	
50	8	10.3		5.6	8.9					50	
52	7.2	10.1	9	5.4	8.8					52	
54		10	9.1	5.1	8.6	7.9				54	
56		9.1	9.1		8.5	8				56	
58		8.7	8.7		7.6	7.9				58	
60		8.1	8.3		7.2	7.9				60	
62			8		6.9	7.8				62	
64			7.6		6.6	7.5				64	
66			7.3			7.2				66	
68			7			6.9				68	
70			6.7			6.6				70	
72						6.3				72	
RR	1	1	1	1	1	1				RR	
Permissible wind speed	9.8										m/s

("RR": Recommended Reeving)

Main boom 53m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	38.1			33.4						14
16	37.7			33.2			29.2			16
18	37			32.9			29			18
20	35.6			32.3			28.7			20
22	29.9			30.9			28.3			22
24	25.2			26.5			26.8			24
26	20.9	28.4		22.8			23.4			26
28		26		19.5	25.8		20.5	25.7		28
30		23.9		16	23.8		17.9	23.7		30
32		22.2			22		15.3	21.9		32
34		20.6			20.5			20.4		34
36		19.2			19.2			19.1		36
38			15.9		18			17.9		38
40			15			14.8		16.8		40
42			14.1			14		15.4	13.8	42
44			13.3			13.2			13.1	44
46						12.5			12.4	46
48						11.8			11.7	48
50									11.2	50
RR	3	3	2	3	2	2	3	2	2	RR
Permissible wind speed	10.6									m/s

("RR": Recommended Reeving)

Main boom 53m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	25.7			22.6						16
18	25.6			22.5			19.9			18
20	25.4			22.4			19.8			20
22	25.1			22.2			19.6			22
24	24.8			22			19.5			24
26	23.2			21.7			19.3			26
28	21.1			20.5			19			28
30	18.7	22.6		18.8			18.2			30
32	16.6	21.8		17.2	19.9		16.8	17.2		32
34	14.5	20.3		15.4	20.1		15.8	17.5		34
36		18.9		13.7	18.8		14.3	17.7		36
38		17.8		11.9	17.6		12.8	17.5		38
40		16.7			16.6		11.4	16.5		40
42		15.7			15.6			15.5		42
44		14.7	12.9		14.8			14.7		44
46			12.2		13.9	12.1		13.9	11.9	46
48			11.6		12.1	11.5		13.1	11.3	48
50			11.1			10.9		11.7	10.8	50
52			10.5			10.4			10.3	52
54						9.9			9.8	54
56						9.5			9.3	56
58									8.9	58
RR	2	2	1	2	2	1	2	2	1	RR
Permissible wind speed	10.6									m/s

("RR": Recommended Reeving)

Main boom 53m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
18	17.6									18
20	17.5			15.5			13.8			20
22	17.3			15.4			13.7			22
24	17.2			15.2			13.5			24
26	17			15.1			13.4			26
28	16.9			14.9			13.2			28
30	16.7			14.8			13			30
32	16.2			14.6			12.8			32
34	15.4	15.2		14.4			12.7			34
36	14.4	15.4		13.5	13.4		12.5	11.8		36
38	13.3	15.4		13	13.4		12.3	11.8		38
40	12	15.4		12.4	13.3		11.6	11.8		40
42	10.8	15.4		11.3	13.3		11	11.8		42
44	9.6	14.5		10.2	13		10.3	11.8		44
46		13.8		9.2	13		9.4	11.8		46
48		13.1	11.2		13		8.5	11.8		48
50		12.3	10.6		12.3	10.5	7.6	11.7		50
52		11.1	10.1		11.6	10		11.2	9.8	52
54			9.7		10.5	9.5		10.6	9.4	54
56			9.2		9.5	9.1		9.7	8.9	56
58			8.8			8.7		8.8	8.5	58
60			8.4			8.3			8.2	60
62			8.1			7.9			7.8	62
64						7.6			7.5	64
66									7.2	66
68									6.9	68
RR	2	2	1	2	1	1	2	1	1	RR
Permissible wind speed	10.6						9.8			m/s

("RR": Recommended Reeving)

Main boom 53m										
Jib length	48m			51m			\			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius
20	12.3									20
22	12.2			8.4						22
24	12			8.1						24
26	11.8			7.8						26
28	11.6			7.6						28
30	11.5			7.3						30
32	11.3			7.1						32
34	11.1			6.9						34
36	10.9			6.7						36
38	10.8	10.4		6.5						38
40	10.6	10.4		6.3	9.1					40
42	10.4	10.4		6.2	9.1					42
44	10	10.3		6.1	9					44
46	9.5	10.3		5.9	8.9					46
48	8.9	10.2		5.8	8.9					48
50	8.1	10.1		5.7	8.8					50
52	7.3	10		5.4	8.7					52
54		9.9	8.7	5.1	8.6					54
56		9.8	8.8	4.9	8.4	7.7				56
58		8.9	8.4		8.3	7.7				58
60		8.4	8		7.4	7.7				60
62		7.6	7.7		7	7.5				62
64			7.4		6.7	7.2				64
66			7			6.9				66
68			6.8			6.6				68
70			6.5			6.4				70
72						6.1				72
74						5.9				74
RR	1	1	1	1	1	1				RR
Permissible wind speed	9.8									m/s

Main boom 56m										
Jib length	21m			24m			27m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
14	35.5			31.4						14
16	35.1			31.2			27.6			16
18	34.4			30.8			27.4			18
20	33.5			30.2			27.1			20
22	30.7			29.5			26.6			22
24	25.8			26.7			26.1			24
26	21.5			23			23.2			26
28		25.6		19.7	25.5		20.9			28
30		23.6		16.4	23.5		18.2	23.3		30
32		21.9			21.7		15.7	21.6		32
34		20.4			20.2			20.1		34
36		19			18.9			18.8		36
38					17.7			17.6		38
40			14.6		16.6			16.6		40
42			13.8			13.6		15.6		42
44			13			12.9			12.7	44
46			12.3			12.2			12	46
48						11.6			11.4	48
50									10.9	50
52									10.3	52
RR	3	2	2	3	2	2	3	2	1	RR
Permissible wind speed	10.6									m/s

("RR": Recommended Reeving)

Main boom 56m										
Jib length	30m			33m			36m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
16	24.4									16
18	24.3			21.5			19.1			18
20	24.1			21.4			19			20
22	23.8			21.2			18.8			22
24	23.5			21			18.7			24
26	22.3			20.3			18.5			26
28	20.5			19.9			18.2			28
30	19			18.2			17.7			30
32	16.9	21.5		17.2	18.8		16.3			32
34	14.8	20		15.6	18.6		15.5	16.7		34
36	12.6	18.7		13.9	18.5		14.5	16.5		36
38		17.5		12.2	17.4		13	16.4		38
40		16.5			16.3		11.6	16.2		40
42		15.5			15.4			15.3		42
44		14.7	12.6		14.6			14.5		44
46			11.9		13.8	11.8		13.7		46
48			11.3		12.9	11.2		13	11	48
50			10.7			10.6		12.3	10.5	50
52			10.2			10.1			10	52
54			9.8			9.6			9.5	54
56						9.2			9.1	56
58						8.8			8.7	58
60									8.3	60
RR	2	2	1	2	2	1	2	2	1	RR
Permissible wind speed	10.6									m/s

("RR": Recommended Reeving)

Main boom 56m										
Jib length	39m			42m			45m			Jib length
Main boom angle Radius	85°	75°	65°	85°	75°	65°	85°	75°	65°	Main boom angle Radius
18	16.9									18
20	16.8			15			13.4			20
22	16.7			14.9			13.2			22
24	16.6			14.7			13.1			24
26	16.4			14.6			13			26
28	16.3			14.5			12.9			28
30	16.1			14.3			12.7			30
32	15.9			14.1			12.5			32
34	14.6	14.6		14			12.3			34
36	14	14.6		13.2	12.9		12.2			36
38	13	14.5		12.6	12.9		12	11.5		38
40	12.2	14.5		11.8	12.9		11.5	11.5		40
42	11	14.3		11.1	12.9		11	11.5		42
44	9.8	14.3		10.1	12.8		10.3	11.5		44
46		13.6		9.1	12.8		9.5	11.5		46
48		12.9			12.8		8.7	11.5		48
50		12.2	10.3		12.1		7.7	11.5		50
52		11.6	9.8		11.6	9.7		11.4		52
54		10.4	9.4		10.7	9.2		10.8	9.1	54
56			8.9		9.7	8.8		10.1	8.6	56
58			8.5			8.4		9.2	8.3	58
60			8.2			8		8.3	7.9	60
62						7.7			7.6	62
64						7.4			7.2	64
66						7.1			6.9	66
RR	2	2	1	2	1	1	1	1	1	RR
Permissible wind speed	10.6						9.8			m/s

("RR": Recommended Reeving)

Main boom 56m											
Jib length	48m			51m			\			Jib length	
Main boom angle Radius	85°	75°	65°	85°	75°	65°				Main boom angle Radius	
22	11.8			8.5						22	
24	11.7			8.2						24	
26	11.5			7.9						26	
28	11.4			7.6						28	
30	11.2			7.4						30	
32	11			7.1						32	
34	10.9			6.9						34	
36	10.7			6.7						36	
38	10.6	10.1		6.5						38	
40	10.4	10.1		6.4	8.9					40	
42	10.2	10.1		6.2	8.9					42	
44	10	10.1		6.1	8.9					44	
46	9.6	10.1		6	8.8					46	
48	9	10		5.9	8.7					48	
50	8.2	10		5.7	8.7					50	
52	7.4	9.9		5.4	8.6					52	
54		9.8		5.2	8.5					54	
56		9.7	8.5	4.9	8.3	7.4				56	
58		9.5	8.1		8.2	7.5				58	
60		8.6	7.8		7.5	7.5				60	
62		7.9	7.4		7.1	7.3				62	
64			7.1		6.8	7				64	
66			6.8		6.5	6.7				66	
68			6.5			6.4				68	
70			6.3			6.1				70	
72			6			5.9				72	
74						5.6				74	
RR	1	1	1	1	1	1				RR	
Permissible wind speed	9.8										m/s

("RR": Recommended Reeving)

 **WARNING**

1. Values in lifting capacity charts include the weight of sling and wire rope. The actual weight of load should be less than the value.
2. Values in lifting capacity charts are provided on the basis of the fact that the ground is solid and flat and the load is freely suspended.
3. Blank area in chart represents non-working area, where operation is prohibited.
4. For operating mode SW with a main boom angle approaching 85°, high-speed derricking of luffing jib is strictly prohibited and the luffing jib must be loaded during derricking; the weight of the load on luffing jib should be the minimum lifting capacity of the current boom configuration, or the luffing jib might tilt over. The luffing jib must be lowered down to the position with an angle of 60° or below before the load is completely unhooked. The jib can be lowered down continuously with the weight of the load.

 **CAUTION**

If the main boom angle ranges between 65°~75°~85°, the smaller lifting capacity should be taken as the lifting capacity of the range. Please have the crane worked within the range of the three angles so as to put the crane into full use.

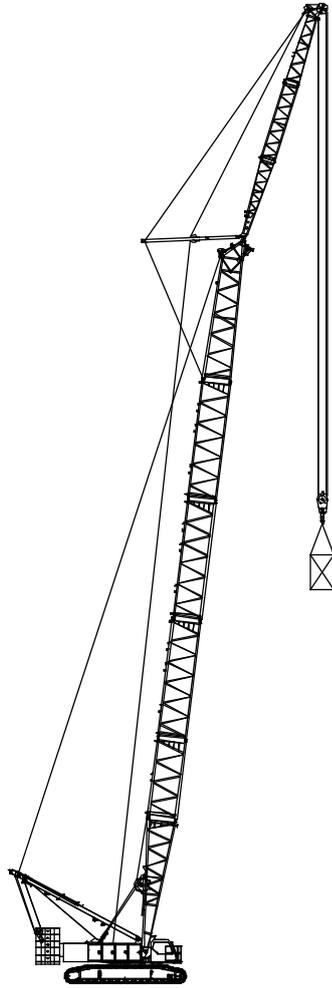
ZOOMLION

Lifting Capacity Charts for Crawler Crane

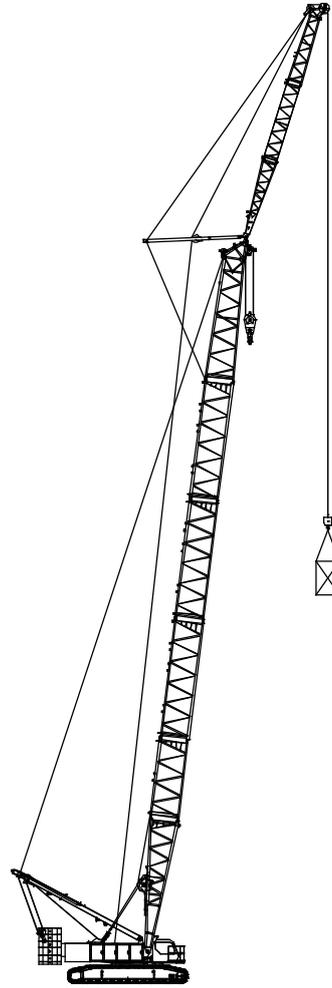
Chapter 4 Lifting Capacity on SF Boom



1. Illustrations of operating modes

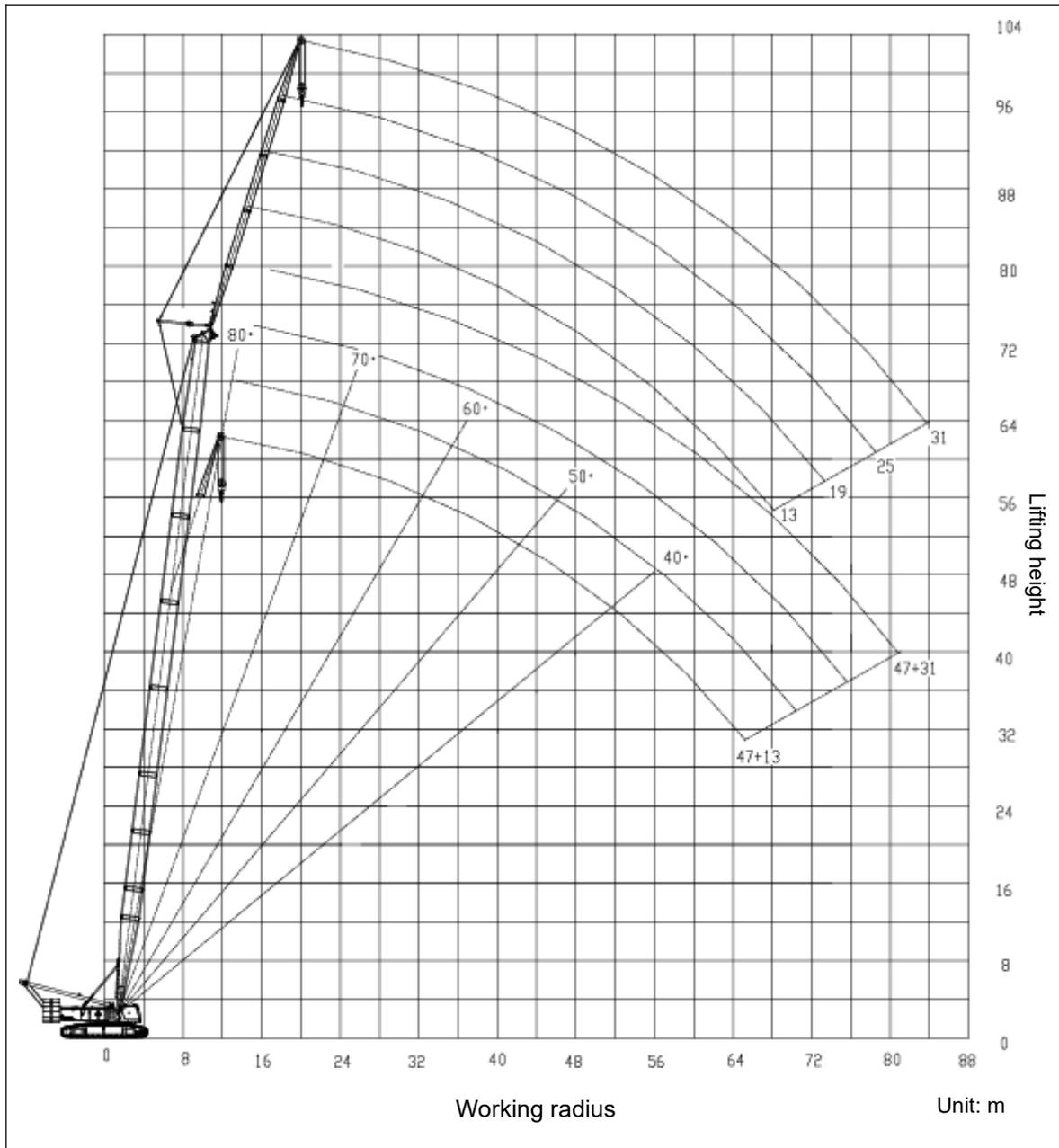


Operating mode SF

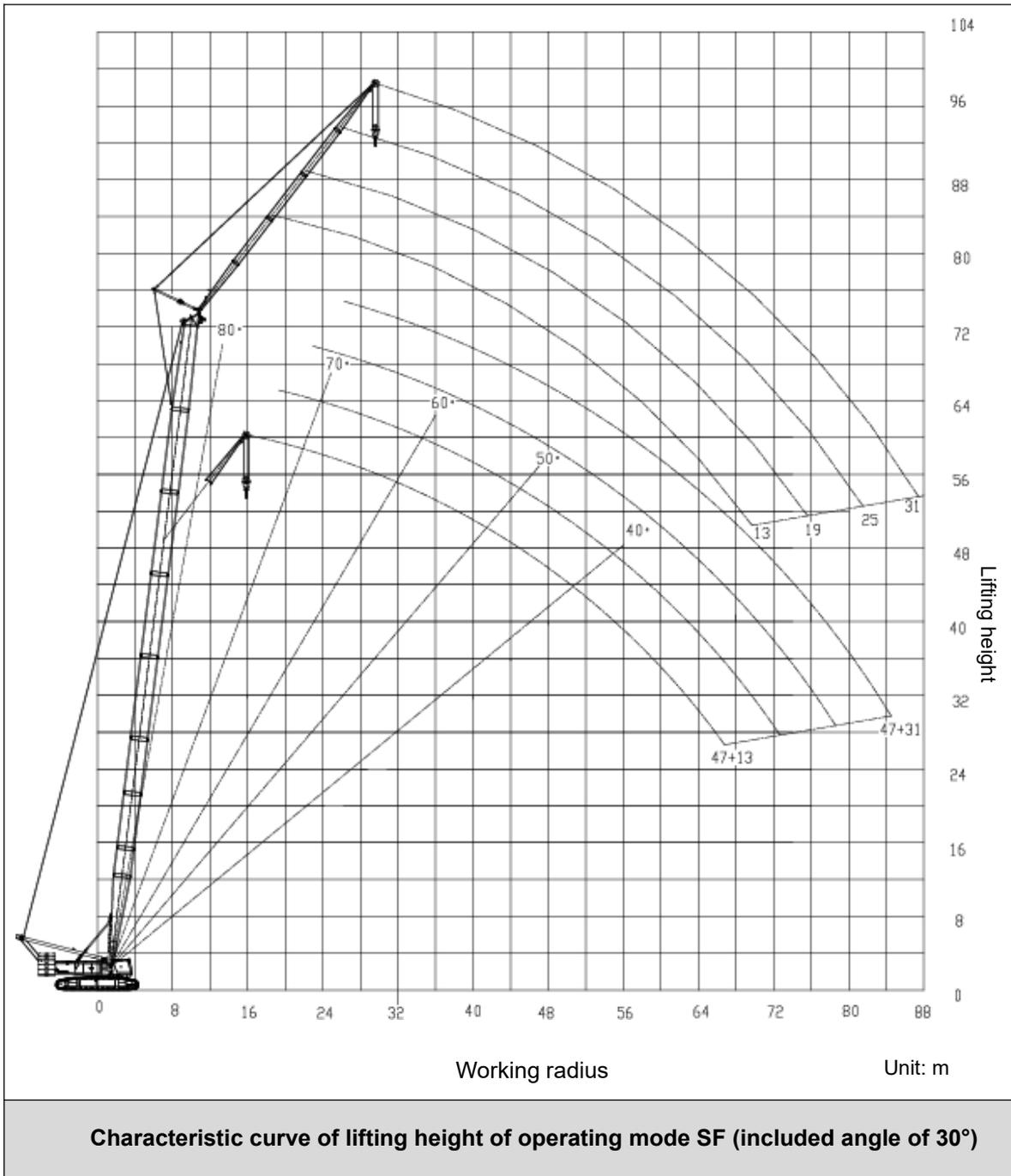


Operating mode SF (with the main hook)

Characteristic curve of lifting height of operating mode SF



Characteristic curve of lifting height of operating mode SF (included angle of 10°)



1. For operating mode SF, main boom length = 47m~71m; fixed jib length = 13m~31m.
2. Boom deflection is not considered in the curve of lifting height.

2. Lifting capacity charts (SF)

Operating mode SF

Unit: t

Main boom	47								50							
Fixed jib	13		19		25		31		13		19		25		31	
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
14		25		17.5						24.2		17.5				
16	24.6	19.9	17.2		11.5				24		17		11.5			
18	24.2	19.7	16.7		11.5		7.8		23.7	19.6	16.7		11.5		7.8	
20	24	19.4	16.2	12.5	11.5		7.6		23.5	19.4	16.3	12.5	11.5		7.6	
22	23.5	19.2	15.7	12.9	11.5		7.4		23.2	19.2	15.9	12.2	11.5		7.4	
24	23.2	19	15.5	12.6	11.4	7.9	7.1		23	19	15.5	12.6	11.3	7.9	7.1	
26	22.9	18.8	15.1	12.5	9.8	7.8	7		22.9	18.8	15	12.5	11.1	7.8	7	
28	22.4	18.6	14.7	12.2	9.5	7.7	6.8	5.1	22.4	18.6	14.9	12.3	9.6	7.7	6.8	5.1
30	21.4	18.4	14.4	12.1	9.4	7.5	6.6	5	21.3	18.5	14.5	12.2	9.4	7.5	6.6	5
32	19.6	17.8	13.9	11.9	9.1	7.4	6.5	4.9	19.4	18.2	14.1	12	9.2	7.4	6.5	4.9
34	18	17.4	13.7	11.8	8.9	7.3	6.3	4.8	17.9	17.2	13.8	11.8	9	7.3	6.3	4.8
36	16.6	16	13.4	11.6	8.7	7.1	6.1	4.6	16.4	15.8	14.2	11.7	8.8	7.2	6.2	4.6
38	15.4	14.7	13.8	11.5	8.5	7	6	4.6	15.1	14.6	13.9	11.6	8.6	7	6	4.6
40	14.2	13.7	13.5	11.4	8.2	6.9	5.8	4.4	14	13.5	13.6	11.4	8.4	7	5.9	4.5
42	13.3	12.7	13.2	11.3	8.1	6.8	5.6	4.3	13.1	12.6	13.3	11.4	8.2	6.8	5.7	4.3
44	12.3	11.8	12.7	11.2	8	6.6	5.4	4.2	12.2	11.7	12.5	11.3	8.1	6.7	5.5	4.2
46	11.6	11	11.8	11.1	7.8	6.6	5.3	4.1	11.3	10.9	11.6	11.1	7.9	6.6	5.4	4.2
48	10.8	10.3	11.1	10.7	7.7	6.5	5.1	4	10.6	10.2	10.9	10.6	7.7	6.6	5.2	4.1
50		9.6	10.4	10	7.5	6.4	4.9	3.9	9.9	9.5	10.2	9.9	7.6	6.5	5.1	4
52			9.8	9.4	7.3	6.3	4.8	3.8	9.3	8.9	9.6	9.3	7.5	6.4	4.9	3.9
54			9.2	8.8	7.1	6.2	4.7	3.8			9	8.7	7.3	6.3	4.8	3.8
56				8.2	7.1	6.2	4.6	3.8			8.4	8.2	7.1	6.2	4.7	3.8
58					6.9	6.2	4.4	3.7				7.7	7	6.2	4.5	3.7
60					6.8	6.2	4.3	3.6					6.9	6.2	4.4	3.7
62						6.4	4.2	3.6					7.2	6.4	4.3	3.6
64							4.1	3.5						6.4	4.3	3.6
66															4.1	3.5
RR	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
Permissible wind speed m/s	13.8								10.6							

("RR": Recommended Reeving)

Operating mode SF

Unit: t

Main boom	53								56								
	Fixed jib		13		19		25		31		13		19		25		31
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	
14	23.6								23.4								
16	23.5		17		11.5				23.4		17						
18	23.4	19.6	16.6		11.5		7.7		23.2	19.5	16.6		11.5				
20	23.2	19.4	16.3		11.5		7.6		23	19.3	16.2		11.5		7.5		
22	23	19.1	15.9	12.2	11.5		7.3		22.9	19.1	16	12.2	11.5		7.3		
24	22.9	19	15.6	12.1	11.3	7.9	7.1		22.8	19	15.6	12.1	11.2		7.1		
26	22.9	18.8	15.2	12.5	11.1	7.8	7		22.8	18.8	15.3	12	11	7.8	7		
28	22.7	18.7	14.9	12.3	9.7	7.7	6.8	5.2	22.7	18.6	15	12.3	10.7	7.7	6.8	5.2	
30	21.1	18.6	14.6	12.2	9.4	7.5	6.6	5	21	18.5	14.6	12.2	9.5	7.6	6.6	5	
32	19.2	18.4	14.3	12	9.3	7.4	6.5	4.9	19.1	18.4	14.4	12.1	9.3	7.4	6.5	5	
34	17.7	17	13.9	11.8	9.1	7.4	6.4	4.8	17.5	17	14	11.9	9.2	7.4	6.4	4.8	
36	16.2	15.7	14.3	11.8	8.9	7.2	6.2	4.7	16.2	15.6	14.4	11.8	9	7.2	6.2	4.7	
38	15	14.5	14	11.6	8.7	7.1	6	4.6	14.9	14.4	14.1	11.7	8.8	7.1	6.1	4.6	
40	13.9	13.4	13.8	11.5	8.5	7	6	4.5	13.8	13.3	13.9	11.5	8.6	7	6	4.6	
42	12.9	12.4	13.2	11.4	8.3	6.9	5.8	4.4	12.8	12.3	13.1	11.4	8.4	7	5.9	4.4	
44	12	11.5	12.3	11.3	8.2	6.8	5.6	4.3	11.9	11.4	12.2	11.4	8.2	6.9	5.7	4.3	
46	11.1	10.7	11.5	11.2	8	6.7	5.4	4.2	11.1	10.6	11.3	11.1	8.1	6.7	5.5	4.2	
48	10.5	10	10.7	10.5	7.8	6.6	5.3	4.1	10.3	9.9	10.6	10.3	7.9	6.6	5.4	4.2	
50	9.8	9.4	10	9.8	7.7	6.5	5.2	4	9.6	9.3	9.9	9.7	7.8	6.6	5.3	4.1	
52	9.1	8.7	9.4	9.1	7.6	6.4	5	4	9	8.6	9.3	9	7.7	6.5	5.1	4	
54	8.5	8.2	8.8	8.6	7.4	6.4	4.9	3.9	8.4	8.1	8.7	8.5	7.5	6.4	5	3.9	
56			8.2	8	7.2	6.3	4.8	3.8	7.9	7.5	8.2	7.9	7.3	6.3	4.8	3.8	
58			7.7	7.5	7.1	6.2	4.7	3.8		7	7.7	7.4	7.8	6.2	4.8	3.8	
60				7	7.5	6.2	4.5	3.7			7.1	7	7.4	6.2	4.6	3.8	
62					7.1	6.5	4.4	3.7				6.5	7	6.5	4.5	3.7	
64					6.6	6.5	4.3	3.6				6.1	6.5	6.4	4.4	3.7	
66						6.1	4.3	3.6					6.1	6	4.3	3.6	
68							4.1	3.5						5.7	4.2	3.6	
70								3.5							4.1	3.5	
72								3.2							4	3.2	
RR	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	
Permissible wind speed m/s	10.6																

("RR": Recommended Reeving)

Operating mode SF

Unit: t

Main boom	59								62							
Fixed jib	13		19		25		31		13		19		25		31	
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
16	23		17						22.8		16.7					
18	22.9	19.4	16.6		11.5				22.8	19	16.6		11.5			
20	22.8	19.2	16.2		11.5		7.5		22.6	19.1	16.2		11.4		7.4	
22	22.7	19	15.9	12.2	11.3		7.3		22.4	19	15.9	12.2	11.1		7.2	
24	22.6	18.9	15.6	12.1	11.1		7.1		22.4	18.8	15.6	12.1	11		7.1	
26	22.6	18.7	15.3	11.9	10.9	7.8	7		22.4	18.7	15.4	11.9	10.8	7.8	6.9	
28	22.6	18.6	15	11.8	10.7	7.7	6.8		22.4	18.6	15	11.8	10.5	7.7	6.8	
30	20.7	18.5	14.7	11.7	9.5	7.6	6.6	5	20.5	18.4	14.7	11.7	9.6	7.6	6.6	5.1
32	19	18.3	14.4	12.1	9.4	7.4	6.5	5	18.8	18.2	14.5	11.5	9.4	7.5	6.5	5
34	17.3	16.8	14.1	11.9	9.2	7.4	6.4	4.8	17.2	16.7	14.1	11.4	9.2	7.4	6.4	4.9
36	15.9	15.4	14.5	11.8	8.9	7.3	6.2	4.7	15.7	15.3	13.9	11.8	9	7.3	6.2	4.7
38	14.7	14.2	14.2	11.7	8.8	7.2	6.1	4.6	14.5	14.1	14.3	11.8	8.8	7.2	6.1	4.6
40	13.6	13.1	13.9	11.6	8.7	7	6	4.6	13.4	13	13.7	11.6	8.8	7.1	6	4.6
42	12.6	12.2	12.8	11.5	8.5	7	5.9	4.5	12.4	12.1	12.8	11.5	8.6	7	5.9	4.5
44	11.6	11.3	12	11.4	8.3	6.9	5.8	4.4	11.5	11.1	11.8	11.4	8.4	7	5.8	4.4
46	10.9	10.5	11.1	11	8.2	6.8	5.6	4.3	10.7	10.3	11	10.8	8.2	6.9	5.6	4.3
48	10.1	9.8	10.4	10.2	8	6.7	5.5	4.2	9.9	9.6	10.2	10.1	8.1	6.7	5.5	4.2
50	9.4	9.1	9.7	9.5	7.8	6.6	5.4	4.2	9.3	9	9.5	9.4	7.9	6.6	5.4	4.2
52	8.8	8.5	9.1	8.9	7.7	6.6	5.2	4.1	8.6	8.3	8.9	8.8	7.7	6.6	5.3	4.1
54	8.2	7.9	8.5	8.3	7.6	6.5	5	4	8	7.8	8.3	8.2	8.4	6.5	5.1	4
56	7.7	7.4	8	7.8	8.2	6.4	4.9	3.9	7.5	7.2	7.7	7.7	8	6.4	5	4
58	7.1	6.9	7.5	7.3	7.7	6.3	4.8	3.8	7	6.7	7.3	7.1	7.5	6.3	4.9	3.9
60		6.4	7	6.8	7.2	6.6	4.7	3.8	6.5	6.2	6.8	6.6	7.1	6.6	4.8	3.8
62			6.5	6.3	6.8	6.5	4.6	3.8		5.8	6.4	6.2	6.5	6.6	4.7	3.8
64			6.1	5.9	6.4	6.2	4.5	3.7			6	5.8	6.2	6.2	4.6	3.8
66				5.5	6	5.8	4.3	3.7			5.6	5.4	5.8	5.8	4.7	3.7
68					5.6	5.5	4.6	3.6				5	5.4	5.4	4.6	3.6
70						5.1	4.5	3.6					5.1	5	4.5	3.6
72						4.8	4.5	3.5						4.7	4.4	3.5
74							4.4	3.4							4.4	3.4
RR	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
Permissible wind speed m/s	10.6															

("RR": Recommended Reeving)

Operating mode SF

Unit: t

Main boom	65								68							
	13		19		25		31		13		19		25		31	
Fixed jib	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
16	22.7		16.7						22.7							
18	22.6	17.7	16.4		11.4				22.6		16.3		11.1			
20	22.4	17.9	16.1		11.2		7.3		22.4	16.7	16		11		7.2	
22	22.3	18.1	15.9	12.2	11		7.1		22.2	17	15.7	11.6	10.8		7.1	
24	22.2	18.3	15.6	12.1	10.8		7		22	17.1	15.6	11.7	10.6		7	
26	22.2	18.6	15.2	11.9	10.6	7.8	6.9		21.9	17.3	15.2	11.8	10.5	7.8	6.8	
28	22.2	18.5	15	11.8	10.5	7.7	6.7		21.9	17.4	15	11.8	10.3	7.7	6.6	
30	20.2	18.3	14.8	11.6	10.3	7.5	6.5	5.1	20	17.6	14.7	11.6	10.1	7.5	6.5	4.8
32	18.5	18	14.5	11.4	9.4	7.5	6.5	5	18.3	17.8	14.5	11.5	9.4	7.4	6.4	4.7
34	17	16.6	14.2	11.4	9.3	7.4	6.3	4.9	16.7	16.4	14.2	11.4	9.3	7.4	6.3	4.7
36	15.6	15.2	13.9	11.3	9.1	7.4	6.2	4.8	15.5	15	13.9	11.4	9.1	7.4	6.2	4.6
38	14.4	14	14.4	11.2	8.9	7.2	6.1	4.6	14.2	13.8	14.5	11.2	8.9	7.3	6	4.6
40	13.3	12.9	13.6	11.6	8.8	7.1	6	4.6	13.1	12.7	13.4	11.1	8.8	7.2	6	4.6
42	12.2	11.9	12.6	11.5	8.7	7	5.9	4.5	12.1	11.8	12.4	11.5	8.7	7	5.9	4.5
44	11.4	11	11.6	11.4	8.5	7	5.8	4.4	11.1	10.9	11.5	11.4	8.5	7	5.8	4.5
46	10.5	10.2	10.8	10.7	8.3	6.9	5.7	4.3	10.4	10.1	10.6	10.6	8.4	6.9	5.6	4.4
48	9.8	9.5	10.1	10	8.2	6.8	5.5	4.2	9.6	9.4	9.9	9.8	8.2	6.8	5.5	4.3
50	9.1	8.8	9.4	9.3	8	6.7	5.4	4.2	8.9	8.6	9.2	9.1	8.1	6.7	5.4	4.2
52	8.5	8.2	8.8	8.6	7.8	6.6	5.3	4.1	8.2	8.1	8.6	8.5	8.4	6.6	5.4	4.2
54	7.9	7.7	8.2	8.1	8.4	6.6	5.2	4	7.7	7.5	8	7.9	8.2	6.6	5.2	4.1
56	7.3	7.1	7.7	7.5	7.8	6.5	5.1	4	7.1	7	7.5	7.4	7.7	6.5	5.1	4
58	6.9	6.6	7.1	7	7.3	6.4	4.9	3.9	6.6	6.5	7	6.9	7.1	6.4	5	4
60	6.4	6.2	6.6	6.6	6.9	6.6	4.8	3.8	6.2	6	6.5	6.4	6.7	6.7	4.9	3.9
62	6	5.8	6.2	6.1	6.5	6.5	4.8	3.8	5.8	5.6	6	6	6.3	6.3	4.8	3.8
64		5.4	5.8	5.7	6	6.1	4.8	3.8	5.4	5.2	5.6	5.5	5.9	5.9	4.8	3.8
66			5.4	5.3	5.6	5.7	4.7	3.7		4.8	5.3	5.2	5.4	5.5	4.7	3.8
68			5.1	5	5.3	5.3	4.6	3.6			4.8	4.8	5.1	5.1	4.6	3.7
70					4.9	5	4.5	3.6			4.5	4.5	4.8	4.8	4.5	3.6
72					4.6	4.6	4.4	3.5				4.2	4.4	4.5	4.4	3.5
74						4.2	4.3	3.4					4.1	4.2	4.3	3.4
RR	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
Permissible wind speed m/s	10.6															

("RR": Recommended Reeving)

Operating mode SF

Unit: t

Main boom	71								\					
Fixed jib	13		19		25		31		\	\	\	\		
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°						
16	22.6													
18	22.5		16.1											
20	22.2	15	15.9		10.7		7.1							
22	22	15	15.6		10.5		7							
24	21.9	15.2	15.4	11	10.4		6.8							
26	21.8	15.3	15.2	11.1	10.2	7.8	6.7							
28	21.6	15.4	15	11.3	10	7.7	6.5							
30	19.7	16.4	14.7	11.4	9.9	7.5	6.5	4.6						
32	18	16.5	14.5	11.4	9.8	7.4	6.3	4.6						
34	16.6	16.2	14.3	11.4	9.3	7.4	6.2	4.6						
36	15.2	14.9	14	11.4	9.2	7.4	6.1	4.6						
38	14	13.7	14.3	11.3	9	7.2	6	4.5						
40	12.9	12.6	13.2	11.1	8.8	7.1	5.9	4.5						
42	11.9	11.6	12.2	11	8.7	7	5.8	4.4						
44	11	10.7	11.3	11.3	8.6	7	5.7	4.4						
46	10.2	9.9	10.5	10.5	8.4	7	5.6	4.3						
48	9.4	9.2	9.7	9.7	8.3	6.9	5.5	4.3						
50	8.8	8.6	9	9	8.5	6.8	5.4	4.2						
52	8.1	7.9	8.4	8.4	8.3	6.7	5.4	4.2						
54	7.5	7.4	7.8	7.8	8.1	6.6	5.3	4.2						
56	7	6.8	7.2	7.2	7.5	6.5	5.1	4.1						
58	6.5	6.3	6.8	6.7	7	6.4	5	4						
60	6	5.8	6.3	6.2	6.5	6.6	4.9	3.9						
62	5.6	5.4	5.9	5.8	6.1	6.2	4.8	3.8						
64	5.2	5	5.4	5.4	5.7	5.8	4.8	3.8						
66	4.8	4.6	5.1	5	5.3	5.4	4.7	3.8						
68		4.3	4.7	4.6	4.9	5	4.6	3.7						
70			4.3	4.3	4.6	4.6	4.5	3.6						
72			4	4	4.3	4.3	4.4	3.5						
74				3.7	3.9	4	4.2	3.4						
RR	2	2	2	1	1	1	1	1						
Permissible wind speed m/s	10.6													

("RR": Recommended Reeving)

3. Lifting capacity charts (SF, with main hook)

Operating mode SF (with main hook)

Unit: t

Main boom	47								50							
Fixed jib	13		19		25		31		13		19		25		31	
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
14	21.5		16.5						21.5		16.5					
16	21.5	18.7	16.2		10.8				21.5		16		10.8			
18	21.5	18.5	15.7		10.8		7.4		21.5	18.4	15.8		10.8		7.3	
20	21.5	18.2	15.3	11.7	10.8		7.1		21.5	18.2	15.4	11.7	10.8		7.1	
22	21.5	18	14.8	12.1	10.8		6.9		21.5	18	15	11.5	10.8		6.9	
24	21.5	17.9	14.6	11.9	10.7	7.4	6.7		21.5	17.9	14.6	11.9	10.6	7.4	6.7	
26	21.5	17.6	14.2	11.7	9.2	7.3	6.6		21.5	17.6	14.2	11.7	10.4	7.4	6.6	
28	20.6	17.5	13.8	11.5	9	7.2	6.4	4.8	20.3	17.5	14	11.6	9	7.2	6.4	4.8
30	18.5	17.3	13.5	11.3	8.8	7.1	6.2	4.7	18.3	17.3	13.7	11.4	8.9	7.1	6.2	4.7
32	16.8	16.4	13.1	11.2	8.6	6.9	6.1	4.6	16.6	16.2	13.3	11.3	8.6	7	6.1	4.6
34	15.3	14.9	12.9	11	8.4	6.8	5.9	4.5	15.1	14.7	13	11.1	8.5	6.8	5.9	4.5
36	13.9	13.6	12.6	10.9	8.2	6.7	5.8	4.4	13.8	13.4	13.4	11	8.2	6.8	5.8	4.4
38	12.7	12.4	13	10.8	8	6.6	5.6	4.3	12.6	12.2	13	10.9	8.1	6.6	5.7	4.3
40	11.7	11.3	12.2	10.7	7.8	6.5	5.4	4.1	11.5	11.3	12	10.7	7.9	6.5	5.5	4.2
42	10.7	10.4	11.2	10.6	7.6	6.4	5.3	4.1	10.6	10.3	11	10.7	7.8	6.4	5.4	4.1
44	9.9	9.6	10.4	10.2	7.5	6.2	5.1	4	9.7	9.5	10.2	10.1	7.6	6.3	5.2	4
46	9.1	8.9	9.6	9.5	7.4	6.2	5	3.8	9	8.7	9.4	9.3	7.4	6.2	5	3.9
48	8.4	8.1	8.9	8.7	7.2	6.1	4.8	3.8	8.2	8	8.7	8.6	7.3	6.2	4.9	3.8
50		7.5	8.2	8.1	7	6	4.6	3.7	7.6	7.4	8.1	8	7.1	6.1	4.8	3.8
52			7.6	7.5	6.9	5.9	4.6	3.6	7	6.8	7.4	7.4	7	6	4.6	3.7
54			7	6.9	6.7	5.9	4.4	3.5			6.9	6.8	6.9	5.9	4.6	3.6
56				6.4	6.6	5.9	4.3	3.5			6.4	6.2	6.7	5.9	4.4	3.5
58					6.5	5.8	4.2	3.5				5.8	6.2	5.8	4.2	3.5
60					6	5.8	4.1	3.4					5.8	5.8	4.2	3.5
62						5.5	3.9	3.4					5.4	5.3	4.1	3.4
64							3.8	3.3						5	4	3.4
66								3.3							3.8	3.3
68																3.3
RR	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
Permissible wind speed m/s	13.8								10.6							

("RR": Recommended Reeving)

Operating mode SF (with main hook)

Unit: t

Main boom	53								56									
	Fixed jib		13		19		25		31		13		19		25		31	
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
14	21.5									21.5								
16	21.5		16		10.8					21.5		16						
18	21.5	18.4	15.6		10.8		7.3			21.5	18.3	15.6		10.8				
20	21.5	18.2	15.4		10.8		7.1			21.5	18.1	15.3		10.8		7		
22	21.5	17.9	15	11.5	10.8		6.9			21.5	17.9	15	11.5	10.8		6.9		
24	21.5	17.8	14.6	11.3	10.6	7.4	6.7			21.5	17.8	14.7	11.3	10.6		6.7		
26	21.5	17.6	14.3	11.7	10.4	7.4	6.6			21.5	17.6	14.4	11.3	10.3	7.4	6.5		
28	20.2	17.6	14	11.6	9.1	7.2	6.4	4.9		20.1	17.5	14.1	11.6	10.1	7.2	6.4	4.9	
30	18.2	17.4	13.8	11.4	8.9	7.1	6.2	4.7	18	17.3	13.8	11.5	9	7.1	6.2	4.7		
32	16.4	16.1	13.4	11.3	8.7	7	6.1	4.6	16.3	16	13.5	11.3	8.7	7	6.1	4.7		
34	14.9	14.6	13.1	11.1	8.6	6.9	6	4.5	14.7	14.5	13.2	11.2	8.6	6.9	6	4.5		
36	13.6	13.3	13.4	11	8.4	6.8	5.8	4.4	13.4	13.2	13.5	11	8.5	6.8	5.8	4.4		
38	12.4	12.1	12.9	10.9	8.2	6.7	5.7	4.4	12.2	12	12.7	11	8.2	6.7	5.7	4.4		
40	11.4	11.1	11.8	10.8	8	6.5	5.6	4.2	11.2	11	11.7	10.8	8.1	6.6	5.6	4.3		
42	10.4	10.1	10.9	10.7	7.8	6.5	5.4	4.1	10.2	10.1	10.7	10.7	7.9	6.5	5.5	4.1		
44	9.5	9.3	10	10	7.7	6.4	5.3	4.1	9.4	9.2	9.8	9.9	7.8	6.5	5.4	4.1		
46	8.8	8.6	9.2	9.2	7.5	6.3	5.1	4	8.6	8.4	9	9.1	7.6	6.3	5.2	4		
48	8.1	7.9	8.5	8.5	7.4	6.2	5	3.8	7.9	7.7	8.4	8.3	7.4	6.2	5.1	3.9		
50	7.4	7.2	7.8	7.8	7.3	6.1	4.9	3.8	7.3	7.1	7.7	7.7	7.4	6.2	5	3.8		
52	6.8	6.6	7.3	7.2	7.1	6	4.7	3.8	6.6	6.5	7.1	7.1	7.2	6.1	4.8	3.8		
54	6.2	6.1	6.7	6.6	7	6	4.6	3.7	6.2	5.9	6.6	6.5	6.9	6	4.7	3.7		
56			6.2	6.1	6.6	5.9	4.5	3.6	5.6	5.5	6	6	6.4	5.9	4.6	3.6		
58			5.7	5.6	6.1	5.9	4.4	3.5		5	5.6	5.6	5.9	5.9	4.5	3.6		
60				5.2	5.6	5.7	4.2	3.5			5.1	5.1	5.4	5.6	4.3	3.5		
62					5.2	5.3	4.2	3.5				4.7	5	5.1	4.2	3.5		
64					4.8	4.8	4.1	3.4				4.3	4.6	4.7	4.2	3.5		
66						4.4	4	3.4					4.3	4.4	4.1	3.4		
68							3.8	3.3						4	3.9	3.4		
70							3.8	3.3							3.9	3.3		
72								3.3							3.6	3.3		
RR	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1		
Permissible wind speed m/s	10.6																	

("RR": Recommended Reeving)

Operating mode SF (with main hook)

Unit: t

Main boom	59								62							
Fixed jib	13		19		25		31		13		19		25		31	
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
16	21.5		16						21.5		15.8					
18	21.5	18.2	15.6		10.8				21.5	17.8	15.6		10.8			
20	21.5	18	15.3		10.8		7		21.5	17.9	15.3		10.7		6.9	
22	21.5	17.9	15	11.5	10.6		6.8		21.5	17.8	15	11.5	10.5		6.8	
24	21.5	17.7	14.7	11.3	10.5		6.7		21.5	17.6	14.6	11.3	10.3		6.6	
26	21.5	17.6	14.4	11.2	10.2	7.3	6.5		21.5	17.6	14.5	11.2	10.2	7.3	6.5	
28	19.8	17.4	14.2	11.1	10.1	7.2	6.4		19.6	17.4	14.2	11	9.9	7.2	6.4	
30	17.8	17.3	13.8	11	9	7.1	6.2	4.7	17.7	17.3	13.8	11	9	7.1	6.2	4.8
32	16.1	15.8	13.5	11.3	8.8	7	6.1	4.7	15.9	15.7	13.6	10.8	8.9	7.1	6.1	4.7
34	14.6	14.3	13.3	11.2	8.6	6.9	6	4.5	14.4	14.2	13.3	10.7	8.6	6.9	6	4.6
36	13.2	13	13.6	11.1	8.4	6.8	5.8	4.4	13	12.9	13.1	11.1	8.5	6.8	5.8	4.4
38	12.1	11.9	12.6	11	8.3	6.8	5.7	4.4	11.8	11.7	12.4	11	8.3	6.8	5.7	4.4
40	11	10.8	11.4	10.9	8.2	6.6	5.6	4.3	10.8	10.7	11.3	10.9	8.2	6.7	5.6	4.3
42	10.1	9.9	10.5	10.6	8	6.5	5.5	4.2	9.8	9.8	10.3	10.4	8.1	6.6	5.5	4.2
44	9.2	9.1	9.7	9.7	7.8	6.5	5.4	4.1	9	8.9	9.5	9.6	7.9	6.5	5.4	4.1
46	8.4	8.3	8.9	8.9	7.7	6.4	5.3	4.1	8.2	8.1	8.7	8.8	7.8	6.5	5.3	4.1
48	7.7	7.6	8.2	8.2	7.5	6.3	5.2	4	7.5	7.4	8	8.1	7.6	6.3	5.2	4
50	7	6.9	7.5	7.6	7.4	6.2	5	3.9	6.9	6.8	7.4	7.4	7.4	6.2	5.1	3.9
52	6.5	6.3	6.9	6.9	7.2	6.2	4.9	3.8	6.3	6.2	6.7	6.8	7.1	6.2	5	3.8
54	5.9	5.8	6.3	6.4	6.7	6.1	4.7	3.8	5.8	5.6	6.2	6.2	6.6	6.1	4.8	3.8
56	5.4	5.3	5.8	5.9	6.2	6	4.6	3.7	5.2	5.2	5.7	5.7	6	6	4.7	3.8
58	5	4.8	5.4	5.4	5.7	5.9	4.6	3.6	4.7	4.7	5.2	5.3	5.5	5.8	4.6	3.7
60		4.4	4.9	4.9	5.3	5.4	4.4	3.5	4.3	4.2	4.7	4.8	5.1	5.3	4.5	3.6
62			4.5	4.5	4.9	5	4.3	3.5		3.8	4.3	4.4	4.6	4.9	4.4	3.5
64			4.1	4.1	4.5	4.6	4.2	3.5			3.9	4	4.2	4.4	4.3	3.5
66				3.7	4.1	4.2	4.1	3.5			3.5	3.6	3.9	4.1	4.2	3.5
68					3.8	3.8	4	3.4				3.2	3.5	3.7	3.8	3.4
70						3.5	3.7	3.4					3.2	3.4	3.5	3.4
72						3.2	3.4	3.3						3	3.2	3.3
74							3.1	3.2							3	3.2
RR	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
Permissible wind speed m/s	10.6															

("RR": Recommended Reeving)

Operating mode SF (with main hook)

Unit: t

Main boom	65								68							
Fixed jib	13		19		25		31		13		19		25		31	
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°	10°	30°
16	21.5		15.7						21.5							
18	21.5	16.6	15.4		10.7				21.5		15.4		10.5			
20	21.5	16.8	15.1		10.6		6.9		21.5	15.7	15		10.3		6.8	
22	21.5	17	15	11.5	10.3		6.7		21.5	15.9	14.8	10.9	10.2		6.7	
24	21.5	17.2	14.6	11.3	10.2		6.6		21.5	16.1	14.6	11	10		6.5	
26	21.4	17.4	14.3	11.2	10	7.3	6.5		21.1	16.2	14.3	11.1	9.8	7.3	6.4	
28	19.3	17.3	14.1	11	9.8	7.2	6.3		19	16.4	14.1	11	9.7	7.2	6.3	
30	17.4	17.2	13.9	10.9	9.7	7.1	6.2	4.8	17.2	16.5	13.8	10.9	9.5	7.1	6.2	4.5
32	15.8	15.6	13.6	10.7	8.9	7.1	6.1	4.7	15.6	15.4	13.7	10.8	8.9	7	6	4.4
34	14.2	14.1	13.4	10.7	8.7	7	5.9	4.6	14.1	14	13.4	10.7	8.7	7	5.9	4.4
36	13	12.8	13.1	10.6	8.6	6.9	5.8	4.5	12.7	12.6	13.1	10.7	8.6	6.9	5.8	4.4
38	11.8	11.6	12.2	10.5	8.4	6.8	5.7	4.4	11.5	11.5	12	10.5	8.4	6.8	5.7	4.4
40	10.7	10.6	11.1	10.9	8.2	6.7	5.6	4.3	10.5	10.4	11	10.4	8.3	6.8	5.6	4.3
42	9.8	9.6	10.2	10.4	8.2	6.6	5.5	2.6	9.5	9.5	10	10.2	8.2	6.6	5.5	4.2
44	8.9	8.8	9.4	9.5	8	6.5	5.4	2.6	8.6	8.6	9.1	9.3	8	6.5	5.4	4.2
46	8.1	8	8.6	8.7	7.8	6.5	5.3	2.5	7.9	7.9	8.3	8.6	7.9	6.5	5.3	4.1
48	7.4	7.3	7.8	8	7.7	6.4	5.2	2.5	7.2	7.1	7.6	7.8	7.8	6.4	5.2	4.1
50	6.7	6.7	7.2	7.3	7.5	6.3	5.1	2.5	6.6	6.5	7	7.1	7.4	6.3	5.1	4
52	6.2	6.1	6.6	6.7	7	6.2	5	2.4	5.9	5.9	6.4	6.5	6.7	6.2	5.1	3.9
54	5.6	5.6	6	6.2	6.4	6.2	4.9	2.4	5.4	5.4	5.8	6	6.2	6.2	4.9	3.8
56	5	5	5.5	5.6	5.8	6.1	4.8	2.3	4.9	4.9	5.3	5.5	5.7	6	4.8	3.8
58	4.6	4.6	5	5.1	5.4	5.6	4.6	2.4	4.4	4.4	4.8	5	5.2	5.5	4.7	3.8
60	4.2	4.1	4.6	4.7	5	5.2	4.6	2.4	4	4	4.4	4.5	4.7	5	4.6	3.7
62	3.8	3.7	4.2	4.3	4.5	4.7	4.5	2.4	3.5	3.5	4	4.1	4.3	4.6	4.6	3.6
64		3.3	3.8	3.8	4.2	4.4	4.4	2.3	3.2	3.2	3.6	3.7	3.9	4.2	4.2	3.5
66			3.4	3.5	3.8	4	4	2.3		2.8	3.2	3.3	3.5	3.8	3.8	3.5
68			3	3.2	3.4	3.6	3.7	2.3			2.9	2.9	3.2	3.5	3.5	3.5
70				2.8	3	3.2	3.4	2.3			2.6	2.6	2.9	3.1	3.2	3.4
72					2.8	2.9	3	2.3				2.3	2.6	2.8	2.9	3.2
74					2.5	2.6	2.8	2.3					2.2	2.5	2.6	2.9
RR	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
Permissible wind speed m/s	10.6															

("RR": Recommended Reeving)

Operating mode SF (with main hook)

Unit: t

Main boom	71								\								
	13		19		25		31		\	\	\	\	\	\	\	\	
Fixed jib	10°	30°	10°	30°	10°	30°	10°	30°									
Radius/angle	10°	30°	10°	30°	10°	30°	10°	30°									
16	21.3																
18	21.5		15.1														
20	21.5	14	15		10.1		6.7										
22	21.5	14.1	14.7		9.9		6.6										
24	21.5	14.3	14.5	10.4	9.8		6.4										
26	20.9	14.3	14.3	10.4	9.6	7.3	6.3										
28	18.7	14.5	14.1	10.6	9.4	7.2	6.2										
30	16.9	15.4	13.8	10.7	9.4	7.1	6.1	4.4									
32	15.3	15.2	13.6	10.7	9.2	7	6	4.4									
34	13.9	13.8	13.4	10.7	8.7	6.9	5.8	4.4									
36	12.6	12.5	13	10.7	8.6	6.9	5.7	4.3									
38	11.4	11.3	11.8	10.6	8.5	6.8	5.6	4.2									
40	10.3	10.3	10.8	10.4	8.3	6.7	5.5	4.2									
42	9.4	9.3	9.8	10.1	8.2	6.6	5.4	4.1									
44	8.5	8.5	9	9.2	8.1	6.6	5.4	4.1									
46	7.7	7.7	8.2	8.4	7.9	6.5	5.3	4.1									
48	7	7.1	7.4	7.7	7.8	6.5	5.2	4.1									
50	6.4	6.4	6.8	7	7.2	6.4	5.1	4									
52	5.8	5.8	6.2	6.4	6.6	6.3	5	4									
54	5.2	5.3	5.7	5.9	6	6.2	5	3.9									
56	4.7	4.7	5.1	5.3	5.5	5.9	4.8	3.8									
58	4.2	4.3	4.6	4.8	5	5.3	4.7	3.8									
60	3.8	3.8	4.2	4.4	4.6	4.9	4.6	3.7									
62	3.4	3.4	3.8	4	4.2	4.4	4.5	3.6									
64	3	3	3.4	3.5	3.8	4.1	4.1	3.6									
66	2.6	2.6	3	3.2	3.4	3.7	3.7	3.5									
68		2.3	2.7	2.9	3	3.3	3.4	3.5									
70			2.4	2.5	2.7	2.9	3	3.4									
72			2.1	2.2	2.4	2.6	2.7	3.1									
74				1.9	2.1	2.3	2.4	2.8									
RR	2	2	2	1	1	1	1	1									
Permissible wind speed m/s	10.6																

("RR": Recommended Reeving)

**CAUTION**

1. Values in lifting capacity charts include the weight of sling and wire rope. The actual weight of load should be less than the value.
2. Values in lifting capacity charts are provided on the basis of the fact that the ground is solid and flat and the load is freely suspended.
3. Blank area in chart represents non-working area, where operation is prohibited.

**WARNING**

1. It is prohibited to operate main boom and fixed jib simultaneously.
2. For fixed jib operating mode (with the primary hook) and main boom operating mode (with fixed jib), the primary hook on main boom head must be reeved with H2 and the auxiliary hook on jib head must be reeved with H1. Otherwise, the hoisting rope will be twined or damaged.