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XLC250

CRAWLER CRANE

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—January 2021 edition—

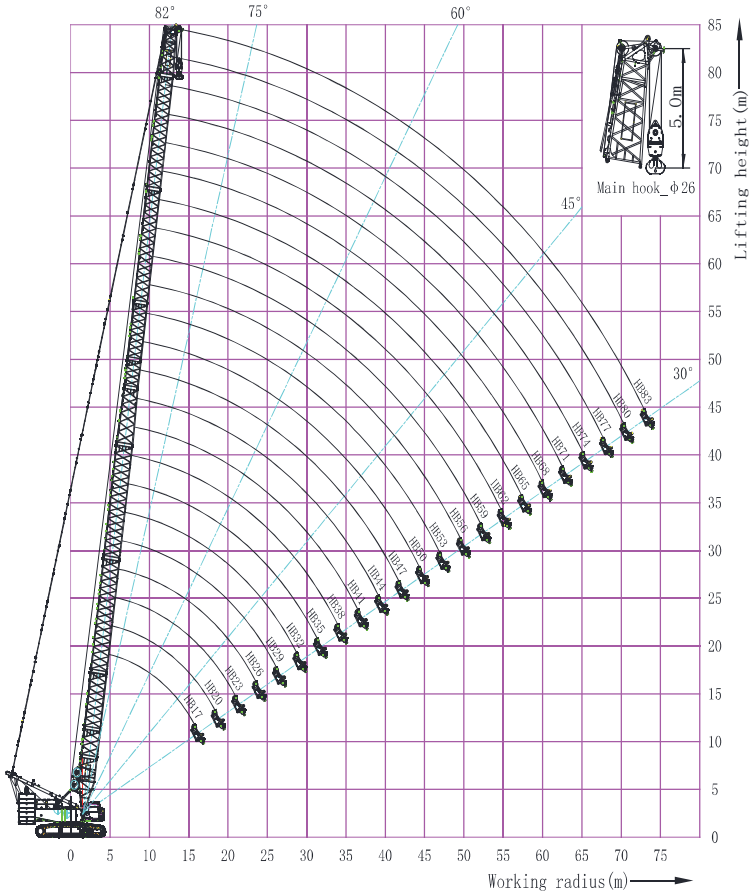
C. Boom raising table under main boom working condition

Boom raising table under boom working condition with boom single pulley (HBS/1 & HBS/2)

HBS/1 & HBS/2	Counterweight combination：Turntable counterweight (t)+Car-body counterweight (t)		
Main boom combination	75+21	65+21	55+21
HB17	◎	◎	◎
HB20	◎	◎	◎
HB23	◎	◎	◎
HB26	◎	◎	◎
HB29	◎	◎	◎
HB32	◎	◎	◎
HB35	◎	◎	◎
HB38	◎	◎	◎
HB41	◎	◎	◎
HB44	◎	◎	◎
HB47	◎	◎	◎
HB50	◎	◎	◎
HB53	◎	◎	◎
HB56	◎	◎	◎
HB59	◎	◎	◎
HB62	◎	◎	◎
HB65	◎	◎	◎
HB68	◎	◎	◎
*HB71	◎	◎	◎
*HB74	◎	◎	●
*HB77	◎	◎	×
*HB80	◎	●	×
*HB83	◎	×	×

Notes:
1. “◎” – boom can be raised; “●” –– wedge required to raise boom; “×” – boom cannot be raised, this working condition cannot be used.
2. “*” Boom length needs to use 1.33m center hitch.
3. For boom raising, position crawler drive sprocket at the rear of the crane.

1.1 Characteristics of main boom main hook under main boom working condition without boom single pulley (HB/1)



Working range of main boom main hook under main boom working condition without boom single pulley (HB/1)

TYPICAL WORKING CONDITIONS

Performance of main boom main hook under main boom working condition without boom single pulley (HB/1_75t+21t)

Working radius（m）	Main boom length（m）											
	17	20	23	26	29	32	35	38	41	44	47	50
4.5	250.0											
5	220.0											
6	196.0	195.5	193.5	179.5								
7	177.0	176.0	174.5	173.5	167.9	156.1	144.2					
8	154.5	154.0	153.5	151.9	147.3	144.7	138.2	127.2	115.3	111.2		
9	136.8	136.0	135.2	133.4	132.5	129.2	126.0	122.9	115.3	111.2	107.2	
10	116.7	117.1	117.4	117.5	116.6	114.0	111.4	108.9	106.5	103.2	102.0	99.8
12	88.6	89.1	89.3	89.4	89.5	89.5	89.5	88.4	86.7	85.1	83.4	81.9
14	70.9	71.3	71.6	71.7	71.8	71.8	71.7	71.7	71.6	71.5	70.3	69.1
16	58.5	59.1	59.4	59.5	59.6	59.6	59.5	59.4	59.3	59.2	59.1	59.0
18		50.1	50.4	50.6	50.6	50.6	50.6	50.5	50.4	50.3	50.1	50.0
20			43.6	43.7	43.8	43.8	43.8	43.7	43.6	43.4	43.3	43.2
22				38.3	38.4	38.4	38.4	38.3	38.2	38.1	37.9	37.8
24				33.9	34.0	34.1	34.0	33.9	33.8	33.7	33.6	33.4
26					30.4	30.4	30.4	30.3	30.2	30.1	30.0	29.8
28						27.4	27.4	27.3	27.2	27.1	26.9	26.8
30							24.8	24.7	24.6	24.5	24.4	24.2
32							22.5	22.5	22.4	22.3	22.1	22.0
34								20.5	20.4	20.3	20.2	20.0
36									18.8	18.6	18.5	18.3
38										17.2	17.1	16.9
40										15.7	15.6	15.4
42											14.4	14.2
44												13.1
Parts of line	18	18	16	14	13	12	11	10	9	9	8	8

Notes:
1. The actual weight of hook, sling, and rope on hook and boom head must be deducted from the rated lifting capacity in the table.
2. The rated lifting capacity in the table is the value of the crane on level and solid ground, slowly lifting a load and without travel.
3. The rated lifting capacity in the table is the calculation value based on the boom sections without tower jib rear pendant, tower jib guide pulley and boom single top.
4. Tower jib rear pendant need to be removed from boom sections, tower jib guide pulley need to be removed from boom top.
5. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.

Performance of main boom main hook under main boom working condition without boom single pulley (HB/1_75t+21t) (continuous table)

Working radius（m）	Main boom length（m）										
	53	56	59	62	65	68	71*	74*	77*	80*	83*
10	94.5	81.6	81.6	81.1							
12	80.6	79.2	77.7	76.2	73.1	64.1	60.3	55.1			
14	68.2	67.0	65.9	64.7	63.6	62.5	58.5	53.5	48.8	44.7	40.9
16	58.8	57.9	56.9	55.9	55.0	54.2	53.2	52.0	47.4	43.4	39.7
18	50.1	50.0	49.8	49.0	48.3	47.6	46.7	46.1	45.3	42.1	38.6
20	43.3	43.1	43.0	42.8	42.6	42.2	41.4	40.9	40.2	39.7	37.4
22	37.9	37.7	37.6	37.4	37.2	37.1	36.8	36.6	36.0	35.5	34.8
24	33.5	33.4	33.2	33.0	32.8	32.7	32.4	32.4	32.2	31.9	31.4
26	29.9	29.8	29.6	29.4	29.2	29.1	28.8	28.8	28.6	28.5	28.2
28	26.9	26.7	26.6	26.4	26.1	26.1	25.8	25.8	25.5	25.4	25.2
30	24.3	24.2	24.0	23.8	23.6	23.5	23.2	23.2	22.9	22.8	22.6
32	22.1	21.9	21.7	21.6	21.3	21.2	21.0	20.9	20.7	20.6	20.3
34	20.2	20.0	19.8	19.6	19.4	19.3	19.0	19.0	18.8	18.6	18.4
36	18.5	18.3	18.1	17.9	17.7	17.6	17.3	17.3	17.1	16.9	16.7
38	17.0	16.8	16.6	16.4	16.2	16.1	15.8	15.8	15.5	15.4	15.2
40	15.6	15.4	15.2	15.0	14.8	14.7	14.5	14.4	14.2	14.1	13.8
42	14.4	14.2	14.0	13.8	13.6	13.5	13.2	13.2	13.0	12.9	12.6
44	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.1	11.9	11.8	11.5
46	12.3	12.1	11.9	11.7	11.5	11.5	11.3	11.1	10.9	10.8	10.5
48		11.2	11.0	10.8	10.6	10.5	10.2	10.3	10.1	9.9	9.6
50		10.3	10.2	10.0	9.8	9.7	9.4	9.5	9.3	9.1	8.9
52			9.4	9.2	9.0	8.9	8.6	8.6	8.4	8.4	8.0
54				8.5	8.3	8.2	7.9	7.9	7.7	7.6	7.3
56					7.6	7.5	7.3	7.3	7.0	6.9	6.7
58					7.0	6.9	6.7	6.7	6.4	6.3	6.1
60						6.4	6.1	6.1	5.9	5.7	5.5
62							5.6	5.6	5.3	5.2	5.0
64								5.1	4.8	4.7	4.5
66									4.4	4.3	4.0
68									3.9	3.8	3.6
70										3.4	3.2
Parts of line	7	6	6	6	6	5	5	4	4	4	4

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. Tower jib rear pendant need to be removed from boom sections, tower jib guide pulley need to be removed from boom top.

TYPICAL WORKING CONDITIONS

Performance of main boom main hook under main boom working condition without boom single pulley (HB/1_65t+21t)

Working radius（m）	Main boom length（m）											
	17	20	23	26	29	32	35	38	41	44	47	50
4.5	250											
5	220											
6	196	192	193.5	179								
7	177	176	174.5	171	165	156	144					
8	152	153	148	144	140	136	132	127	115	103		
9	126	126	126	124	121	118	115	112	109	103	99	
10	106	107	107	107	106	104	101	99.5	97.3	95.2	93.1	91
12	80.9	81.3	81.6	81.7	81.8	81.8	81.8	80.7	79.1	77.6	76.1	74.6
14	64.6	65	65.3	65.4	65.5	65.5	65.4	65.4	65.3	65.1	64	62.8
16	53.2	53.8	54.1	54.2	54.2	54.2	54.2	54.1	54	53.9	53.8	53.7
18		45.5	45.8	45.9	46	46	46	45.9	45.8	45.7	45.5	45.4
20			39.5	39.7	39.8	39.7	39.7	39.6	39.5	39.4	39.2	39.1
22				34.7	34.8	34.8	34.7	34.6	34.5	34.4	34.3	34.1
24				30.6	30.7	30.8	30.7	30.6	30.5	30.4	30.3	30.1
26					27.4	27.4	27.4	27.3	27.2	27.1	26.9	26.8
28						24.6	24.6	24.5	24.4	24.3	24.2	24
30							22.2	22.1	22.1	21.9	21.8	21.6
32							20.1	20.1	20	19.9	19.7	19.6
34								18.2	18.2	18.1	17.9	17.8
36									16.6	16.5	16.4	16.2
38										15.1	15	14.8
40										13.8	13.7	13.6
42											12.6	12.4
44												11.4
Parts of line	18	18	16	14	13	12	11	10	9	9	8	8

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. Tower jib rear pendant need to be removed from boom sections, tower jib guide pulley need to be removed from boom top.

Performance of main boom main hook under main boom working condition without boom single pulley (HB/1_65t+21t) (continuous table)

Working radius（m）	Main boom length（m）										
	53	56	59	62	65	68	71*	74*	77*	80*	83*
10	89.4	81.5	81.5	68.5							
12	73.5	72.1	70.7	68.5	68	62.6	60.2	55			
14	62	60.9	59.9	58.8	57.7	56.8	55.7	53.5	48.8	44.6	40.8
16	53.4	52.5	51.6	50.7	49.8	49.1	48.1	47.5	46.6	43.3	39.7
18	45.5	45.4	45.1	44.4	43.6	43	42.2	41.6	40.9	40.3	38.5
20	39.2	39.1	38.9	38.7	38.5	38	37.3	36.8	36.2	35.6	35
22	34.3	34.1	33.9	33.7	33.5	33.4	33.2	32.9	32.3	31.8	31.2
24	30.2	30.1	29.9	29.7	29.5	29.4	29.1	29.1	28.9	28.5	28
26	26.9	26.8	26.6	26.4	26.2	26.1	25.8	25.8	25.6	25.4	25.2
28	24.1	24	23.8	23.6	23.4	23.3	23	23	22.8	22.6	22.4
30	21.8	21.6	21.4	21.2	21	20.9	20.6	20.6	20.4	20.2	20
32	19.7	19.5	19.4	19.2	18.9	18.8	18.6	18.6	18.3	18.2	18
34	17.9	17.8	17.6	17.4	17.1	17.1	16.8	16.8	16.5	16.4	16.2
36	16.4	16.2	16	15.8	15.6	15.5	15.2	15.2	15	14.8	14.6
38	15	14.8	14.6	14.4	14.2	14.1	13.8	13.8	13.6	13.4	13.2
40	13.7	13.5	13.4	13.2	12.9	12.8	12.6	12.6	12.3	12.2	11.9
42	12.6	12.4	12.2	12	11.8	11.7	11.5	11.4	11.2	11.1	10.8
44	11.6	11.4	11.2	11	10.8	10.7	10.4	10.4	10.2	10.1	9.8
46	10.6	10.5	10.3	10.1	9.9	9.8	9.5	9.5	9.3	9.1	8.9
48		9.6	9.5	9.3	9	9	8.7	8.7	8.4	8.3	8.1
50		8.8	8.7	8.5	8.3	8.2	7.9	7.9	7.7	7.5	7.3
52			8	7.8	7.6	7.5	7.2	7.2	7	6.8	6.6
54				7.1	6.9	6.8	6.6	6.6	6.3	6.2	5.9
56					6.3	6.2	6	6	5.7	5.6	5.3
58					5.7	5.7	5.4	5.4	5.2	5	4.8
60						5.1	4.9	4.9	4.6	4.5	4.3
62							4.4	4.4	4.1	4	3.8
64								3.9	3.7	3.6	3.3
66								3.5	3.2	3.1	2.9
68									2.8	2.7	2.5
70										2.3	2.1
Parts of line	7	6	6	6	6	5	5	4	4	4	4

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. Tower jib rear pendant need to be removed from boom sections, tower jib guide pulley needs to be removed from boom top.

TYPICAL WORKING CONDITIONS

Performance of main boom main hook under main boom working condition without boom single pulley (HB/1_55t+21t)

Working radius（m）	Main boom length（m）											
	17	20	23	26	29	32	35	38	41	44	47	50
5	200											
6	196	192	193.5	179								
7	170	167	161	155	150	145	140					
8	139	139	134	131	127	123	120	116	113	103		
9	114	115	115	112	109	107	104	101	99.4	97	94.7	
10	96.8	97.2	97.4	97.6	96.6	94.4	92.3	90.2	88.2	86.2	84.3	82.4
12	73.2	73.6	73.9	74	74.1	74.1	74.1	73	71.5	70.1	68.7	67.4
14	58.3	58.8	59	59.1	59.2	59.2	59.2	59.1	59	58.8	57.7	56.6
16	47.9	48.5	48.8	48.9	49	48.9	48.9	48.8	48.7	48.6	48.5	48.4
18		40.9	41.3	41.4	41.5	41.4	41.4	41.3	41.2	41.1	41	40.8
20			35.5	35.6	35.7	35.7	35.7	35.6	35.5	35.3	35.2	35.1
22				31.1	31.2	31.2	31.1	31	31	30.8	30.7	30.5
24				27.3	27.5	27.5	27.5	27.4	27.3	27.2	27	26.8
26					24.4	24.5	24.4	24.3	24.3	24.1	24	23.8
28						21.9	21.9	21.8	21.7	21.6	21.4	21.3
30							19.7	19.6	19.5	19.4	19.3	19.1
32							17.8	17.7	17.7	17.5	17.4	17.2
34								16.1	16	15.9	15.8	15.6
36									14.5	14.4	14.3	14.1
38										13.1	13	12.9
40										12	11.9	11.7
42											10.8	10.7
44												9.7
Parts of line	18	18	16	14	13	12	11	10	9	9	8	8

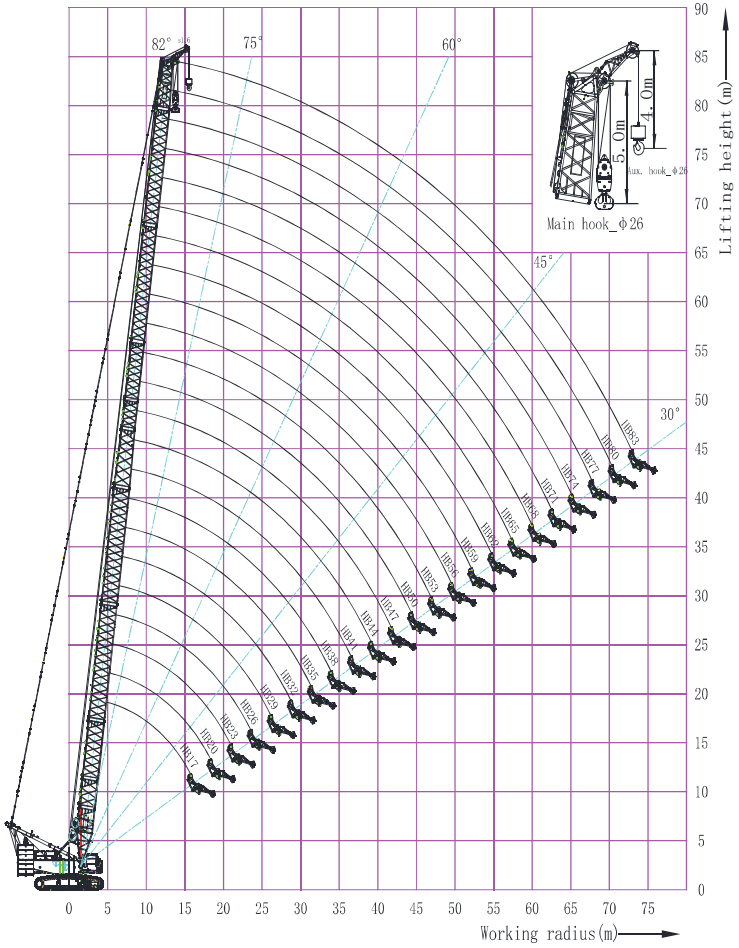
Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

Performance of main boom main hook under main boom working condition without boom single pulley (HB/1_55t+21t) (continuous table)

Working radius（m）	Main boom length（m）									
	53	56	59	62	65	68	71*	74*	77*	80*
10	81	79.2	77.5	68.5						
12	66.4	65.1	63.8	62.6	61.3	60.3	59	55		
14	55.9	54.9	53.9	52.9	51.9	51.1	50	49.3	48.3	44.6
16	48	47.2	46.4	45.5	44.7	44	43.1	42.5	41.7	41.1
18	41	40.8	40.4	39.7	39	38.4	37.7	37.2	36.5	35.9
20	35.2	35	34.9	34.7	34.4	33.9	33.2	32.8	32.2	31.7
22	30.7	30.5	30.3	30.1	29.9	29.9	29.5	29.2	28.6	28.2
24	27	26.8	26.6	26.5	26.2	26.2	25.9	25.9	25.6	25.2
26	24	23.8	23.6	23.4	23.2	23.1	22.8	22.8	22.6	22.5
28	21.4	21.2	21.1	20.9	20.6	20.6	20.3	20.3	20	19.9
30	19.2	19.1	18.9	18.7	18.5	18.4	18.1	18.1	17.8	17.7
32	17.4	17.2	17	16.8	16.6	16.5	16.2	16.2	16	15.8
34	15.7	15.6	15.4	15.2	14.9	14.9	14.6	14.6	14.3	14.2
36	14.3	14.1	13.9	13.7	13.5	13.4	13.1	13.1	12.9	12.8
38	13	12.8	12.7	12.5	12.2	12.1	11.9	11.9	11.6	11.5
40	11.9	11.7	11.5	11.3	11.1	11	10.7	10.7	10.5	10.3
42	10.8	10.7	10.5	10.3	10.1	10	9.7	9.7	9.5	9.3
44	9.9	9.8	9.6	9.4	9.1	9.1	8.8	8.8	8.5	8.4
46	9.1	8.9	8.7	8.5	8.3	8.2	7.9	7.9	7.7	7.6
48		8.1	7.9	7.8	7.5	7.4	7.2	7.2	6.9	6.8
50		7.4	7.2	7.1	6.8	6.7	6.5	6.5	6.2	6.1
52			6.6	6.4	6.2	6.1	5.8	5.8	5.6	5.5
54				5.8	5.6	5.5	5.2	5.2	5	4.9
56					5	4.9	4.7	4.7	4.4	4.3
58					4.5	4.4	4.2	4.2	3.9	3.8
60						3.9	3.7	3.7	3.4	3.3
62							3.2	3.2	3	2.9
64								2.8	2.6	2.5
66								2.4	2.2	2.1
Parts of line	7	6	6	6	6	5	5	4	4	4

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections, tower jib guide pulley needs to be removed from boom top.

1.2 Characteristics of main boom main hook under main boom working condition with boom single pulley (HBS/1)
Working range of main boom main hook under main boom working condition with boom single pulley auxiliary hook (HBS/1)



Working radius of main boom main hook under main boom working condition with boom single pulley (HBS/1)

Performance of main boom main hook under main boom working condition with boom single pulley auxiliary hook (HBS/1_75t+12t)

Working radius (m)	Main boom length (m)											
	17	20	23	26	29	32	35	38	41	44	47	50
4.5	250.0											
5	220.0											
6	196.0	192.0	190.5	179.0								
7	177.0	176.0	174.5	173.5	167.0	156.0	144.0					
8	154.5	154.0	153.5	151.9	147.3	144.7	138.2	127.0	115.0	103.0		
9	136.0	136.0	135.2	133.4	131.0	127.0	124.0	121.0	109.0	103.0	101.0	
10	115.0	115.0	116.0	116.0	115.0	112.0	110.0	107.0	105.0	102.0	99.0	91.0
12	87.5	87.9	88.2	88.3	88.4	88.4	88.4	87.2	85.5	83.8	82.2	80.6
14	69.7	70.2	70.5	70.6	70.7	70.7	70.6	70.6	70.5	70.3	69.1	67.8
16	57.4	58.0	58.3	58.4	58.5	58.5	58.4	58.3	58.3	58.1	58.0	57.9
18		49.0	49.3	49.5	49.6	49.5	49.5	49.4	49.3	49.2	49.1	48.9
20			42.5	42.6	42.7	42.7	42.7	42.6	42.5	42.4	42.2	42.1
22				37.2	37.4	37.3	37.3	37.2	37.1	37.0	36.9	36.7
24				32.8	33.0	33.0	33.0	32.9	32.8	32.6	32.5	32.3
26					29.3	29.4	29.4	29.3	29.2	29.1	28.9	28.7
28						26.3	26.3	26.2	26.2	26.0	25.9	25.7
30							23.7	23.7	23.6	23.5	23.3	23.1
32							21.5	21.4	21.4	21.2	21.1	20.9
34								19.5	19.4	19.3	19.2	19.0
36									17.7	17.6	17.4	17.3
38										16.0	15.9	15.8
40										14.7	14.6	14.4
42											13.3	13.2
44												12.1
Parts of line	18	18	16	14	13	12	11	10	9	9	8	8

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections, tower jib guide pulley needs to be removed from boom top.

TYPICAL WORKING CONDITIONS

Performance of main boom main hook under main book working condition with boom single pulley auxiliary hook (HBS/1_75t+21t) (Continuous)

Working radius (m)	Main boom length (m)										
	53	56	59	62	65	68	71*	74*	77*	80*	83*
10	85.4	81.5	78.5	68.5							
12	79.4	77.9	76.4	66.5	65.5	62.6	60.2	55.0			
14	67.0	65.8	64.6	63.5	62.3	60.5	58.5	53.5	48.8	44.6	40.8
16	57.6	56.6	55.7	54.7	53.8	53.0	52.0	51.3	47.4	43.3	39.7
18	49.1	48.9	48.7	47.8	47.0	46.4	45.5	44.9	44.1	42.1	38.5
20	42.2	42.1	41.9	41.7	41.5	41.0	40.2	39.8	39.0	38.5	37.4
22	36.8	36.7	36.5	36.3	36.1	36.0	35.8	35.4	34.8	34.3	33.7
24	32.5	32.3	32.1	31.9	31.7	31.7	31.4	31.4	31.2	30.8	30.2
26	28.9	28.7	28.5	28.3	28.1	28.0	27.8	27.8	27.5	27.4	27.2
28	25.9	25.7	25.5	25.3	25.1	25.0	24.7	24.7	24.5	24.4	24.1
30	23.3	23.1	22.9	22.7	22.5	22.4	22.2	22.1	21.9	21.8	21.5
32	21.1	20.9	20.7	20.5	20.3	20.2	19.9	19.9	19.7	19.6	19.3
34	19.1	19.0	18.8	18.6	18.4	18.3	18.0	18.0	17.7	17.6	17.4
36	17.4	17.3	17.1	16.9	16.7	16.6	16.3	16.3	16.0	15.9	15.7
38	15.9	15.8	15.6	15.4	15.1	15.0	14.8	14.8	14.5	14.4	14.2
40	14.6	14.4	14.2	14.0	13.8	13.7	13.4	13.4	13.2	13.0	12.8
42	13.4	13.2	13.0	12.8	12.6	12.5	12.2	12.2	12.0	11.8	11.6
44	12.3	12.1	11.9	11.7	11.5	11.4	11.1	11.1	10.9	10.7	10.5
46	11.2	11.1	10.9	10.7	10.5	10.4	10.1	10.1	9.9	9.8	9.5
48		10.2	10.0	9.8	9.6	9.5	9.2	9.2	9.0	8.8	8.6
50		9.3	9.2	9.0	8.8	8.7	8.4	8.4	8.1	8.0	7.8
52			8.4	8.2	8.0	7.9	7.6	7.6	7.4	7.3	7.0
54				7.5	7.3	7.2	6.9	6.9	6.7	6.6	6.3
56					6.6	6.5	6.3	6.3	6.0	5.9	5.7
58					6.0	5.9	5.7	5.7	5.4	5.3	5.1
60						5.3	5.1	5.1	4.9	4.7	4.5
62							4.6	4.6	4.3	4.2	4.0
64								4.1	3.8	3.7	3.5
66								3.6	3.4	3.3	3.0
68									2.9	2.8	2.6
70										2.4	2.2
Parts of line	7	6	6	6	5	5	5	4	4	4	4

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

Performance of main boom main hook under main boom working condition with boom single pulley (HBS/1_65t+21t)

Working radius (m)	Main boom length (m)											
	17	20	23	26	29	32	35	38	41	44	47	50
4.5	250											
5	220											
6	196	192	190.5	179								
7	177	176	174.5	170	164	156	144					
8	151	151	147	142	138	134	131	127	115	103		
9	125	125	125	123	119	116	113	111	108	103	101	
10	105	106	106	106	105	102	100	98.3	96.1	94	91.9	89.9
12	79.8	80.2	80.5	80.6	80.7	80.7	80.7	79.5	77.9	76.4	74.9	73.4
14	63.5	63.9	64.2	64.3	64.4	64.4	64.4	64.3	64.2	63.9	62.8	61.6
16	52.2	52.7	53	53.1	53.2	53.2	53.1	53.1	53	52.9	52.7	52.6
18		44.4	44.8	44.9	45	45	44.9	44.8	44.7	44.6	44.5	44.4
20			38.5	38.6	38.7	38.7	38.7	38.6	38.5	38.4	38.2	38.1
22				33.6	33.8	33.8	33.7	33.6	33.5	33.4	33.3	33.1
24				29.6	29.7	29.7	29.7	29.6	29.5	29.4	29.3	29.1
26					26.4	26.4	26.4	26.3	26.2	26.1	25.9	25.8
28						23.6	23.6	23.5	23.4	23.3	23.2	23
30							21.2	21.1	21.1	20.9	20.8	20.6
32							19.1	19.1	19	18.9	18.7	18.6
34								17.3	17.2	17.1	17	16.8
36									15.6	15.5	15.4	15.2
38										14.1	14	13.8
40										12.8	12.7	12.6
42											11.6	11.4
44												10.4
Parts of line	18	18	16	14	13	12	11	10	9	9	8	8

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

TYPICAL WORKING CONDITIONS

Performance of main boom main hook under main boom working condition with boom single pulley auxiliary hook (HBS/1_65t+21t) (continuous table)

Working radius（m）	Main boom length（m）									
	53	56	59	62	65	68	71*	74*	77*	80*
10	85.4	81.5	78.5	68.5						
12	72.3	70.9	69.5	66.5	65.5	62.6	60.2	55		
14	60.9	59.8	58.7	57.6	56.5	55.6	54.5	53.5	48.8	44.6
16	52.2	51.3	50.4	49.5	48.7	47.9	47	46.3	45.5	43.3
18	44.5	44.4	44	43.2	42.4	41.8	41	40.5	39.7	39.1
20	38.2	38.1	37.9	37.7	37.4	36.9	36.2	35.7	35	34.5
22	33.2	33.1	32.9	32.7	32.5	32.4	32.1	31.7	31.1	30.7
24	29.2	29.1	28.9	28.7	28.5	28.4	28.1	28.1	27.8	27.4
26	25.9	25.8	25.6	25.4	25.2	25.1	24.8	24.8	24.6	24.4
28	23.1	23	22.8	22.6	22.4	22.3	22	22	21.8	21.6
30	20.8	20.6	20.4	20.2	20	19.9	19.6	19.6	19.4	19.3
32	18.7	18.6	18.4	18.2	17.9	17.9	17.6	17.6	17.3	17.2
34	16.9	16.8	16.6	16.4	16.2	16.1	15.8	15.8	15.5	15.4
36	15.4	15.2	15	14.8	14.6	14.5	14.2	14.2	14	13.8
38	14	13.8	13.6	13.4	13.2	13.1	12.8	12.8	12.6	12.5
40	12.7	12.6	12.4	12.2	12	11.9	11.6	11.6	11.3	11.2
42	11.6	11.4	11.3	11.1	10.8	10.7	10.5	10.5	10.2	10.1
44	10.6	10.4	10.2	10.1	9.8	9.7	9.5	9.5	9.2	9.1
46	9.7	9.5	9.3	9.1	8.9	8.8	8.6	8.5	8.3	8.2
48		8.7	8.5	8.3	8.1	8	7.7	7.7	7.5	7.3
50		7.9	7.7	7.5	7.3	7.2	7	6.9	6.7	6.6
52			7	6.8	6.6	6.5	6.2	6.2	6	5.9
54				6.2	5.9	5.9	5.6	5.6	5.3	5.2
56					5.3	5.3	5	5	4.7	4.6
58					4.8	4.7	4.4	4.4	4.2	4.1
60						4.2	3.9	3.9	3.7	3.5
62							3.4	3.4	3.2	3.1
64								3	2.7	2.6
66								2.5	2.3	2.2
Parts of line	7	6	6	6	5	5	5	4	4	4

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. Tower jib rear pendant need to be removed from boom sections, tower jib guide pulley needs to be removed from boom top.

Performance of main boom main hook under main boom working condition with boom single pulley auxiliary hook (HBS/1_55t+21t) (continuous table)

Working radius（m）	Main boom length（m）											
	17	20	23	26	29	32	35	38	41	44	47	50
5	200											
6	196	192	190.5	179								
7	169	165	159	154	149	144	139					
8	138	137	133	129	125	122	118	115	112	103		
9	113	113	114	111	108	105	103	100	98.2	95.8	93.5	
10	95.6	96	96.3	96.5	95.4	93.2	91	89	86.9	85	83.1	81.2
12	72.1	72.5	72.8	72.9	73	73	73	71.8	70.3	68.9	67.5	66.2
14	57.2	57.7	58	58.1	58.1	58.1	58.1	58	58	57.6	56.5	55.5
16	46.9	47.4	47.7	47.8	47.9	47.9	47.9	47.8	47.7	47.6	47.5	47.3
18		39.8	40.2	40.3	40.4	40.4	40.4	40.3	40.2	40.1	39.9	39.8
20			34.4	34.6	34.7	34.7	34.6	34.5	34.5	34.3	34.2	34
22				30	30.2	30.2	30.1	30	29.9	29.8	29.7	29.5
24				26.3	26.5	26.5	26.5	26.4	26.3	26.1	26	25.8
26					23.4	23.4	23.4	23.3	23.3	23.1	23	22.8
28						20.9	20.9	20.8	20.7	20.6	20.4	20.3
30							18.7	18.6	18.5	18.4	18.3	18.1
32							16.8	16.7	16.7	16.5	16.4	16.2
34								15.1	15	14.9	14.8	14.6
36									13.6	13.5	13.3	13.2
38										12.2	12	11.9
40										11	10.9	10.7
42											9.9	9.7
44												8.8
Parts of line	18	18	16	14	13	12	11	10	9	9	8	8

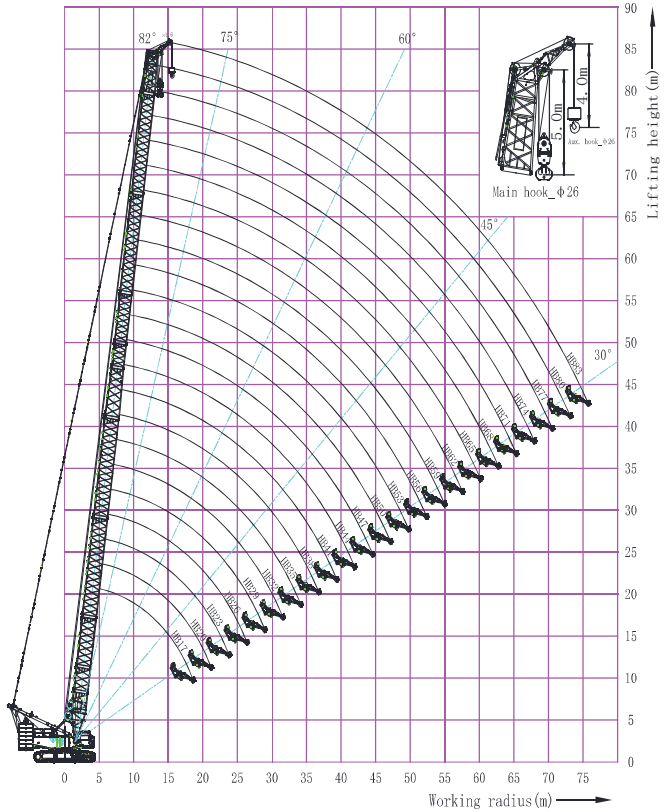
Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. Tower jib rear pendant need to be removed from boom sections, tower jib guide pulley needs to be removed from boom top.

Performance of main boom main hook under main boom working condition with boom single pulley auxiliary hook (HBS/1_55t+21t) (continuous table)

Working radius（m）	Main boom length（m）							
	53	56	59	62	65	68	71*	74*
10	79.7	78	76.3	68.5				
12	65.2	63.9	62.7	61.4	60.2	59.1	57.8	
14	54.7	53.7	52.7	51.7	50.7	49.9	48.9	47.2
16	46.9	46	45.2	44.4	43.5	42.9	42	40.6
18	39.9	39.8	39.3	38.6	37.9	37.3	36.5	35.3
20	34.2	34	33.9	33.7	33.3	32.8	32.1	31.0
22	29.7	29.5	29.3	29.1	28.9	28.8	28.4	27.5
24	26	25.8	25.6	25.4	25.2	25.2	24.9	24.5
26	23	22.8	22.6	22.4	22.2	22.1	21.9	21.6
28	20.4	20.2	20.1	19.9	19.6	19.6	19.3	19.0
30	18.2	18.1	17.9	17.7	17.5	17.4	17.1	16.9
32	16.4	16.2	16	15.8	15.6	15.5	15.2	15.0
34	14.7	14.6	14.4	14.2	14	13.9	13.6	13.3
36	13.3	13.1	13	12.8	12.5	12.4	12.2	11.9
38	12	11.9	11.7	11.5	11.3	11.2	10.9	10.6
40	10.9	10.7	10.5	10.3	10.1	10	9.8	9.5
42	9.9	9.7	9.5	9.3	9.1	9	8.7	8.5
44	8.9	8.8	8.6	8.4	8.2	8.1	7.8	7.6
46	8.1	7.9	7.8	7.6	7.3	7.2	7	6.7
48		7.2	7	6.8	6.6	6.5	6.2	6.0
50		6.4	6.3	6.1	5.9	5.8	5.5	5.3
52			5.6	5.4	5.2	5.1	4.9	4.6
54				4.8	4.6	4.5	4.3	4.0
56					4.1	4	3.7	3.5
58					3.5	3.5	3.2	3.0
60						3	2.7	2.5
62							2.3	2.0
Parts of line	7	6	6	6	5	5	5	4

Notes:
1. Boom length exceeds 71m with “*”, center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

1.3 Characteristics of boom single pulley auxiliary hook under main boom working condition with main boom main hook (HBS/2)
Working radius of boom single pulley auxiliary hook under main boom working condition with main boom main hook (HBS/2)



Working radius of boom single pulley auxiliary hook under main boom working condition without main boom main hook (HBS/2)

TYPICAL WORKING CONDITIONS

Performance of boom single pulley auxiliary hook under main boom working condition with main boom main hook (HBS/2_75t+21t)

Working radius (m)	Main boom length (m)											
	17	20	23	26	29	32	35	38	41	44	47	50
6	13.5											
7	13.5	13.5	13.5	13.5								
8	13.5	13.5	13.5	13.5	13.5	13.5	13.5					
9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5		
10	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	
12	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
14	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
16	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
18		13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20			13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22				13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24				13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26					13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28						13.5	13.5	13.5	13.5	13.5	13.5	13.5
30							13.5	13.5	13.5	13.5	13.5	13.5
32							13.5	13.5	13.5	13.5	13.5	13.5
34								13.5	13.5	13.5	13.5	13.5
36									13.5	13.5	13.5	13.5
38										13.5	13.5	13.5
40										13.5	13.5	13.5
42											12.5	12.3
44												11.2
Parts of line	1	1	1	1	1	1	1	1	1	1	1	1

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

Performance of boom single pulley auxiliary hook under main boom working condition with main boom main hook (HBS/2_75t+21t)

Working radius (m)	Main boom length (m)										
	53	56	59	62	65	68	71*	74*	77*	80*	83*
12	13.5	13.5	13.5	13.5							
14	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5			
16	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
18	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
32	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
34	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
36	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
38	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
40	13.5	13.5	13.4	13.2	13.0	12.9	12.6	12.6	12.4	12.2	12.0
42	12.5	12.3	12.1	12.0	11.7	11.6	11.4	11.4	11.1	11.0	10.8
44	11.4	11.2	11.0	10.8	10.6	10.5	10.3	10.2	10.0	9.9	9.7
46	10.3	10.2	10.0	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.6
48		9.2	9.1	8.9	8.7	8.6	8.3	8.3	8.1	8.0	7.7
50		8.4	8.2	8.0	7.8	7.7	7.5	7.5	7.2	7.1	6.9
52			7.4	7.3	7.0	7.0	6.7	6.7	6.5	6.3	6.1
54				6.5	6.3	6.2	6.0	6.0	5.7	5.6	5.4
56					5.6	5.6	5.3	5.3	5.1	4.9	4.7
58					5.0	4.9	4.7	4.7	4.4	4.3	4.1
60						4.3	4.1	4.1	3.9	3.8	3.5
62							3.6	3.6	3.3	3.2	3.0
64								3.0	2.8	2.7	2.5
66								2.6	2.3	2.2	2.0
68									1.9	1.8	1.5
Parts of line	1	1	1	1	1	1	1	1	1	1	1

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

TYPICAL WORKING CONDITIONS

Performance of boom single pulley auxiliary hook under main boom working condition with main boom main hook (HBS/2_65t+21t)

Working radius (m)	Main boom length (m)											
	17	20	23	26	29	32	35	38	41	44	47	50
6	13.5											
7	13.5	13.5	13.5	13.5								
8	13.5	13.5	13.5	13.5	13.5	13.5	13.5					
9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5		
10	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	
12	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
14	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
16	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
18		13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20			13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22				13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24				13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26					13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28						13.5	13.5	13.5	13.5	13.5	13.5	13.5
30							13.5	13.5	13.5	13.5	13.5	13.5
32							13.5	13.5	13.5	13.5	13.5	13.5
34								13.5	13.5	13.5	13.5	13.5
36									13.5	13.5	13.5	13.5
38										13.3	13.2	13
40										12	11.9	11.7
42											10.7	10.6
44												9.5
Parts of line	1	1	1	1	1	1	1	1	1	1	1	1

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

Performance of boom single pulley auxiliary hook under main boom working condition with main boom main hook (HBS/2_65t+21t)

Working radius (m)	Main boom length (m)									
	53	56	59	62	65	68	71*	74*	77*	80*
12	13.5	13.5	13.5	13.5						
14	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5		
16	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
18	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
32	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
34	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
36	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4	13.2	13.1
38	13.2	13	12.8	12.6	12.4	12.3	12	12	11.8	11.7
40	11.9	11.7	11.5	11.4	11.1	11	10.8	10.8	10.5	10.4
42	10.7	10.6	10.4	10.2	10	9.9	9.6	9.6	9.4	9.3
44	9.7	9.5	9.4	9.2	9	8.9	8.6	8.6	8.4	8.2
46	8.8	8.6	8.4	8.2	8	7.9	7.7	7.7	7.4	7.3
48		7.7	7.6	7.4	7.2	7.1	6.8	6.8	6.6	6.4
50		6.9	6.8	6.6	6.4	6.3	6	6	5.8	5.7
52			6	5.9	5.7	5.6	5.3	5.3	5.1	4.9
54				5.2	5	4.9	4.6	4.6	4.4	4.3
56					4.4	4.3	4	4	3.8	3.7
58					3.8	3.7	3.4	3.4	3.2	3.1
60						3.2	2.9	2.9	2.7	2.6
62							2.4	2.4	2.2	2.1
64								1.9	1.7	1.6
66								1.5		
Parts of line	1	1	1	1	1	1	1	1	1	1

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

Performance of boom single pulley auxiliary hook under main boom working condition with main boom main hook (HBS/2_55t+21t)

Working radius（m）	Main boom length（m）											
	17	20	23	26	29	32	35	38	41	44	47	50
6	13.5											
7	13.5	13.5	13.5	13.5								
8	13.5	13.5	13.5	13.5	13.5	13.5	13.5					
9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5		
10	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	
12	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
14	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
16	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
18		13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20			13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22				13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24				13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26					13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28						13.5	13.5	13.5	13.5	13.5	13.5	13.5
30							13.5	13.5	13.5	13.5	13.5	13.5
32							13.5	13.5	13.5	13.5	13.5	13.5
34								13.5	13.5	13.5	13.5	13.5
36									12.8	12.7	12.5	12.4
38										11.4	11.2	11.1
40										10.2	10.1	9.9
42											9	8.9
44												7.9
Parts of line	1	1	1	1	1	1	1	1	1	1	1	1

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

Performance of boom single pulley auxiliary hook under main boom working condition with main boom main hook (HBS/2_55t+21t) (continuous table)

Working radius（m）	Main boom length（m）							
	53	56	59	62	65	68	71*	74*
12	13.5	13.5	13.5	13.5				
14	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
16	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
18	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
32	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
34	13.5	13.5	13.5	13.4	13.2	13.1	12.9	12.9
36	12.5	12.4	12.2	12	11.8	11.7	11.4	11.4
38	11.2	11.1	10.9	10.7	10.5	10.4	10.1	10.1
40	10.1	9.9	9.7	9.5	9.3	9.2	8.9	8.9
42	9	8.8	8.7	8.5	8.3	8.2	7.9	7.9
44	8	7.9	7.7	7.5	7.3	7.2	7	6.9
46	7.2	7	6.8	6.7	6.4	6.4	6.1	6.1
48		6.2	6.1	5.9	5.7	5.6	5.3	5.3
50		5.5	5.3	5.2	4.9	4.9	4.6	4.6
52			4.7	4.5	4.3	4.2	3.9	3.9
54				3.9	3.7	3.6	3.3	3.3
56					3.1	3	2.7	2.7
58					2.5	2.5	2.2	2.2
60						2	1.7	1.7
Parts of line	1	1	1	1	1	1	1	1

Notes:
1. Boom length exceeds 71m with "*", center hitch must be used; boom length exceeds 74m, a wedge block must be used for boom raising.
2. 1 Tower jib rear pendant need to be removed from boom sections; tower jib guide pulley needs to be removed from boom top.

2.Tower jib working condition

2.1 Combinations of main boom sections under tower jib working condition

Name and qty. / Main boom combination	Boom Butt 6m	Insert section 3mA	Insert section 6mA	Insert section 12mA	Boom transition section 6m	Insert section 3mB	Insert section 6mB	Insert section 12mB	Boom top 5m
HB20	1	1	0	0	1	0	0	0	1
HB23	1	0	1	0	1	0	0	0	1
HB26	1	1	1	0	1	0	0	0	1
HB29	1	0	0	1	1	0	0	0	1
HB32	1	1	0	1	1	0	0	0	1
HB35	1	0	1	1	1	0	0	0	1
HB38	1	1	1	1	1	0	0	0	1
HB41	1	0	0	2	1	0	0	0	1
HB44	1	1	0	2	1	0	0	0	1
HB47	1	0	1	2	1	0	0	0	1
HB50	1	1	1	2	1	0	0	0	1
HB53	1	0	0	2	1	0	0	1	1
HB56	1	1	0	2	1	0	0	1	1

2.2 Combinations of jib sections under tower jib working condition

Name and qty. / Main boom combination	Tower jib butt 1.5m	Insert section 3mB	Insert section 6mB	Insert section 12mB	Tower jib transition section 4.5m	Insert section 3mC	Insert section 6mC	Insert section 12mC	Tower jib top section 3m
W18	1	1	1	0	1	0	0	0	1
W21	1	1	1	0	1	1	0	0	1
W24	1	1	1	0	1	0	1	0	1
W27	1	1	0	1	1	1	0	0	1
W30	1	1	1	1	1	0	0	0	1
W33	1	1	1	1	1	1	0	0	1
W36	1	1	1	1	1	0	1	0	1
W39	1	1	1	1	1	1	1	0	1
W42	1	1	1	1	1	0	0	1	1
W45	1	1	1	1	1	1	0	1	1
W48	1	1	1	1	1	0	1	1	1
*W51	1	1	1	1	1	1	1	1	1
*W54	1	1	1	1	1	0	0	2	1
*W57	1	1	1	1	1	1	0	2	1
*W60	1	1	1	1	1	0	1	2	1
*W63	1	1	1	1	1	1	1	2	1

Notes:
1. “*” means tower jib length that need to use center hitch.
2.Tower jib rear pendants must be installed for boom sections; tower jib guide pulley must be installed for boom top section.
3.When the combination length of the main boom and tower jib exceeds 71m, a wedge block is recommended to be used to raise the boom (jib).

2.3 Boom raising table of tower jib working condition (HW) (counterweight combination 75t+21t)

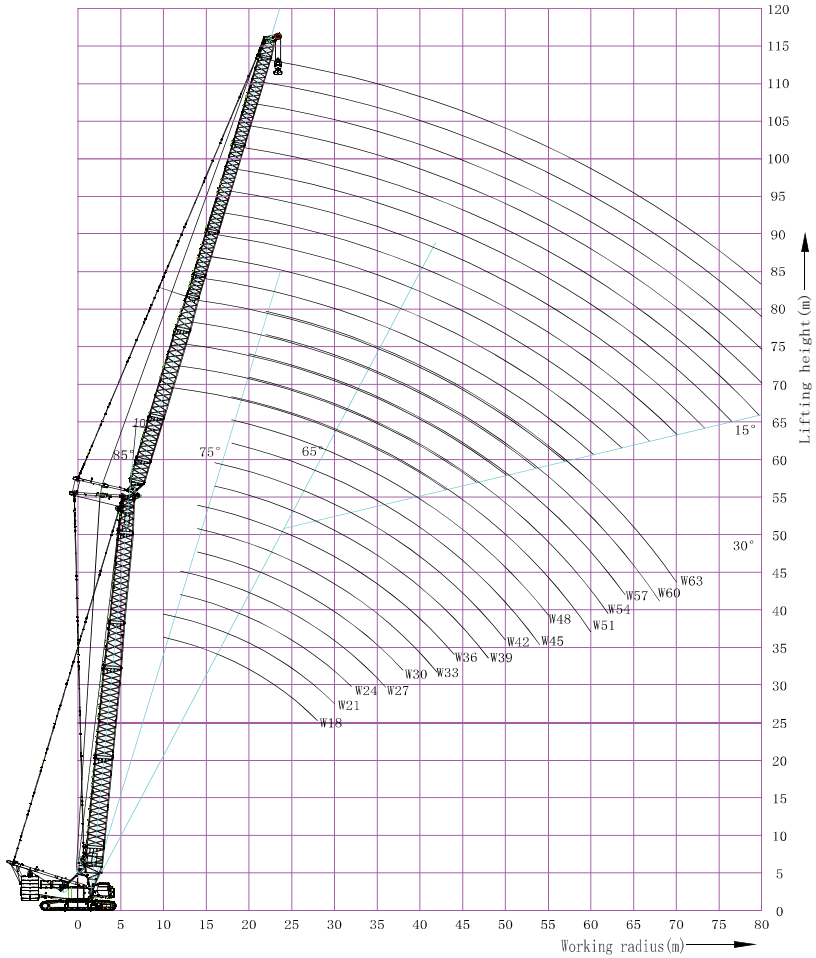
Main boom / Tower jib	HB20	HB23	HB26	HB29	HB32	HB35	HB38	HB41	HB44	HB47	HB50	HB53	HB56
W18	●	●	●	●	●	●	●	●	●	●	●	●	●
W21	●	●	●	●	●	●	●	●	●	●	●	●	●
W24	●	●	●	●	●	●	●	●	●	●	●	●	●
W27	●	●	●	●	●	●	●	●	●	●	●	●	●
W30	●	●	●	●	●	●	●	●	●	●	●	●	●
W33	●	●	●	●	●	●	●	●	●	●	●	●	●
W36	●	●	●	●	●	●	●	●	●	●	●	●	●
W39	●	●	●	●	●	●	●	●	●	●	●	●	●
W42	●	●	●	●	●	●	●	●	●	●	●	●	●
W45	●	●	●	●	●	●	●	●	●	●	●	●	×
W48	●	●	●	●	●	●	●	●	●	●	●	●	×
*W51	●	●	●	●	●	●	●	●	●	●	●	●	×
*W54	●	●	●	●	●	●	●	●	●	●	●	●	×
*W57	●	●	●	●	●	●	●	●	●	●	●	●	×
*W60	●	●	●	●	●	●	●	●	●	●	●	●	×
*W63	●	●	●	●	●	●	●	●	●	●	●	×	×

Notes:
1.When raising boom, place the drive roller of crawler tracks at the rear of the crane body.
2. "●" —means boom raising is allowable, "×" —means boom raising is not allowable, this working condition cannot be used.
3. "*" means tower jib length that need to use center hitch.
4.For the combinations which the length of boom plus the length of jib exceeds 71m, if it is available, a wedge block is recommended to be used to ensure the safety of boom (jib) raising and lowering.

2.4 Partial lifting performance of tower jib working condition (HW)

Notes:
1.The actual lifting weight is the remained weight after the weights of hook, slings and wire ropes reeved on hook and boom (jib) head are subtracted from the rated lifting load in table.
2.The rated loads in the table are the lifted values when the loads are lifted slowly and stably in non-travelling state on plane and solid ground with the gradient no more than 1%.
3.The load values given in the table are the load hanging freely without consideration of the influence of wind load to the lifted load, the ground condition, gradient, operation speed and nay other factors negatively impact on the safe operation of the crane. Thus, the operator is responsible for the current situation judgment, reducing the lifted load correspondingly and reducing the speed.
4.When tower jib length exceeds 48m, a center hitch must be used; When the combination length of the main boom and jib exceeds 71m, a wedge block is recommended to be used to raise the boom (jib).

2.4 Working radius of tower jib working condition (HW)



Working radius of tower jib working condition (HW)

TYPICAL WORKING CONDITIONS

A. Main boom working angle is 85°

Main boom 20m, Boom angle 85°																
Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
10	80	77.8														
12	72.7	75.5	70.6	75.5												
14	62.7	64.1	61.7	63.8	65.6	59.8	53.4									
16	49.6	51.4	52.5	52.9	53.2	50.4	45.4	42.9	39.1							
18	39.9	42.1	43.4	44	44.3	43.4	39.3	37.3	34.2	32.2	29.2	32.9				
20	31.7	34.9	36.5	37.2	37.6	37.9	34.5	32.8	30.1	28.4	25.8	29.4	31	28.9		
22		28.8	30.9	31.8	32.4	32.8	30.5	29.1	26.8	25.3	23	26.4	27.8	27.9	24.3	22.2
24		22.8	26.2	27.4	28.1	28.6	27.3	26	23.9	22.5	20.5	23.7	25	25.2	23.4	21.3
26			21.7	23.6	24.5	25.1	24.5	23.3	21.5	20.2	18.4	21.3	22.5	22.6	22.5	20.5
28				20.1	21.3	22.1	22.2	21.1	19.5	18.2	16.6	19.3	20.3	20.4	20.5	19.6
30				16.4	18.5	19.4	20.1	19.1	17.7	16.5	15	17.4	18.4	18.4	18.5	18.3
32					15.7	17.1	17.9	17.4	16.1	14.9	13.6	15.8	16.7	16.7	16.8	16.6
34						14.8	15.8	15.9	14.7	13.6	12.3	14.4	15.2	15.2	15.3	15
36							13.9	14.6	13.5	12.4	11.2	13.1	13.9	13.9	13.9	13.7
38							11.9	12.9	12.4	11.3	10.2	12	12.7	12.7	12.7	12.5
40								11.3	11.4	10.4	9.3	11	11.6	11.6	11.6	11.4
42									10.5	9.5	8.4	10	10.7	10.6	10.6	10.4
44									9.3	8.7	7.7	9.2	9.8	9.7	9.7	9.5
46										8	7	8.4	9	8.9	8.9	8.7
48												6.4	7.7	8.2	8.2	8.2
50												5.8	7	7.5	7.5	7.5
52													6.4	6.9	6.8	6.8
54														6.3	6.2	6.2
56														5.6	5.7	5.7
58															5.2	5.1
60																4.6
62																
64																
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	6	5	5	4	4	3	3	3	3	3	3	2	2

A. Main boom working angle is 85°

Main boom 26m, Boom angle 85°																
Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
10	80															
12	74.3	75.6	70.5													
14	66.1	66.6	63.6	63	60.9	59										
16	53	54.6	54.7	55.8	54.8	52	46.7	43.9	39.9							
18	42.6	44.6	45.8	46.3	46.6	44.6	40.3	38.2	34.9	32.8	29.8					
20	34.2	36.9	38.4	39	39.4	38.9	35.3	33.6	30.8	29	26.3	29.8	31	28.2		
22		30.6	32.5	33.4	33.8	34.2	31.2	29.8	27.3	25.8	23.4	26.8	28.2	27.3	23.8	21.8
24		24.8	27.6	28.7	29.3	29.8	27.9	26.6	24.4	23	20.9	24.1	25.4	25.5	23	21
26			23.2	24.8	25.6	26.1	25	23.8	22	20.6	18.8	21.7	22.8	23	22.2	20.3
28				21.2	22.3	23	22.7	21.5	19.9	18.6	16.9	19.6	20.6	20.7	20.8	19.6
30				17.7	19.4	20.3	20.6	19.5	18	16.8	15.3	17.8	18.7	18.7	18.8	18.6
32					16.7	17.9	18.6	17.8	16.4	15.2	13.8	16.1	17	17	17.1	16.8
34						15.6	16.5	16.2	15	13.9	12.5	14.7	15.5	15.5	15.5	15.3
36						13.2	14.6	14.9	13.7	12.6	11.4	13.4	14.1	14.1	14.1	13.9
38							12.6	13.6	12.6	11.5	10.4	12.2	12.9	12.9	12.9	12.7
40								11.9	11.6	10.6	9.4	11.2	11.8	11.8	11.8	11.6
42								10.2	10.7	9.7	8.6	10.2	10.8	10.8	10.8	10.6
44									9.8	8.9	7.8	9.3	9.9	9.9	9.9	9.6
46										8.1	7.1	8.5	9.1	9.1	9.1	8.8
48											6.5	7.8	8.4	8.3	8.3	8
50											5.9	7.1	7.7	7.6	7.6	7.3
52												6.5	7.1	7	6.9	6.6
54													6.5	6.4	6.3	6
56													5.9	5.8	5.8	5.5
58														5.3	5.2	4.9
60															4.8	4.4
62															4.3	4
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	5	5	5	4	4	3	3	3	3	3	3	2	2

TYPICAL WORKING CONDITIONS

A. Main boom working angle is 85°

Main boom 32m, Boom angle 85°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
12	74.7	72.4	70													
14	64.9	63.4	61.7	59.7	57.7											
16	56.5	56	54.8	53.4	51.8	50.3	47.9	44.8								
18	45.3	47.1	48.2	48	46.7	45.5	41.4	39	35.6	33.4	30.3					
20	36.5	39	40.3	40.9	41.2	39.9	36.2	34.3	31.4	29.5	26.8	30.1	30.1			
22	28.5	32.4	34.1	34.9	35.3	35.2	32	30.4	27.9	26.3	23.9	27.1	28.5	26.6	23.3	21.4
24		26.6	29	30	30.5	31.1	28.5	27.2	24.9	23.5	21.3	24.4	25.7	25.8	22.5	20.6
26			24.5	25.9	26.6	27.3	25.6	24.3	22.4	21	19.1	22	23.2	23.3	21.8	19.9
28			19.9	22.3	23.3	24	23.1	21.9	20.2	19	17.2	19.9	20.9	21	21.1	19.3
30				18.8	20.3	21.2	21	19.9	18.4	17.1	15.6	18.1	19	19	19.1	18.7
32					17.5	18.7	19.2	18.1	16.7	15.5	14.1	16.4	17.3	17.3	17.3	17.1
34					14.5	16.3	17.2	16.6	15.3	14.1	12.8	14.9	15.7	15.7	15.8	15.5
36						14	15.2	15.2	14	12.9	11.6	13.6	14.4	14.3	14.4	14.1
38							13.3	14	12.8	11.8	10.6	12.4	13.1	13.1	13.1	12.9
40								12.5	11.8	10.8	9.6	11.4	12	12	12	11.7
42								10.8	10.9	9.9	8.8	10.4	11	11	11	10.7
44									10	9.1	8	9.5	10.1	10.1	10.1	9.8
46										8.3	7.3	8.7	9.3	9.2	9.2	8.9
48										7.6	6.6	8	8.5	8.5	8.4	8.2
50											6.1	7.3	7.8	7.7	7.7	7.4
52												6.7	7.2	7.1	7.1	6.8
54												6.1	6.6	6.5	6.5	6.2
56													6.1	5.9	5.9	5.6
58														5.4	5.4	5
60														4.9	4.9	4.5
62															4.4	4.1
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

A. Main boom working angle is 85°

Main boom 38m, Boom angle 85°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
12	72.6	70.1														
14	63.1	61.4	59.7	57.7	55.6											
16	55.4	54.3	53.1	51.5	49.9	48.4	46.9									
18	46.8	47.7	47.5	46.3	45.1	43.8	42.4	39.8	36.2	33.8						
20	38.8	41	41.8	41.9	40.9	39.9	37	35	32	30	27.2	30.3				
22	30.8	34.1	35.7	36.6	36.9	36.1	32.7	31	28.4	26.7	24.2	27.4	27.9	25.7	22.6	
24		28.2	30.4	31.4	32	32.1	29.1	27.7	25.4	23.9	21.7	24.7	26	24.8	21.9	20.1
26			25.7	27.1	27.8	28.3	26.2	24.9	22.8	21.4	19.5	22.3	23.5	23.5	21.2	19.5
28			21.3	23.4	24.3	24.9	23.6	22.4	20.6	19.3	17.5	20.2	21.2	21.3	20.6	18.9
30				19.9	21.2	21.9	21.5	20.3	18.7	17.5	15.9	18.3	19.3	19.3	19.4	18.3
32					18.4	19.4	19.6	18.5	17	15.8	14.4	16.7	17.5	17.5	17.6	17.3
34					15.5	17	17.9	16.9	15.5	14.4	13	15.2	16	16	16	15.7
36						14.7	15.9	15.5	14.2	13.1	11.8	13.8	14.6	14.6	14.6	14.3
38							13.9	14.3	13.1	12	10.8	12.6	13.3	13.3	13.3	13.1
40							11.9	13	12	11	9.8	11.6	12.2	12.2	12.2	11.9
42								11.3	11.1	10.1	9	10.6	11.2	11.2	11.2	10.9
44									10.2	9.2	8.2	9.7	10.3	10.2	10.2	10
46									9.3	8.5	7.4	8.9	9.5	9.4	9.4	9.1
48										7.8	6.8	8.1	8.7	8.6	8.6	8.3
50											6.2	7.4	8	7.9	7.9	7.6
52												6.8	7.3	7.2	7.2	6.9
54												6.2	6.7	6.6	6.6	6.3
56													6.2	6	6	5.7
58														5.5	5.5	5.1
60														5	5	4.6
62															4.5	4.2
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	5	5	5	4	4	3	3	3	2	3	3	2	2	2

A. Main boom working angle is 85°

Main boom 44m, Boom angle 85°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
12	70.4															
14	61.4	59.6	57.8	55.6												
16	53.9	52.8	51.4	49.8	48.2	46.6	44.3									
18	45.6	46.4	46.1	44.9	43.5	42.3	41.1	38.7	36							
20	39	40	40.5	40.6	39.5	38.5	37.6	35.6	32.4	30.3	27.5	28.3				
22	33	34.7	35.5	35.7	35.7	35.3	33.4	31.6	28.9	27.1	24.5	26.8	25.2	23.5		
24		29.9	31.2	31.5	31.6	31.7	29.8	28.2	25.8	24.3	22	24.9	23.8	22.4	21	19.5
26		24	27.1	28	28.2	28.4	26.7	25.4	23.2	21.8	19.8	22.6	22.4	21.2	20	18.7
28			22.7	24.4	25.3	25.5	24.1	22.8	21	19.7	17.8	20.5	21	19.9	18.9	17.8
30				20.9	22.2	22.9	21.9	20.7	19	17.8	16.1	18.6	19.5	18.7	17.8	16.9
32				17.2	19.3	20.2	20	18.8	17.3	16.1	14.6	16.9	17.8	17.4	16.7	15.9
34					16.5	17.8	18.3	17.2	15.8	14.7	13.3	15.4	16.2	16.2	15.6	14.9
36						15.4	16.4	15.8	14.5	13.4	12.1	14.1	14.8	14.8	14.6	14
38							14.5	14.5	13.3	12.2	11	12.8	13.5	13.5	13.5	13.1
40							12.5	13.4	12.2	11.2	10	11.8	12.4	12.4	12.4	12.1
42								11.8	11.3	10.2	9.1	10.8	11.4	11.3	11.3	11.1
44									10.4	9.4	8.3	9.9	10.5	10.4	10.4	10.1
46									9.6	8.6	7.6	9	9.6	9.5	9.5	9.2
48										8	6.9	8.3	8.8	8.7	8.7	8.4
50											6.3	7.6	8.1	8	8	7.7
52											5.8	6.9	7.5	7.4	7.3	7
54												6.4	6.9	6.7	6.7	6.4
56													6.3	6.2	6.1	5.8
58													5.8	5.6	5.6	5.3
60														5.2	5.1	4.7
62															4.6	4.3
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	5	5	5	4	4	4	3	3	3	2	3	2	2	2	2

A. Main boom working angle is 85°

Main boom 50m, Boom angle 85°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
12	63.1															
14	57.1	54.7	52.3													
16	51.9	50	48.1	46.1	44	41.4										
18	44.7	45.3	43.8	42	40.1	38.2	36.3	34.2								
20	38.2	39.1	38.9	37.7	36.3	34.8	33.4	31.7	30.2	28.4	26.7					
22	32.8	34	34.4	33.6	32.6	31.5	30.5	29.2	28	26.6	24.8	23.9	22.6	21.2		
24		29.6	30.4	29.8	29.2	28.4	27.7	26.7	25.8	24.6	22.2	22.5	21.3	20.1	18.9	17.7
26		25.6	26.8	26.5	26	25.5	25	24.3	23.6	22.1	20	21	20	19	18	16.9
28			23.7	23.5	23.2	22.9	22.6	22.1	21.3	20	18.1	19.5	18.7	17.8	17	16
30				20.9	20.7	20.5	20.3	20	19.3	18.1	16.3	18	17.4	16.7	15.9	15.1
32				18.4	18.5	18.4	18.3	18.1	17.6	16.4	14.8	16.6	16.1	15.5	14.9	14.2
34					16.5	16.5	16.5	16.4	16.1	14.9	13.5	15.3	14.9	14.4	13.9	13.3
36						14.8	14.8	14.8	14.7	13.6	12.3	14.1	13.8	13.4	13	12.5
38						13.3	13.4	13.4	13.4	12.4	11.2	12.9	12.7	12.4	12	11.6
40							12.1	12.1	12.1	11.4	10.2	11.8	11.7	11.4	11.2	10.8
42								10.9	11	10.4	9.3	10.8	10.7	10.5	10.3	10
44								9.9	10	9.6	8.5	9.9	9.9	9.7	9.5	9.3
46									9.1	8.8	7.7	9.1	9.1	8.9	8.8	8.6
48										8.1	7.1	8.3	8.3	8.2	8.1	8
50										7.5	6.4	7.6	7.6	7.6	7.5	7.4
52											5.9	7	7	6.9	6.9	6.8
54												6.4	6.4	6.4	6.4	6.3
56													5.9	5.9	5.8	5.8
58													5.4	5.4	5.4	5.3
60														4.9	4.9	4.8
62															4.5	4.4
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	5	5	4	4	4	4	3	3	3	3	2	2	2	2	2	2

B. Main boom working angle is 75°

Main boom 20m，Boom angle 75°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	54	60	63
16	59.8															
18	51.4	51.2														
20	44.9	44.8	44.7	44.4												
22	39.8	39.7	39.6	39.3	39	38.8										
24	31.9	35	35.5	35.2	34.9	34.7	33.6									
26		29.2	31.2	31.8	31.6	31.4	29.8	28.4	26.1							
28			26.6	27.7	28.3	28.6	26.7	25.4	23.4	22						
30			22.2	24	24.8	25.3	24	22.8	21.1	19.8	18	20.9				
32				20.6	21.8	22.4	21.8	20.6	19.1	17.8	16.2	18.9	19.9	19.9		
34					19	19.9	19.8	18.7	17.3	16.1	14.7	17.1	18	18	18.2	
36					16.2	17.6	18.1	17.1	15.8	14.6	13.3	15.6	16.4	16.4	16.5	16.3
38						15.3	16.3	15.6	14.4	13.3	12	14.2	14.9	14.9	15	14.8
40							14.4	14.4	13.2	12.1	11	12.9	13.6	13.6	13.7	13.4
42							12.4	13.2	12.1	11.1	10	11.8	12.5	12.5	12.5	12.2
44								11.8	11.2	10.2	9.1	10.8	11.4	11.4	11.4	11.2
46									10.3	9.3	8.3	9.8	10.5	10.5	10.4	10.2
48									9.5	8.5	7.5	9	9.6	9.6	9.6	9.3
50										7.8	6.8	8.2	8.8	8.8	8.7	8.5
52											6.2	7.5	8.1	8.1	8	7.7
54												6.9	7.4	7.4	7.3	7
56												6.3	6.8	6.8	6.7	6.4
58													6.2	6.2	6.1	5.8
60															5.5	5.2
64															4.5	4.2
68																3.3
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	6	5	5	4	4	3	3	3	3	3	3	2	2

B. Main boom working angle is 75°

Main boom 26m，Boom angle 75°

Radius/m	Tower jib length/m																
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
18	50.4															
20	44.1	43.9	43.8													
22	39.1	38.9	38.8	38.5												
24	35	34.9	34.8	34.5	34.2	34										
26	30.4	31.6	31.5	31.2	30.9	30.7	30.6	30.3								
28		28.2	28.7	28.4	28.1	27.9	27.8	27.5	25.2							
30			25.9	26	25.7	25.6	25.5	24.6	22.7	21.3	19.4					
32			21.4	23.5	23.7	23.5	23.3	22.1	20.5	19.2	17.4	20.2				
34				20.1	21.4	21.7	21.2	20.1	18.5	17.3	15.7	18.3	19.2	19.3		
36					18.6	19.5	19.3	18.2	16.9	15.7	14.2	16.6	17.5	17.5	17.6	
38					15.7	17.2	17.7	16.7	15.4	14.2	12.9	15.1	15.9	15.9	16	15.7
40						15	16.1	15.3	14.1	13	11.7	13.8	14.5	14.5	14.5	14.3
42							14.2	14	12.9	11.8	10.7	12.6	13.3	13.2	13.3	13
44								13	11.9	10.8	9.7	11.5	12.1	12.1	12.1	11.9
46								11.6	10.9	9.9	8.8	10.5	11.1	11.1	11.1	10.8
48									10.1	9.1	8	9.6	10.2	10.1	10.1	9.9
50										8.3	7.3	8.8	9.4	9.3	9.3	9
52										7.7	6.7	8	8.6	8.5	8.5	8.2
54											6.1	7.3	7.9	7.8	7.8	7.5
56												6.7	7.2	7.1	7.1	6.8
58												6.1	6.6	6.5	6.5	6.2
60													6.1	6	5.9	5.6
62														5.4	5.4	5.1
64														5	4.9	4.6
66															4.4	4.1
68																3.6
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	5	5	5	4	4	3	3	3	3	3	3	2	2

TYPICAL WORKING CONDITIONS

A. Main boom working angle is 75°

Main boom 32m，Boom angle 75°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
20	43.1	42.9														
22	38.3	38.1	37.9													
24	34.3	34.1	34	33.7	33.3											
26	31	30.9	30.8	30.4	30.1	29.9										
28		28.1	28	27.7	27.4	27.2	27.1	26.8								
30		25.8	25.7	25.4	25.1	24.9	24.8	24.5	24.4							
32			23.7	23.4	23.1	22.9	22.8	22.6	21.9	20.6	18.7					
34				21.6	21.4	21.2	21.1	20.9	19.8	18.6	16.9	19.5	20.1			
36				19.4	19.8	19.6	19.5	19.3	18	16.8	15.2	17.7	18.6	18.3		
38					18.1	18.3	18.2	17.8	16.4	15.2	13.8	16.1	16.9	16.9	16.9	16.6
40						16.8	17	16.3	15	13.9	12.5	14.7	15.4	15.4	15.4	15.2
42						14.5	15.8	14.9	13.7	12.6	11.4	13.4	14.1	14.1	14.1	13.8
44							13.9	13.7	12.6	11.5	10.4	12.2	12.9	12.9	12.9	12.6
46								12.7	11.6	10.6	9.4	11.2	11.8	11.8	11.8	11.5
48								11.3	10.7	9.7	8.6	10.2	10.8	10.8	10.8	10.5
50									9.9	8.9	7.8	9.3	9.9	9.9	9.9	9.6
52										8.1	7.1	8.5	9.1	9	9	8.8
54										7.5	6.5	7.8	8.4	8.3	8.3	8
56											5.9	7.2	7.7	7.6	7.6	7.3
58												6.5	7.1	6.9	6.9	6.6
60													6.5	6.3	6.3	6
62													5.9	5.8	5.7	5.4
64														5.3	5.2	4.9
66															4.7	4.4
68															4.3	4
70																3.5
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

A. Main boom working angle is 75°

Main boom 38m，Boom angle 75°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
22	37.3	37.1														
24	33.4	33.2	33.1													
26	30.2	30	29.9	29.6	29.2											
28	27.5	27.4	27.3	26.9	26.6	26.4	26.2									
30		25.1	25	24.7	24.3	24.1	24	23.8								
32		22.4	23	22.7	22.4	22.2	22.1	21.8	21.8	21.5						
34			21	21	20.7	20.5	20.4	20.2	20.1	19.9	18					
36				19.3	19.2	19	18.9	18.7	18.7	18	16.3	18	18			
38				17.2	17.8	17.7	17.6	17.4	17.4	16.3	14.8	16.7	16.7	16.4	16.2	
40					16	16.5	16.4	16.2	16	14.8	13.4	15.5	15.5	15.2	15.1	14.8
42						14.9	15.3	15.2	14.6	13.5	12.2	14.2	14.5	14.2	14	13.8
44						13.3	14	14.2	13.4	12.3	11.1	13	13.6	13.3	13.1	12.9
46							12.6	13	12.3	11.2	10.1	11.9	12.5	12.4	12.3	12.1
48								11.8	11.3	10.3	9.2	10.9	11.5	11.4	11.4	11.1
50									10.5	9.4	8.4	9.9	10.5	10.5	10.4	10.2
52									9.7	8.7	7.6	9.1	9.7	9.6	9.6	9.3
54										8	6.9	8.3	8.9	8.8	8.8	8.5
56											6.3	7.6	8.2	8.1	8	7.7
58											5.8	7	7.5	7.4	7.3	7.1
60												6.4	6.9	6.8	6.7	6.4
62													6.3	6.2	6.1	5.8
64													5.8	5.6	5.6	5.3
66														5.2	5.1	4.7
68															4.6	4.3
70															4.2	3.8
72																3.4
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	5	5	5	4	4	3	3	3	2	3	3	2	2	2

B. Main boom working angle is 75°

Main boom 44m, Boom angle 75°																
Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
22	36.2															
24	32.5	32.2														
26	29.4	29.1	29	28.6												
28	26.8	26.6	26.4	26.1	25.7											
30	24.1	24.3	24.2	23.9	23.5	23.3	23.1									
32		22.2	22.3	22	21.6	21.4	21.3	21	21							
34			20.6	20.3	20	19.8	19.7	19.4	19.4	19.1						
36			18.3	18.8	18.6	18.4	18.2	18	17.9	17.7	17.4	17.2				
38				16.9	17.1	17.1	17	16.7	16.7	16.5	15.7	16	16			
40					15.5	15.8	15.8	15.6	15.6	15.3	14.3	14.9	14.9	14.5	14.4	
42					13.9	14.4	14.6	14.6	14.6	14.3	13	13.9	13.9	13.6	13.4	13.2
44						13	13.4	13.5	13.6	13.1	11.8	13	13	12.7	12.5	12.3
46							12.2	12.4	12.5	12	10.7	12.2	12.2	11.8	11.7	11.5
48							11	11.3	11.6	10.9	9.8	11.4	11.4	11.1	11	10.7
50								10.3	10.6	10	8.9	10.5	10.5	10.4	10.3	10.1
52									9.7	9.2	8.1	9.7	9.7	9.6	9.5	9.3
54									8.7	8.5	7.4	8.8	9	8.9	8.8	8.6
56										7.8	6.8	8.1	8.3	8.2	8.2	8
58											6.2	7.4	7.7	7.6	7.6	7.4
60											5.6	6.8	7.1	7	7	6.8
62												6.2	6.5	6.5	6.4	6.2
64													5.9	5.9	5.9	5.6
66														5.4	5.4	5.1
68														4.8	4.9	4.6
70															4.4	4.1
72																3.7
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	5	5	5	4	4	4	3	3	3	2	3	2	2	2	2

B. Main boom working angle is 75°

Main boom 50m, Boom angle 75°																
Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
24	31.4															
26	28.4	28.1	28													
28	25.9	25.6	25.5	25.1												
30	23.7	23.5	23.4	23	22.6	22.4										
32	20.9	21.7	21.5	21.2	20.8	20.6	20.4									
34		19.4	19.9	19.6	19.2	19	18.9	18.6	18.5							
36			18	18.2	17.8	17.6	17.5	17.2	17.2	16.9						
38			16	16.5	16.5	16.4	16.3	16	16	15.7	15.6	15.2				
40				14.8	15	15.1	15.2	14.9	14.9	14.6	14.5	14.2	14.1	13.8		
42					13.6	13.8	14	14	13.9	13.7	13.5	13.2	13.2	12.9	12.7	
44					12.1	12.6	12.8	12.8	12.9	12.8	12.5	12.3	12.3	12	11.8	11.6
46						11.3	11.7	11.8	11.9	11.8	11.4	11.5	11.5	11.2	11.1	10.8
48							10.6	10.8	10.9	10.9	10.4	10.6	10.6	10.4	10.3	10.1
50							9.5	9.9	10.1	10	9.5	9.8	9.8	9.6	9.5	9.3
52								8.9	9.2	9.2	8.7	9.1	9.1	8.9	8.8	8.6
54									8.4	8.5	7.9	8.4	8.4	8.2	8.1	7.9
56										7.7	7.2	7.7	7.7	7.6	7.5	7.3
58										7	6.6	7.1	7.1	7	6.9	6.8
60											6	6.5	6.6	6.5	6.4	6.2
62												5.9	6	5.9	5.9	5.7
64												5.3	5.5	5.4	5.4	5.3
66													4.9	4.9	4.9	4.8
68														4.5	4.5	4.4
70														3.9	4	4
72															3.6	3.6
76																2.7
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	5	5	4	4	4	4	3	3	3	3	2	2	2	2	2	2

C.Main boom working angle is 65°

Main boom 20m, Boom angle 65°																
Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
22	38.1															
24	34.1	33.9														
26	30.8	30.7	30.6													
28	28.1	28	27.9	27.6												
30		25.6	25.6	25.3	24.9											
32			23.6	23.3	23	22.8	22.6									
34				21.5	21.2	21	20.9	20.7								
36				20	19.7	19.5	19.4	19.2	18.5							
38					18.3	18.2	18.1	17.9	16.8	15.6						
40						17	16.9	16.6	15.3	14.2	12.9					
42						15.5	15.8	15.2	14	12.9	11.7	13.7				
44							14.7	14	12.9	11.8	10.6	12.5	13.3	13.3		
46								12.9	11.8	10.8	9.7	11.5	12.1	12.1	12.1	
48								11.9	10.9	9.9	8.8	10.5	11.1	11.1	11.1	10.9
50									10	9	8	9.6	10.2	10.1	10.2	9.9
52										8.3	7.3	8.7	9.3	9.3	9.3	9
54										7.6	6.6	8	8.6	8.5	8.5	8.2
56											6.1	7.3	7.9	7.8	7.8	7.5
58												6.7	7.2	7.1	7.1	6.8
60												6.1	6.6	6.5	6.5	6.2
62													6.1	5.9	5.9	5.6
64														5.4	5.4	5.1
66															4.9	4.6
68															4.4	4.1
70																3.6
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	6	5	5	4	4	3	3	3	3	3	3	2	2

C.Main boom working angle is 65°

Main boom 26m, Boom angle 65°																
Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
26	29.8	29.6														
28	27.1	26.9	26.8													
30	24.8	24.7	24.6	24.2												
32		22.7	22.7	22.3	22											
34			21	20.7	20.3	20.1										
36			19.5	19.2	18.9	18.7	18.5									
38				17.9	17.6	17.4	17.3	17	17							
40					16.4	16.2	16.1	15.9	15.8	15.6						
42					15.3	15.2	15.1	14.9	14.8	14.5	13.1					
44						14.2	14.1	13.9	13.9	13.2	11.9	13.2				
46							13.3	13.1	13.1	12	10.8	12.4	12.4			
48							12.5	12.3	12	11	9.8	11.6	11.7	11.3		
50								11.6	11.1	10.1	9	10.6	11	10.7	10.5	10.3
52									10.2	9.2	8.2	9.7	10.3	10	9.9	9.7
54										8.5	7.4	8.9	9.5	9.4	9.3	9.1
56										7.8	6.8	8.1	8.7	8.6	8.6	8.4
58											6.2	7.4	8	7.9	7.9	7.6
60												6.8	7.3	7.2	7.2	6.9
62												6.2	6.7	6.6	6.6	6.3
64													6.2	6	6	5.7
66														5.5	5.5	5.1
68														5	5	4.6
70															4.5	4.2
72																3.7
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	5	5	5	4	4	3	3	3	3	3	3	2	2

C.Main boom working angle is 65°

Main boom 32m，Boom angle 65°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
28	26															
30	23.8	23.6														
32	21.9	21.8	21.6	21.3												
34		20.1	20	19.7	19.3											
36		18.7	18.6	18.3	17.9	17.7										
38			17.3	17	16.7	16.5	16.3									
40				15.9	15.6	15.4	15.2	15								
42					14.6	14.4	14.2	14	14							
44					13.7	13.5	13.4	13.1	13.1	12.8	12.7					
46						12.6	12.5	12.3	12.3	12.1	11.9	11.6				
48							11.8	11.6	11.6	11.3	11	10.9	10.9			
50							11.1	10.9	10.9	10.7	10	10.2	10.2	9.9		
52								10.3	10.3	10.1	9.1	9.6	9.6	9.3	9.1	
54									9.7	9.4	8.3	9	9	8.7	8.6	8.3
56									9.1	8.6	7.6	8.5	8.5	8.2	8.1	7.8
58										7.9	6.9	8	8.1	7.7	7.6	7.4
60											6.3	7.6	7.6	7.3	7.2	6.9
62											5.7	6.9	7.2	6.9	6.7	6.5
64												6.3	6.8	6.5	6.4	6.1
66													6.3	6.1	6	5.8
68													5.8	5.6	5.5	5.2
70														5.1	5	4.7
72															4.6	4.2
76																3.4
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	6	5	5	4	4	4	3	3	3	3	3	2	2	2

C.Main boom working angle is 65°

Main boom 38m，Boom angle 65°

Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
30	22.7															
32	20.9	20.6														
34	19.3	19.1	19													
36		17.7	17.6	17.3												
38		16.5	16.4	16.1	15.7	15.4										
40			15.3	15	14.6	14.4	14.3									
42				14	13.7	13.5	13.3	13.1								
44				13.1	12.8	12.6	12.5	12.2	12.2							
46					12	11.8	11.7	11.5	11.4	11.2						
48						11.1	11	10.8	10.7	10.5	10.3					
50						10.5	10.4	10.1	10.1	9.9	9.7	9.4	9.4			
52							9.8	9.6	9.5	9.3	9.1	8.8	8.8	8.5		
54								9	9	8.7	8.6	8.3	8.3	8	7.8	
56								8.5	8.5	8.3	8.1	7.8	7.8	7.5	7.3	7.1
58									8	7.8	7.7	7.3	7.3	7	6.9	6.6
60										7.4	7	6.9	6.9	6.6	6.4	6.2
62											6.4	6.5	6.5	6.2	6.1	5.8
64											5.8	6.2	6.2	5.9	5.7	5.5
66												5.8	5.8	5.5	5.4	5.1
68													5.5	5.2	5	4.8
70													5	4.9	4.7	4.5
72														4.6	4.4	4.2
76															3.7	3.7
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	6	5	5	5	4	4	3	3	3	2	3	3	2	2	2

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C.Main boom working angle is 65°

Main boom 44m, Boom angle 65°																
Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
32	19.7															
34	18.2	17.9														
36	16.9	16.7	16.5													
38	15.7	15.5	15.4	15												
40		14.5	14.4	14	13.6											
42			13.4	13.1	12.7	12.5	12.3									
44			12.6	12.3	11.9	11.7	11.5	11.3								
46				11.5	11.2	10.9	10.8	10.6	10.5							
48					10.5	10.3	10.2	9.9	9.8	9.6						
50						9.7	9.5	9.3	9.2	9	8.8					
52						9.1	9	8.8	8.7	8.5	8.3	8				
54							8.5	8.2	8.2	8	7.8	7.5	7.4			
56								7.8	7.7	7.5	7.3	7	7	6.7	6.5	
58								7.3	7.3	7.1	6.9	6.6	6.6	6.2	6.1	5.8
60									6.9	6.7	6.5	6.2	6.2	5.9	5.7	5.4
62										6.3	6.1	5.8	5.8	5.5	5.3	5.1
64										5.9	5.8	5.5	5.5	5.2	5	4.7
66											5.4	5.1	5.1	4.8	4.7	4.4
68												4.8	4.8	4.5	4.4	4.1
70												4.3	4.5	4.2	4.1	3.9
72													4	4	3.8	3.6
76															3.2	3.1
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	6	5	5	5	4	4	4	3	3	3	2	3	2	2	2	2

C.Main boom working angle is 65°

Main boom 50m, Boom angle 65°																
Radius/m	Tower jib length/m															
	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
36	15.7	15.5														
38	14.7	14.4	14.2													
40	13.7	13.4	13.3	12.9												
42		12.6	12.4	12.1	11.7											
44			11.7	11.3	10.9	10.6										
46			10.9	10.6	10.2	10	9.8									
48				10	9.6	9.4	9.2	8.9	8.9							
50					9	8.8	8.6	8.4	8.3	8						
52					8.5	8.3	8.1	7.9	7.8	7.5	7.4					
54						7.8	7.6	7.4	7.3	7.1	6.9	6.6				
56							7.2	7	6.9	6.7	6.5	6.2	6.1			
58							6.8	6.5	6.5	6.3	6.1	5.8	5.7	5.4		
60								6.2	6.1	5.9	5.7	5.4	5.4	5	4.9	
62									5.8	5.5	5.4	5.1	5	4.7	4.5	4.3
64									5.2	5.2	5.1	4.7	4.7	4.4	4.2	4
66										4.8	4.7	4.4	4.4	4.1	3.9	3.7
68											4.4	4.1	4.1	3.8	3.7	3.4
70												3.8	3.8	3.6	3.4	3.2
72												3.3	3.4	3.3	3.2	2.9
76														2.6	2.5	
Counterweight	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21	75+21
Parts of line	5	5	4	4	4	4	3	3	3	3	2	2	2	2	2	2

2.Fixed jib working condition

2.1 Combinations of main boom section under fixed jib working condition

Name and qty. / Main boom length	Boom Butt 6m	Insert section 3mA	Insert section 6mA	Insert section 12mA	Boom transition section 6m	Insert section 3mB	Insert section 6mB	Insert section 12mB	Boom top 5m
HB17	1	0	0	0	1	0	0	0	1
HB20	1	1	0	0	1	0	0	0	1
HB23	1	0	1	0	1	0	0	0	1
HB26	1	1	1	0	1	0	0	0	1
HB29	1	0	0	1	1	0	0	0	1
HB32	1	1	0	1	1	0	0	0	1
HB35	1	0	1	1	1	0	0	0	1
HB38	1	1	1	1	1	0	0	0	1
HB41	1	0	0	2	1	0	0	0	1
HB44	1	1	0	2	1	0	0	0	1
HB47	1	0	1	2	1	0	0	0	1
HB50	1	1	1	2	1	0	0	0	1
HB53	1	0	0	2	1	0	0	1	1
HB56	1	1	0	2	1	0	0	1	1
HB59	1	0	1	2	1	0	0	1	1
HB62	1	1	1	2	1	0	0	1	1
HB65	1	1	1	2	1	1	0	1	1

2.1 Combinations of jib section under fixed jib working condition

Name and qty. / Jib length	Tower jib butt 1.5m	Insert section 3mB	Insert section 6mB	Insert section 12mB	Tower jib transition section 4.5m	Insert section 3mC	Insert section 6mC	Insert section 12mC	Tower jib top section 3m
F9	1	0	0	0	1	0	0	0	1
F12	1	1	0	0	1	0	0	0	1
F15	1	1	0	0	1	1	0	0	1
F18	1	1	1	0	1	0	0	0	1
F21	1	1	1	0	1	1	0	0	1
F24	1	1	1	0	1	0	1	0	1
F27	1	1	0	1	1	1	0	0	1
F30	1	1	1	1	1	0	0	0	1

Notes:
1.Tower jib rear pendants must be installed for boom sections; tower jib guide pulley must be installed for boom top section.
2. When the combination length of the main boom and tower jib exceeds 71m, a wedge block is recommended to be used to raise the boom (jib).

2.2 Boom raising table of fixed jib working condition (HF) （counterweight combination 75t+21t）

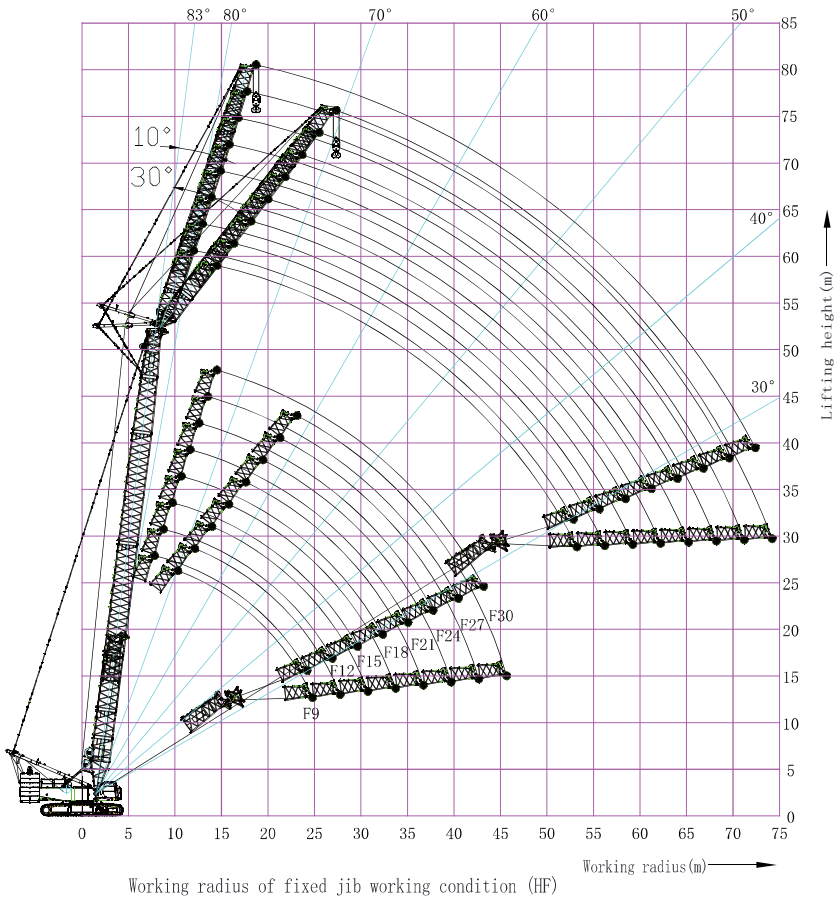
Main boom Tower jib	HB17	HB20	HB23	HB26	HB29	HB32	HB35	HB38	HB41	HB44	HB47	HB50	HB53	HB56	HB59	HB62	HB65
F9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
F12	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	×
F15	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	×
F18	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	×	×
F21	●	●	●	●	●	●	●	●	●	●	●	●	●	●	×	×	×
F24	●	●	●	●	●	●	●	●	●	●	●	●	●	●	×	×	×
F27	●	●	●	●	●	●	●	●	●	●	●	●	●	×	×	×	×
F30	●	●	●	●	●	●	●	●	●	●	●	●	×	×	×	×	×

Notes:
1. When raising boom, place the drive roller of crawler tracks at the rear of the crane body.
2. “●” —means boom raising is allowable, “×” —means boom raising is not allowable, this working condition cannot be used.
3. Tower jib rear pendants must be installed for boom sections; tower jib guide pulley must be installed for boom top section.
3. For the combinations which the length of boom plus the length of jib exceeds 71m, if it is available, a wedge block is recommended to be used to ensure the safety of boom (jib) raising and lowering.

3.5 Partial lifting performance of fixed jib working condition (HF)

Notes:
1.The actual lifting weight is the remained weight after the weights of hook, slings and wire ropes reeved on hook and boom (jib) head are subtracted from the rated lifting load in table.
2.The rated loads in the table are the lifted values when the loads are lifted slowly and stably in non-travelling state on plane and solid ground with the gradient no more than 1%.
3.The load values given in the table are the load hanging freely without consideration of the influence of wind load to the lifted load, the ground condition, gradient, operation speed and nay other factors negatively impact on the safe operation of the crane. Thus, the operator is responsible for the current situation judgment, reducing the lifted load correspondingly and reducing the speed.
4.When the combination length of the main boom and jib exceeds 71m, a wedge block is recommended to be used to raise the boom (jib).

3.4 Working radius of fixed jib working condition (HF)



Working radius of fixed jib working condition (HF)

A.Off-set angle of main boom and jib is 10°

10° off-set angle,Main boom 17m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
7	75							
8	69.8	60.4						
9	65.3	56.2	49.2					
10	61.1	52.5	46	41.2				
12	52.3	46.4	40.5	36.2	33.4	31.4	29.8	
14	45.7	41.6	36.2	32.3	29.7	27.9	26.4	24.4
16	40.6	37.6	32.6	29	26.7	25	23.6	21.8
18	36.5	34.1	29.7	26.4	24.1	22.6	21.2	19.7
20	33.2	30.8	27.3	24.1	22	20.6	19.3	17.8
22	30.5	28.1	25.2	22.2	20.2	18.9	17.6	16.3
24	28.3	25.9	23.4	20.6	18.7	17.4	16.2	14.9
26		24	21.9	19.2	17.4	16.1	14.9	13.7
28		22.4	20.3	17.9	16.2	15	13.8	12.7
30			18.9	16.8	15.1	14	12.8	11.8
32				15.9	14.2	13.1	12	10.9
34				15.1	13.4	12.3	11.2	10.2
36					12.7	11.6	10.5	9.5
38						11	9.9	8.9
40							9.3	8.4
42							8.8	7.9
44								7.4

A.Off-set angle of main boom and jib is 10°

10° off-set angle,Main boom 23m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
8	51.2	43.7						
9	48.7	41.3	35.5					
10	46.4	39.1	33.6	29.5				
12	42.4	35.4	30.2	26.5	24.1	22.4		
14	38.9	32.3	27.5	24	21.8	20.2	18.9	17.2
16	36	29.6	25.1	21.9	19.8	18.3	17.1	15.5
18	33.5	27.3	23.1	20.1	18.1	16.7	15.5	14.1
20	31.4	25.4	21.4	18.5	16.6	15.3	14.2	12.8
22	29.5	23.7	19.9	17.2	15.4	14.1	13	11.7
24	27.9	22.2	18.6	16	14.3	13.1	12	10.8
26	26.6	20.9	17.4	14.9	13.3	12.1	11.1	9.9
28	25.4	19.8	16.4	14	12.4	11.3	10.3	9.2
30	23.5	18.9	15.5	13.2	11.7	10.6	9.6	8.5
32		18	14.7	12.5	11	9.9	8.9	7.9
34			14.1	11.8	10.3	9.3	8.3	7.4
36			13.4	11.2	9.7	8.8	7.8	6.9
38				10.6	9.2	8.2	7.2	6.4
40					8.7	7.7	6.8	5.9
42					8.2	7.3	6.3	5.5
44						6.9	5.9	5.1
46							5.6	4.8
48								4.4
50								4.2

TYPICAL WORKING CONDITIONS

A.Off-set angle of main boom and jib is 10°

10° off-set angle,Main boom 29m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
8	62.4							
9	60.2	50.8						
10	58.2	48.8	41.5					
12	54.5	45.3	38.3	33.3	30	27.8		
14	51.3	42.3	35.7	30.9	27.8	25.6	23.9	21.6
16	48.6	39.7	33.3	28.8	25.8	23.8	22.1	19.9
18	46	37.3	31.2	26.9	24.1	22.1	20.5	18.5
20	43	35	29.2	25.1	22.5	20.6	19.1	17.2
22	37.5	33	27.4	23.6	21	19.2	17.7	16
24	33	31.2	25.9	22.2	19.7	18	16.6	14.9
26	29.3	29.5	24.5	20.9	18.6	16.9	15.5	13.9
28	26.2	26.4	23.2	19.8	17.5	15.9	14.5	13.1
30	23.5	23.7	22.1	18.8	16.6	15	13.7	12.3
32	21.2	21.4	21.1	17.8	15.7	14.2	12.9	11.5
34	19.1	19.4	19.7	17	14.9	13.5	12.2	10.9
36		17.6	17.9	16.2	14.2	12.8	11.5	10.3
38		15.9	16.3	15.6	13.6	12.2	10.9	9.7
40			14.9	14.9	13	11.6	10.4	9.2
42				13.7	12.4	11.1	9.9	8.7
44				12.5	12	10.6	9.4	8.3
46					11.5	10.2	9	7.9
48						9.8	8.5	7.5
50						9.4	8.1	7.1
52							7.8	6.7
54								6.4

A.Off-set angle of main boom and jib is 10°

10° off-set angle,Main boom 35m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
9	68.2							
10	66.5	55.7	47					
12	63.3	52.6	44.2	38.2	34.3			
14	60.1	49.8	41.7	36	32.2	29.6	27.6	
16	55.2	45.8	38.8	33.9	30.4	27.8	25.8	23.2
18	49.8	42.2	35.8	31.2	28.1	25.8	23.9	21.7
20	42.8	39.2	33.2	29	26	23.8	22	20
22	37.2	36.5	31	27	24.2	22.2	20.4	18.6
24	32.7	32.9	29	25.2	22.6	20.7	19	17.3
26	29	29.2	27.3	23.7	21.2	19.4	17.8	16.1
28	25.9	26.1	25.7	22.3	19.9	18.2	16.7	15.1
30	23.3	23.4	23.7	21.1	18.8	17.2	15.7	14.2
32	21	21.1	21.4	20	17.8	16.2	14.8	13.3
34	19	19.1	19.4	19	16.9	15.4	14	12.6
36	17.2	17.3	17.6	17.7	16.1	14.6	13.2	11.9
38	15.6	15.7	16	16.1	15.3	13.9	12.6	11.3
40	14.1	14.3	14.6	14.7	14.6	13.2	11.9	10.7
42		13	13.3	13.4	13.6	12.6	11.4	10.2
44			12.1	12.2	12.4	12.1	10.8	9.7
46			11.1	11.2	11.4	11.6	10.3	9.2
48				10.2	10.4	10.6	9.9	8.8
50					9.5	9.7	9.5	8.4
52					8.6	8.9	8.9	8
54						8.1	8.1	7.7
56							7.4	7.4
58							6.7	6.7
60								6.1

A.Off-set angle of main boom and jib is 10°

10° off-set angle,Main boom 41m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
9	73.7							
10	71.1	59.4						
12	64.8	53.9	45.5	39.6				
14	59.4	49.4	41.7	36.3	32.6	29.9	27.8	
16	54.9	45.5	38.5	33.5	30	27.5	25.5	23.1
18	49.5	42.2	35.7	31	27.8	25.4	23.5	21.3
20	42.5	39.3	33.2	28.9	25.8	23.6	21.8	19.7
22	36.9	36.8	31.1	27	24.1	22.1	20.3	18.4
24	32.4	32.6	29.2	25.3	22.6	20.7	19	17.1
26	28.7	28.9	27.5	23.9	21.3	19.4	17.8	16
28	25.6	25.7	26	22.5	20.1	18.3	16.7	15.1
30	23	23.1	23.4	21.3	19	17.3	15.8	14.2
32	20.7	20.8	21	20.3	18	16.4	14.9	13.4
34	18.7	18.7	19	19.1	17.1	15.5	14.1	12.6
36	16.9	17	17.3	17.3	16.3	14.8	13.4	12
38	15.3	15.4	15.7	15.7	15.6	14.1	12.7	11.4
40	13.9	14	14.3	14.3	14.5	13.4	12.1	10.8
42	12.6	12.7	13	13	13.2	12.8	11.5	10.3
44	11.5	11.6	11.8	11.9	12	12.2	11	9.8
46	10.4	10.5	10.8	10.8	11	11.2	10.5	9.3
48		9.5	9.8	9.8	10	10.2	10.1	8.9
50			8.9	8.9	9.1	9.3	9.3	8.5
52			8.1	8.1	8.3	8.5	8.5	8.2
54				7.3	7.5	7.7	7.7	7.7
56					6.8	7	7	7
58						6.4	6.3	6.3
60						5.7	5.7	5.7
62							5.1	5.1
64								4.5
66								4

A.Off-set angle of main boom and jib is 10°

10° off-set angle,Main boom 47m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
10	69.2							
12	63.5	53	44.7	38.8				
14	58.7	48.8	41.2	35.8	32	29.3		
16	54.5	45.3	38.2	33.1	29.6	27.1	25.1	22.6
18	49.2	42.1	35.6	30.9	27.6	25.2	23.3	21
20	42.1	39.4	33.3	28.8	25.7	23.5	21.7	19.5
22	36.6	36.7	31.2	27.1	24.1	22	20.2	18.2
24	32.1	32.2	29.4	25.5	22.7	20.7	19	17.1
26	28.4	28.5	27.8	24	21.4	19.5	17.8	16
28	25.3	25.4	25.7	22.8	20.2	18.4	16.8	15.1
30	22.6	22.7	23	21.6	19.2	17.4	15.9	14.2
32	20.3	20.4	20.7	20.6	18.2	16.5	15	13.5
34	18.3	18.4	18.6	18.7	17.4	15.7	14.3	12.8
36	16.5	16.6	16.9	16.9	16.6	15	13.5	12.1
38	15	15	15.3	15.3	15.5	14.3	12.9	11.5
40	13.6	13.6	13.9	13.9	14	13.7	12.3	10.9
42	12.3	12.4	12.6	12.6	12.8	13	11.7	10.4
44	11.2	11.2	11.4	11.5	11.6	11.8	11.2	10
46	10.1	10.2	10.4	10.4	10.5	10.7	10.7	9.5
48	9.2	9.2	9.4	9.4	9.6	9.8	9.7	9.1
50	8.3	8.3	8.5	8.6	8.7	8.9	8.8	8.7
52		7.5	7.7	7.7	7.9	8.1	8	8
54		6.7	7	7	7.1	7.3	7.3	7.2
56			6.3	6.3	6.4	6.6	6.6	6.5
58				5.6	5.7	6	5.9	5.9
60				5	5.1	5.3	5.3	5.2
62					4.5	4.8	4.7	4.7
64						4.2	4.2	4.1
66							3.7	3.6
68							3.2	3.1
70								2.7

A.Off-set angle of main boom and jib is 10°

10° off-set angle,Main boom 53m							
Radius/m	Jib length/m						
	9	12	15	18	21	24	27
10	53.6						
12	51.5	45.2	39.9				
14	49.4	43.3	37.7	33.1	30		
16	47.6	41.3	35.7	31.3	28.3	25.8	23.8
18	45.9	39.4	33.9	29.7	26.5	24.1	22.2
20	42	37.6	32.2	27.9	24.8	22.6	20.8
22	36.5	35.9	30.4	26.3	23.4	21.3	19.5
24	32	32.1	28.7	24.8	22.1	20.1	18.4
26	28.2	28.3	27.2	23.5	20.9	19	17.3
28	25.1	25.2	25.5	22.3	19.8	18	16.4
30	22.5	22.5	22.8	21.3	18.8	17.1	15.5
32	20.2	20.2	20.5	20.3	17.9	16.3	14.7
34	18.2	18.2	18.4	18.5	17.1	15.5	14
36	16.4	16.4	16.7	16.7	16.4	14.8	13.3
38	14.8	14.9	15.1	15.1	15.2	14.1	12.7
40	13.4	13.4	13.7	13.7	13.8	13.5	12.2
42	12.2	12.2	12.4	12.4	12.5	12.7	11.6
44	11	11	11.2	11.2	11.4	11.5	11.1
46	10	10	10.2	10.2	10.3	10.5	10.4
48	9.1	9.1	9.3	9.2	9.3	9.5	9.5
50	8.2	8.2	8.4	8.4	8.5	8.6	8.6
52	7.4	7.4	7.6	7.5	7.6	7.8	7.8
54	6.6	6.6	6.8	6.8	6.9	7.1	7
56	5.9	5.9	6.1	6.1	6.2	6.4	6.3
58		5.3	5.5	5.4	5.5	5.7	5.6
60			4.8	4.8	4.9	5.1	5
62			4.3	4.2	4.4	4.5	4.5
64				3.7	3.8	4	3.9
66					3.3	3.5	3.4
68					2.8	3	2.9
70						2.5	2.5
72							2

A.Off-set angle of main boom and jib is 10°

10° off-set angle,Main boom 59m					Main boom 65m
Radius/m	Jib length/m				Jib length/m
	9	9	15	18	9
12	48.4	42.7			44.4
14	46.8	41.1	36.2	32.4	43
16	45.1	39.5	34.8	31.1	41.6
18	43.6	38.1	33.5	29.4	40.4
20	40.9	36.8	32.1	27.7	39.2
22	36.1	35.5	30.3	26.2	35.1
24	31.6	31.7	28.8	24.8	31.2
26	27.9	28	27.4	23.6	27.5
28	24.7	24.8	25.1	22.5	24.3
30	22.1	22.1	22.4	21.4	21.7
32	19.8	19.8	20.1	20.1	19.3
34	17.8	17.8	18	18.1	17.3
36	16	16	16.2	16.3	15.6
38	14.4	14.4	14.7	14.7	14
40	13	13	13.2	13.2	12.6
42	11.8	11.8	12	12	11.4
44	10.7	10.6	10.8	10.8	10.2
46	9.6	9.6	9.8	9.8	9.2
48	8.7	8.6	8.8	8.8	8.2
50	7.8	7.8	8	7.9	7.4
52	7	7	7.2	7.1	6.6
54	6.3	6.2	6.4	6.4	5.8
56	5.6	5.5	5.7	5.7	5.2
58	4.9	4.9	5.1	5	4.5
60	4.3	4.3	4.5	4.4	3.9
62		3.7	3.9	3.8	3.4
64		3.2	3.4	3.3	2.8
66			2.9	2.8	2.3
68				2.3	

B.Off-set angle between main boom and jib is 30

30° off-set angle,Main boom 17m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
10	37.6							
12	33.9	31.1						
14	31	28.1	25.6					
16	28.6	25.8	23.3	21.3				
18	26.7	23.8	21.4	19.5	18.3	16.9		
20	25.1	22.2	19.8	18	16.9	15.8	14.5	
22	23.8	20.8	18.5	16.7	15.6	14.8	13.6	12.3
24	23	19.7	17.3	15.6	14.4	13.8	12.7	11.5
26		18.8	16.4	14.6	13.5	12.8	11.9	10.8
28			15.6	13.7	12.6	11.9	11.2	10.2
30			15	13	11.9	11.2	10.4	9.5
32				12.4	11.2	10.5	9.7	8.8
34					10.7	9.9	9.1	8.2
36						9.4	8.6	7.7
38						9	8.1	7.2
40							7.7	6.8
42								6.4
44								6.1

B.Off-set angle between main boom and jib is 30

30° off-set angle,Main boom 23m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
10	30.6							
12	29	23.4						
14	27.6	22.1	18.4					
16	26.4	21	17.4	14.9				
18	25.3	19.9	16.5	14.1	12.4			
20	24.3	19	15.7	13.3	11.7	10.6		
22	23.5	18.2	15	12.6	11.1	10	8.9	7.9
24	22.9	17.5	14.3	12	10.5	9.4	8.4	7.4
26	22.3	16.9	13.7	11.5	10	8.9	7.9	7
28	22	16.4	13.2	11	9.5	8.5	7.5	6.5
30		16.1	12.8	10.5	9.1	8.1	7.1	6.2
32			12.4	10.2	8.7	7.7	6.7	5.8
34			12.2	9.8	8.4	7.4	6.4	5.5
36				9.6	8.1	7.1	6.1	5.2
38					7.8	6.8	5.8	4.9
40					7.6	6.5	5.5	4.7
42						6.3	5.3	4.4
44							5.1	4.2
46							5	4.1
48								3.9

B.Off-set angle between main boom and jib is 30

30° off-set angle,Main boom 29m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
8	35.7	28.5						
9	34.7	27.5	22.6					
10	32.6	26.6	21.8	18.5				
12	30.8	25.6	21	17.8	15.5			
14	29.2	24.7	20.2	17.1	15	13.4		
16	27.8	23.9	19.5	16.4	14.3	12.9	11.5	
18	26.6	23	18.8	15.8	13.8	12.3	11	9.7
20	25.5	21.9	18.2	15.2	13.2	11.8	10.6	9.3
22	24.6	21	17.6	14.7	12.7	11.4	10.1	8.9
24	23.7	20.2	17.1	14.2	12.3	10.9	9.7	8.5
26	21.3	19.5	16.6	13.8	11.9	10.5	9.3	8.1
28		18.9	16	13.4	11.5	10.1	8.9	7.8
30		17.7	15.5	13	11.1	9.8	8.6	7.5
32			15.1	12.7	10.8	9.5	8.3	7.2
34				12.5	10.5	9.2	8	6.9
36				12.1	10.3	8.9	7.7	6.6
38					10.1	8.7	7.5	6.4
40						8.5	7.3	6.2
42						8.4	7.1	6
44							6.9	5.8
46								5.6
48								5.5
50								
52								
54								

B.Off-set angle between main boom and jib is 30

30° off-set angle,Main boom 35m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
12	38.4							
14	36.1	31.3						
16	34	29.9	24.9					
18	32.3	28.2	24.3	20.4	17.8			
20	30.7	26.7	23.2	19.9	17.3	15.4		
22	29.3	25.4	22	19.4	16.8	15	13.4	
24	28.1	24.2	20.9	18.4	16.4	14.6	13	11.4
26	27	23.2	19.9	17.5	15.8	14.2	12.6	11.1
28	26.1	22.3	19.1	16.7	15	13.8	12.3	10.8
30	23.6	21.4	18.3	15.9	14.3	13.3	11.9	10.4
32	21.2	20.7	17.6	15.3	13.7	12.6	11.5	10.1
34	19.2	19.5	17	14.7	13.1	12.1	11	9.7
36	17.3	17.7	16.4	14.1	12.6	11.5	10.5	9.2
38		16	15.9	13.6	12.1	11.1	10	8.8
40		14.5	15	13.2	11.6	10.6	9.5	8.4
42			13.6	12.8	11.2	10.2	9.1	8
44				12.5	10.9	9.8	8.7	7.6
46				11.4	10.5	9.5	8.4	7.3
48					10.3	9.2	8.1	7
50						8.9	7.8	6.7
52						8.7	7.5	6.4
54							7.3	6.2
56								6
58								5.8

B.Off-set angle between main boom and jib is 30

30° off-set angle,Main boom 41m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
12	39.8							
14	37.6	32.7						
16	35.6	30.9	26.7					
18	33.9	29.2	25.3	22.3				
20	32.3	27.8	24	21.1	19.2			
22	30.9	26.5	22.8	20	18.1	16.7	15	
24	29.7	25.4	21.8	19.1	17.2	16	14.6	12.8
26	28.6	24.3	20.8	18.2	16.4	15.1	14	12.5
28	26.1	23.4	20	17.4	15.6	14.4	13.3	11.9
30	23.4	22.6	19.2	16.7	14.9	13.7	12.6	11.2
32	21	21.4	18.5	16	14.3	13.1	12	10.7
34	19	19.3	17.9	15.4	13.7	12.6	11.5	10.1
36	17.1	17.4	17.3	14.9	13.2	12	10.9	9.6
38	15.5	15.8	16.2	14.4	12.7	11.6	10.5	9.2
40	14	14.3	14.7	13.9	12.2	11.1	10	8.8
42	12.7	13	13.4	13.5	11.8	10.7	9.6	8.4
44		11.7	12.2	12.4	11.5	10.3	9.2	8
46			11	11.2	11.1	10	8.9	7.7
48			10	10.2	10.5	9.7	8.6	7.4
50				9.2	9.5	9.4	8.3	7.1
52					8.6	9	8	6.8
54					7.8	8.2	7.7	6.6
56						7.4	7.5	6.3
58							6.8	6.1
60							6	5.9
62								5.5

B.Off-set angle between main boom and jib is 30

30° off-set angle,Main boom 47m								
Radius/m	Jib length/m							
	9	12	15	18	21	24	27	30
12	40.9							
14	38.8	33.5						
16	36.9	31.8	27.4					
18	35.2	30.2	26	22.7				
20	33.7	28.8	24.7	21.5	19.6			
22	32.3	27.6	23.6	20.5	18.6	16.9		
24	31.1	26.4	22.6	19.6	17.7	16.3	14.6	
26	28.9	25.4	21.6	18.7	16.9	15.6	14	12.5
28	25.7	24.5	20.8	17.9	16.2	14.9	13.5	12
30	23	23.3	20	17.2	15.5	14.2	13	11.5
32	20.6	20.9	19.3	16.6	14.9	13.6	12.4	10.9
34	18.6	18.8	18.7	16	14.3	13.1	11.8	10.4
36	16.7	17	17.5	15.4	13.8	12.5	11.3	10
38	15.1	15.4	15.8	14.9	13.3	12.1	10.9	9.5
40	13.7	13.9	14.3	14.5	12.8	11.6	10.4	9.1
42	12.4	12.6	13	13.2	12.4	11.2	10	8.7
44	11.2	11.4	11.8	12	12	10.8	9.6	8.4
46	10.1	10.3	10.7	10.8	11.1	10.5	9.3	8
48		9.3	9.6	9.8	10.1	10.1	9	7.7
50		8.3	8.7	8.9	9.1	9.5	8.7	7.4
52			7.8	8	8.3	8.6	8.4	7.2
54				7.1	7.4	7.8	7.9	6.9
56				6.4	6.7	7	7.1	6.7
58					5.9	6.3	6.4	6.4
60						5.6	5.7	5.8
62							5	5.1
64							4.4	4.5
66								3.8

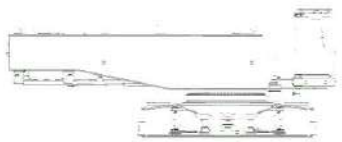
B.Off-set angle between main boom and jib is 30

30° off-set angle,Main boom 53m							
Radius/m	Jib length/m						
	9	12	15	18	21	24	27
14	38.1						
16	36.9	30.3	25.6				
18	35.8	29.3	24.7	21.2			
20	34.6	28.4	23.9	20.5	18.1		
22	33.3	27.6	23.2	19.8	17.5	15.7	
24	32.1	26.8	22.5	19.2	16.9	15.2	13.7
26	29	26.1	21.8	18.6	16.4	14.7	13.2
28	25.8	25.4	21.3	18.1	15.9	14.2	12.7
30	23	23.4	20.7	17.6	15.4	13.8	12.3
32	20.7	21	20.2	17.2	15	13.4	11.9
34	18.6	18.9	19.3	16.7	14.6	13	11.6
36	16.8	17	17.5	16.1	14.2	12.6	11.2
38	15.2	15.4	15.8	15.6	13.7	12.2	10.8
40	13.7	13.9	14.3	14.5	13.3	11.9	10.5
42	12.4	12.6	13	13.2	12.9	11.5	10.1
44	11.3	11.4	11.8	11.9	12.2	11.2	9.8
46	10.2	10.3	10.7	10.8	11.1	10.9	9.5
48	9.2	9.3	9.7	9.8	10.1	10.4	9.3
50	8.3	8.4	8.7	8.8	9.1	9.4	9
52		7.6	7.9	8	8.2	8.6	8.6
54		6.8	7.1	7.2	7.4	7.7	7.8
56			6.3	6.4	6.7	7	7
58				5.7	5.9	6.3	6.3
60				5	5.3	5.6	5.6
62					4.6	4.9	5
64						4.3	4.4
66						3.8	3.8
68							3.3

B.Off-set angle between main boom and jib is 30

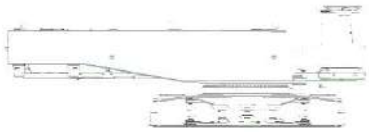
30° off-set angle,Main boom 59m					Main boom 65m
Radius/m	Jib length/m				Jib length/m
	9	12	15	18	9
14	37.5				34.9
16	36.5	30			34
18	35.5	29.1	24.5		33.3
20	34.6	28.3	23.7	20.3	32.5
22	33.7	27.5	23	19.7	31.8
24	32.5	26.8	22.4	19.1	31.2
26	28.7	26.1	21.8	18.6	28.4
28	25.5	25.5	21.3	18.1	25.1
30	22.7	23.1	20.8	17.6	22.4
32	20.4	20.6	20.2	17.1	20
34	18.3	18.5	19	16.6	17.9
36	16.5	16.7	17.1	16.1	16.1
38	14.8	15.1	15.5	15.7	14.5
40	13.4	13.6	14	14.2	13
42	12.1	12.3	12.7	12.8	11.7
44	10.9	11.1	11.4	11.6	10.5
46	9.9	10	10.3	10.5	9.5
48	8.9	9	9.3	9.5	8.5
50	8	8.1	8.4	8.5	7.6
52	7.1	7.2	7.5	7.6	6.8
54	6.4	6.5	6.7	6.8	6
56	5.6	5.7	6	6.1	5.3
58		5	5.3	5.4	4.6
60			4.7	4.7	4
62			4.1	4.1	
64				3.5	

PARAMETERS OF MAIN TRANSPORTING COMPONENTS



Basic machine transport plan A	× 1
L	12.30m
W	3.00m
H	3.32m
W	38.1t

With main luffing winch and wire rope, cab, mast and sheave block, etc., without turntable counterweight self- assembly and disassembly device, tower jib single top winch and etc.

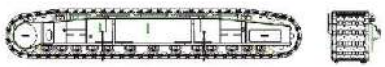


Basic machine transport plan B (optional)	× 1
L	10.08m
W	3.00m
H	3.30m
W	32.9t

Without main luffing winch and wire rope, mast, luffing sheave block, turntable counterweight self- assembly and disassembly device, tower jib single top winch and other optional devices etc.

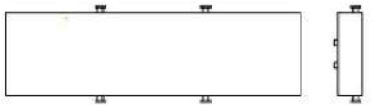
Mast independent transport part (optional)	× 1
L	9.98m
W	1.94m
H	1.32m
W	5.2t

Include main luffing winch and wire rope, mast, luffing sheave block and some boom pendants, this is used when it is not transported with basic machine

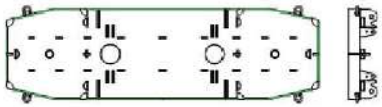


Left track frame	× 1
L	8.85m
W	1.58m
H	1.35m
W	20.3t

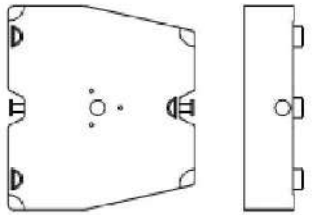
Right track frame	× 1
L	8.85m
W	1.58m
H	1.35m
W	20.3t



Car-body counterweight slab	× 2
L	4.80m
W	1.55m
H	0.45m
W	10.5t



Turntable counterweight tray	× 1
L	6.74m
W	2.25m
H	0.64m
W	15.0t

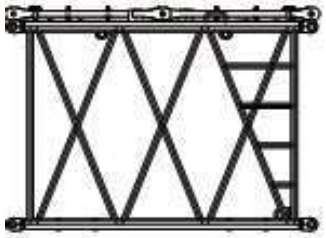


Turntable counterweight slab	× 12
L	1.80m
W	2.00m
H	0.57m
W	5.0t

PARAMETERS OF MAIN TRANSPORTING COMPONENTS

Boom base	× 1
L	7.08m
W	2.96m
H	3.03m
W	9.60t

Including main winch, aux. winch and wire rope, boom pendants, tower jib pendants, backstop stop device and etc.



Boom 3m insert A	× 1
L	3.17m
W	2.5m
H	2.26m
W	0.9t

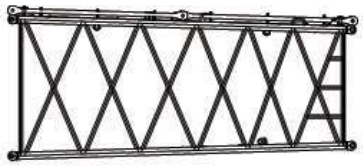
Including boom pendant and tower jib pendants

Boom 6m insert A	× 1
L	6.17m
W	2.5m
H	2.26m
W	1.5t

Including boom pendant and tower jib pendants

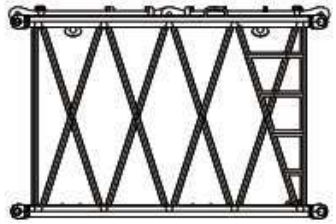
Boom 12m insert A	× 2
L	12.18m
W	2.5m
H	2.26m
W	2.5t

Including boom pendant and tower jib pendants



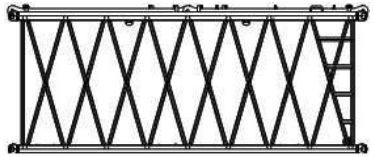
Boom 6m transition section	× 1
L	6.17m
W	2.5m
H	2.26m
W	1.5t

Including boom pendant and tower jib pendants



Boom 3m insert B	× 1
L	3.13m
W	2.12m
H	1.89m
W	0.6t

Including boom pendant and tower jib pendants



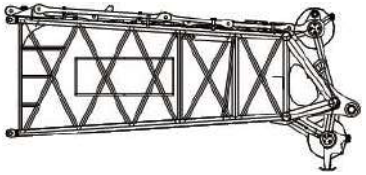
Boom 6m insert B	× 1
L	6.13m
W	2.12m
H	1.89m
W	1.1t

Including boom pendant and tower jib pendants

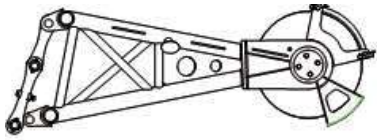
Boom 12m insert B	× 2
L	12.13m
W	2.12m
H	1.89m
W	2.3t

Including boom pendant and tower jib pendants

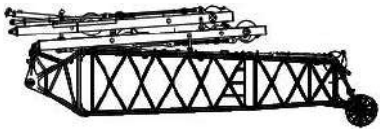
PARAMETERS OF MAIN TRANSPORTING COMPONENTS



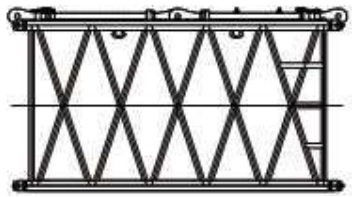
Boom top	× 1
L	5.58m
W	2.2m
H	2.47m
W	3.2t
Including boom pendant and tower jib pendants	



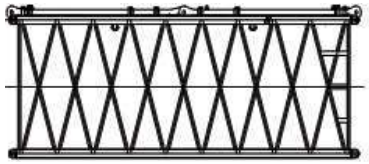
Boom single top	× 1
L	2.065m
W	1.16m
H	0.7m
W	0.26t



Tower jib quintuplet	× 1
L	10.04m
W	2.18m
H	3.22m
W	6.20t
Include tower jib base, transition section, tower jib top, front strut, rear strut, pendant, backstop device and etc.	

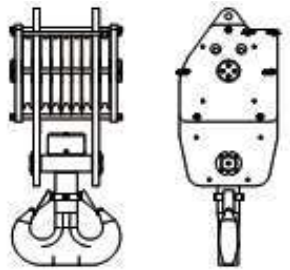


Tower jib 3m insert C	× 1
L	3.17m
W	1.79m
H	1.59m
W	0.5t
Including pendants	

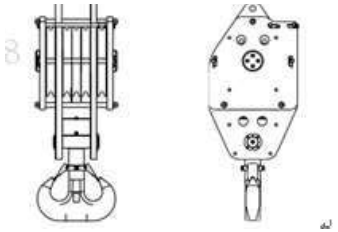


Tower jib 6m insert C	× 1
L	6.17m
W	1.79m
H	1.59m
W	0.8t
Including pendants	

Tower jib 12m insert C	× 2
L	12.17m
W	1.79m
H	1.59m
W	1.50t
Including pendants	

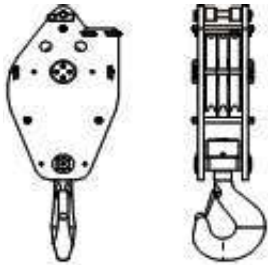


160t hook block assy	× 1
L	0.866m
W	0.76m
H	2.35m
W	2.20t

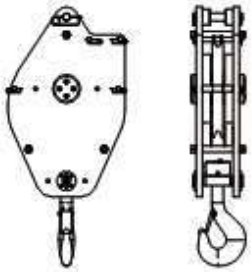


100t hook block assy	× 1
L	0.704m
W	0.76m
H	1.895m
W	1.67t

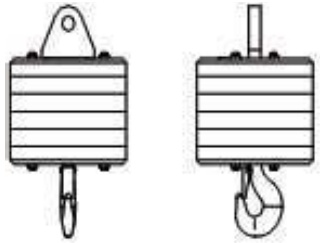
PARAMETERS OF MAIN TRANSPORTING COMPONENTS



80t hook block assy	× 1
L	0.76m
W	0.418m
H	1.998m
W	0.96t



32t hook block assy	× 1
L	0.76m
W	0.35m
H	1.628m
W	0.73t



13.5t hook block assy	× 1
L	0.485m
W	0.485m
H	0.787m
W	0.50t

Notes:
1.The parts weight which are not listed above include some clips, small size pin shafts, bolts, several small pendants or sling connectors, and etc., total weight is not more than 3t.
2.Slight difference is ineluctable during product manufacture, and dimension and weight of some parts are variable due to continuous improvement in products.
3.Various pendants are easy confused, so before transportation, customers should make marks on corresponding pendants.

MEMOS

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