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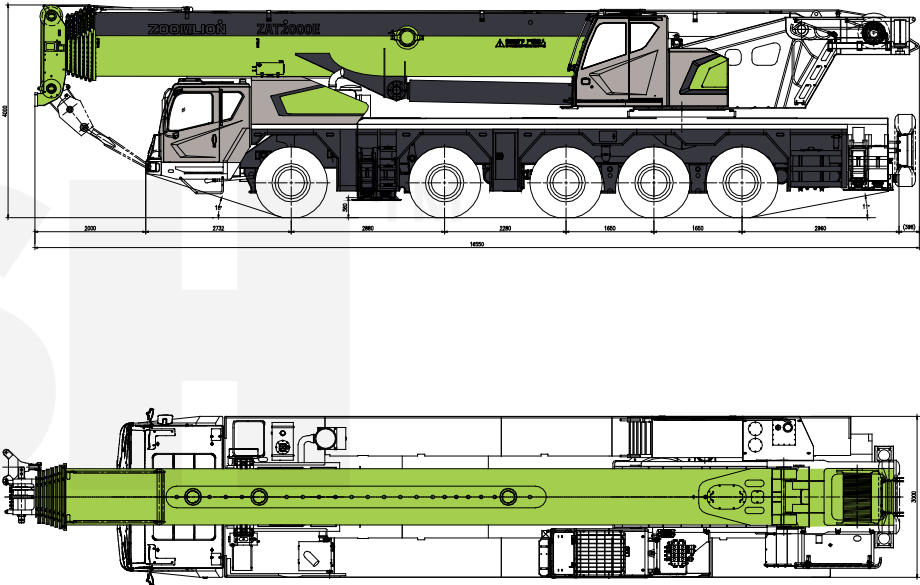
ZOOMLION ALL TERRAIN CRANE ZAT2000E



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DIMENSIONS



WEIGHT

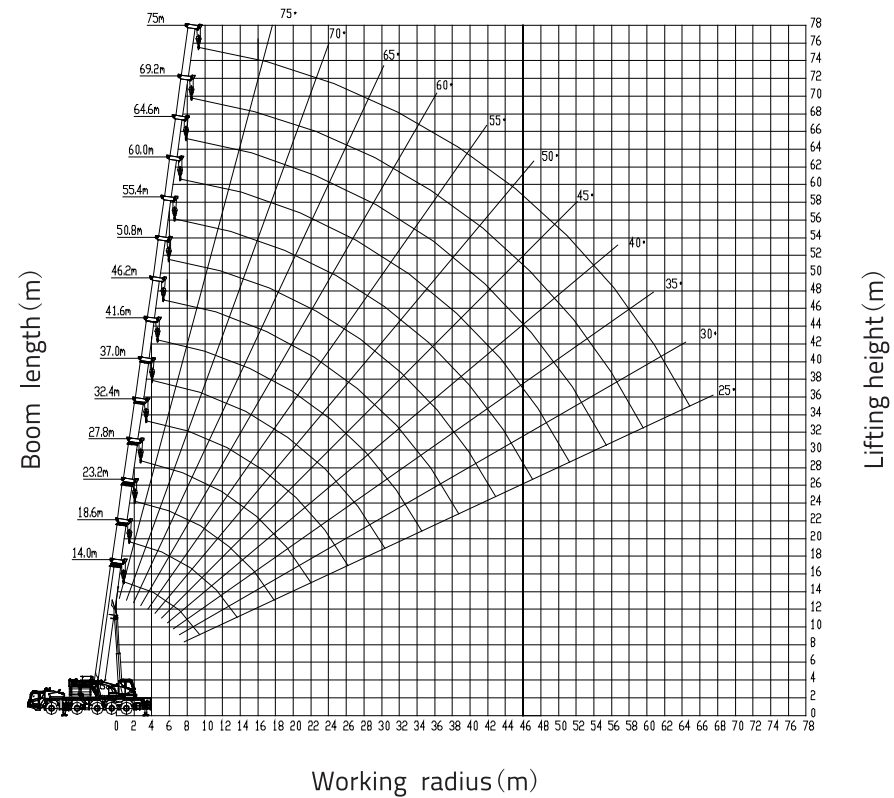
 Axle	1	2	3	4	5	Total weight
T	12	12	12	12	12	60

Hook Load T	No. of Sheaves	No. of Lines	Weight Kg	Remark
130	8	16	1480	Standard
110	7	14	1200	Optional
70	5	10	900	Standard
70	5	10	928	Optional
25	1	3	580	Optional
9	0	1	310	Standard

 Working Speeds	 MAX.		
445/95 R25	80	48	12/R2

Drive	Operation Speed	Rope diameter/length	Max. single line pull
	135m/min	Φ 20mm/395m	
	120m/min	Φ 20mm/220m	
Swing	0 ~ 1.5r/min		
Derricking	70s		
Telescoping	650s		

LIFTING HEIGHT CHARTS



Lifting height (m)

Working radius (m)

Outriggers completely extended 8.3 m, with 68 t counterweight, over full range													
Working Radius (m)	Main boom length (m)												
	14.0*	18.6	18.6	18.6	18.6	18.6*	23.2	23.2	23.2	23.2	23.2	23.2	23.2*
3.0	200.0	53.0	84.7	100.0	110.0	135.0	28.7	57.5	85.0	95.0	100.0	115.0	
3.5	140.0	50.6	78.5	100.0	110.0	135.0	27.1	55.2	81.0	95.0	100.0	115.0	
4.0	125.0	48.5	73.4	100.0	110.0	120.0	25.7	52.1	77.0	95.0	100.0	110.0	
4.5	114.0	46.6	68.9	100.0	106.0	110.0	24.4	49.2	73.0	95.0	100.0	105.0	
5.0	106.0	44.7	65.0	94.5	99.5	104.0	23.2	46.5	69.2	93.0	100.0	100.0	
5.5	99.0	43.2	61.6	89.5	94.0	98.0	22.2	44.2	65.9	88.7	95.0	96.0	
6.0	93.5	41.7	58.3	85.0	89.0	93.0	21.2	42.1	62.9	84.9	92.0	92.0	
7.0	83.0	38.8	52.6	76.5	80.0	82.0	19.5	38.2	57.1	77.6	81.0	81.0	
8.0	75.0	36.6	48.4	70.0	73.5	73.5	18.1	35.2	52.6	71.0	71.5	71.5	
9.0	66.0	34.5	44.4	64.5	66.2	66.0	16.8	32.5	48.6	64.0	64.0	64.0	
10.0	58.5	32.6	41.1	59.7	59.7	59.5	15.7	30.2	45.3	58.0	58.0	58.0	
11.0		31.0	38.2	53.2	53.2	53.0	14.7	28.2	42.4	54.5	54.5	54.5	
12.0		29.3	35.5	47.8	47.8	47.5	14.0	26.5	39.9	49.0	49.0	49.0	
14.0		26.5	30.9	39.2	39.2	39.0	12.4	23.5	35.4	42.0	42.0	40.5	
16.0							11.1	20.8	31.3	36.0	35.5	34.0	
18.0							10.1	18.7	28.2	30.5	30.0	28.0	
20.0													
22.0													
24.0													
26.0													
28.0													
30.0													
32.0													
34.0													
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54.0													
56.0													
58.0													
60.0													
62.0													
64.0													
66.0													
68.0													
Reeving Hook	14	14					14						
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	1	2
	II	1	1	1	1	1	2	1	1	1	1	2	2
	III	1	1	1	1	2	1	1	1	2	2	1	
	IV	1	1	1	2	1	1	1	2	2	1	1	
	V	1	1	2	1	1	1	2	2	1	1	1	
	VI	1	2	1	1	1	1	3	2	1	1	1	1

Unit: t

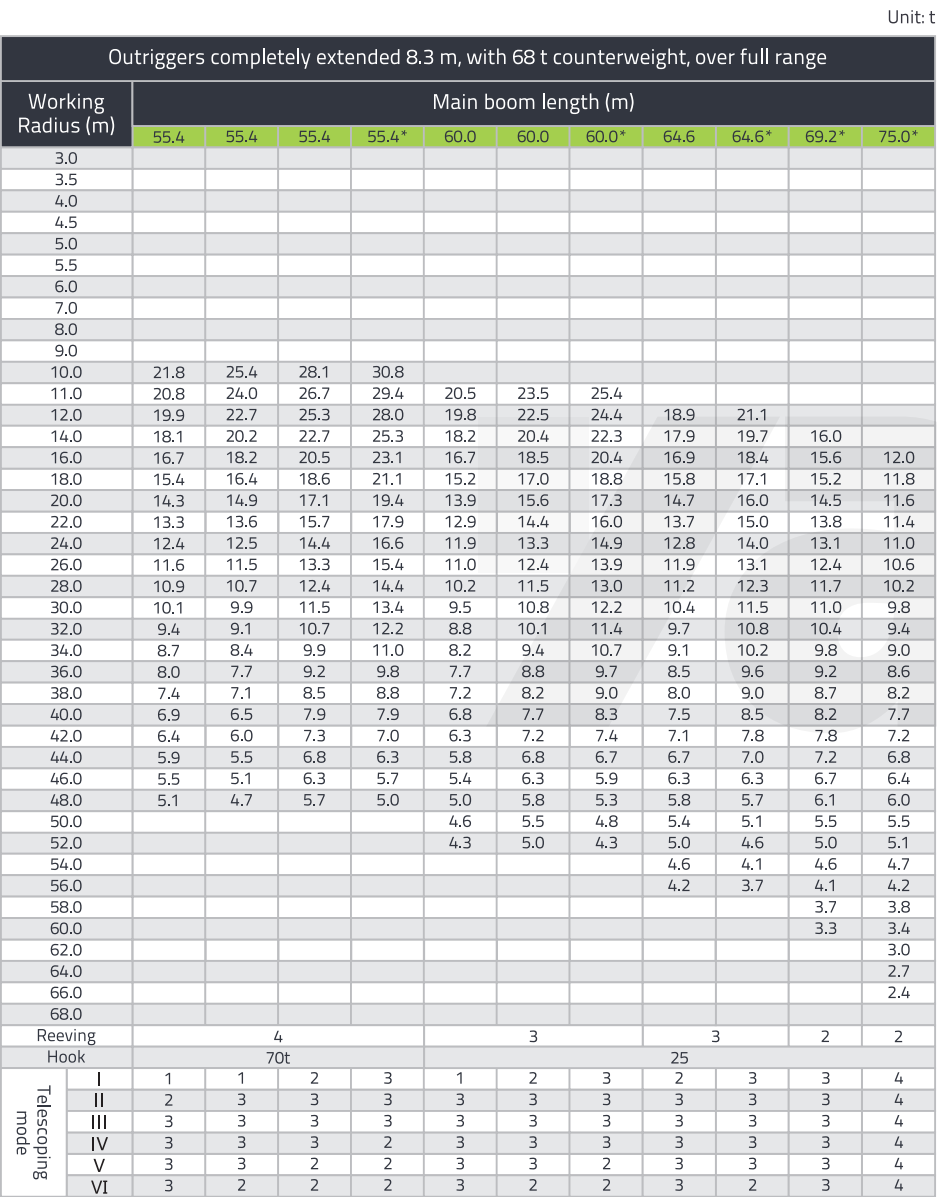
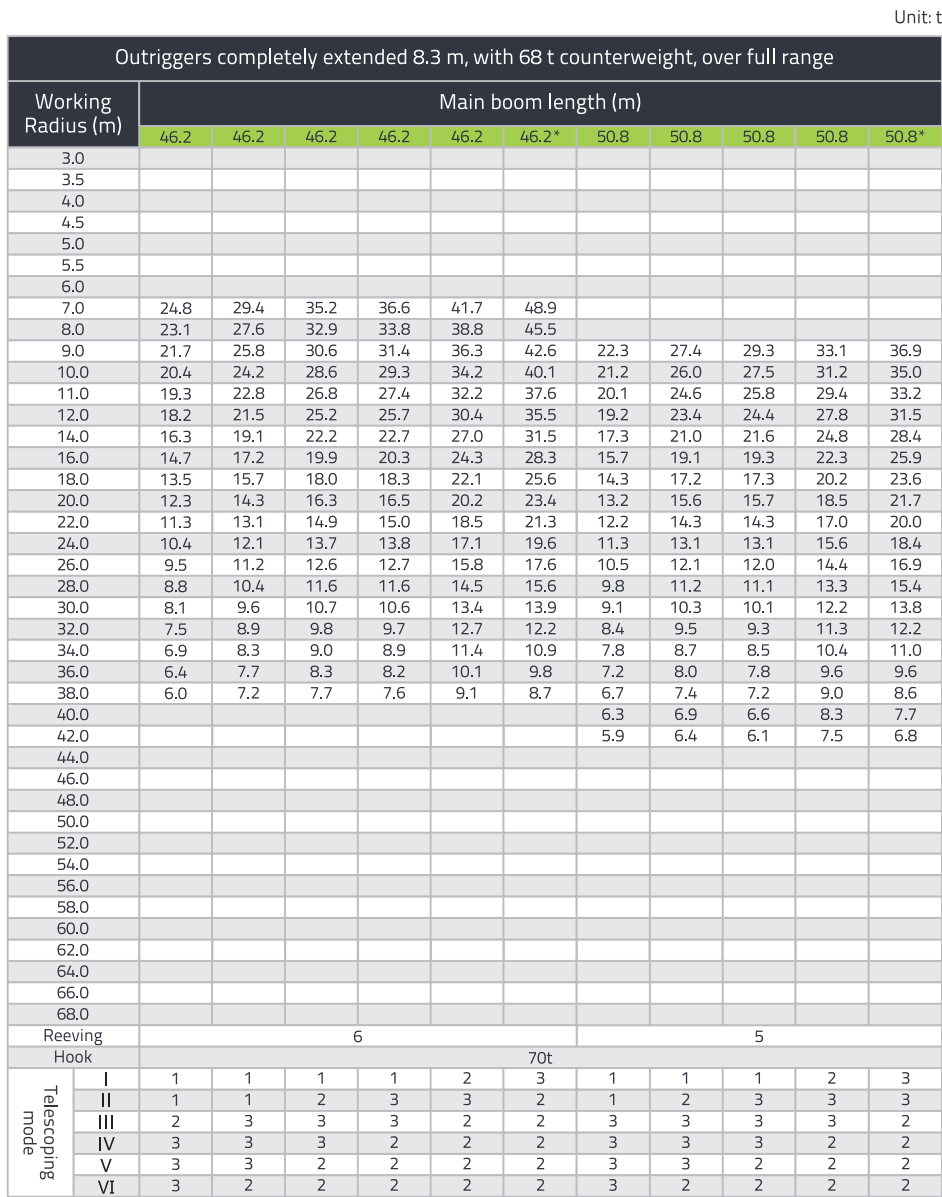
LIFTING HEIGHT CHARTS

Outriggers completely extended 8.3 m, with 68 t counterweight, over full range													
Working Radius (m)	Main boom length (m)												
	27.8	27.8	27.8	27.8	27.8	27.8*	32.4	32.4	32.4	32.4	32.4	32.4	32.4*
3.0													
3.5	29.2	33.2	58.0	85.0	90.0	98.0							
4.0	27.7	31.4	56.1	85.0	90.0	98.0							
4.5	26.5	29.8	53.8	80.5	90.0	96.0	25.7	30.8	38.3	56.0	80.0	83.0	
5.0	25.4	28.3	51.3	76.5	87.0	94.0	24.4	29.3	36.4	54.5	80.0	83.0	
5.5	24.3	26.9	48.9	72.9	84.0	92.0	23.3	28.0	34.8	52.4	76.0	83.0	
6.0	23.3	25.7	46.8	69.6	80.0	90.0	22.3	26.8	33.3	50.4	72.5	80.0	
7.0	21.6	23.5	42.9	63.7	72.5	79.0	20.4	24.6	30.5	46.6	66.0	74.0	
8.0	20.1	21.6	39.6	58.6	66.2	70.0	18.8	22.7	28.1	43.3	60.5	68.0	
9.0	18.8	20.0	36.7	54.3	60.8	63.0	17.5	21.1	26.1	40.5	56.0	61.0	
10.0	17.6	18.6	34.3	50.7	56.2	59.0	16.2	19.6	24.3	38.0	52.0	55.5	
11.0	16.6	17.4	32.2	47.5	52.3	53.5	15.2	18.4	22.8	36.0	48.5	51.0	
12.0	15.8	16.4	30.5	44.8	48.9	49.5	14.3	17.3	21.4	34.1	45.5	48.0	
14.0	14.2	14.6	27.2	39.9	41.2	41.2	12.8	15.5	19.1	30.6	40.3	41.5	
16.0	13.0	13.1	24.5	35.8	36.0	34.5	11.4	13.9	17.1	27.9	36.0	35.0	
18.0	12.0	11.9	22.5	31.3	30.3	28.8	10.3	12.6	15.5	25.6	31.5	29.5	
20.0	10.9	10.8	20.5	27.2	26.0	24.5	9.4	11.5	14.2	23.6	26.4	25.0	
22.0	10.0	9.8	18.8	23.7	22.5	21.0	8.5	10.4	12.9	21.7	23.0	21.6	
24.0							7.7	9.5	11.8	20.0	20.3	18.7	
26.0							7.0	8.7	10.8	18.4	18.0	16.5	
28.0													
30.0													
32.0													
34.0													
36.0													
38.0													
40.0													
42.0													
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54.0													
56.0													
58.0													
60.0													
62.0													
64.0													
66.0													
68.0													
Reeving Hook	12					10							
Telescoping mode	I	1	1	1	1	1	2	1	1	1	1	1	2
	II	1	1	1	1	2	2	1	1	1	1	2	2
	III	1	1	1	2	2	2	1	1	1	2	2	2
	IV	1	1	2	2	2	1	1	2	3	2	2	2
	V	2	3	2	2	1	1	3	3	2	2	2	1
	VI	3	2	2	1	1	1	3	2	2	2	1	1

Unit: t

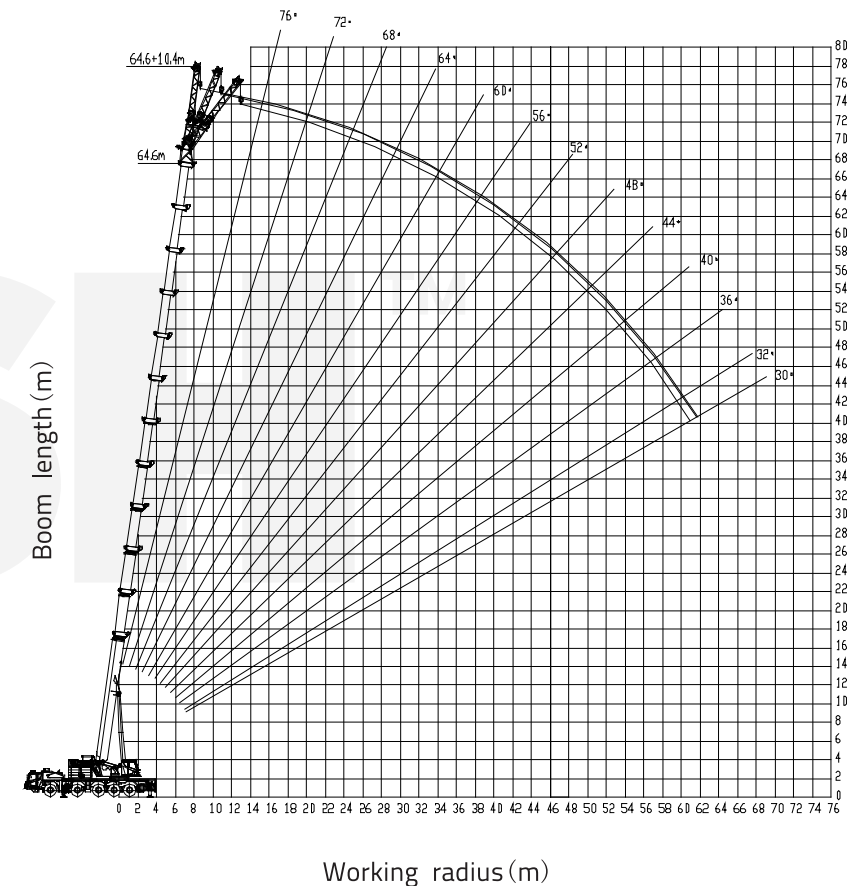
Outriggers completely extended 8.3 m, with 68 t counterweight, over full range														Unit: t
Working Radius (m)	Main boom length (m)													
	37.0	37.0	37.0	37.0	37.0	37.0*	41.6	41.6	41.6	41.6	41.6	41.6*		
3.0														
3.5														
4.0														
4.5														
5.0														
5.5	24.6	29.2	34.4	41.8	55.8	70.0								
6.0	23.5	28.0	32.9	40.0	54.1	70.0	25.4	30.4	35.4	41.4	42.7	59.0		
7.0	21.7	26.0	30.3	36.8	50.3	70.0	23.4	28.1	32.7	38.1	39.3	56.5		
8.0	20.0	24.1	27.9	33.9	47.0	64.5	21.7	26.0	30.3	35.1	36.2	54.0		
9.0	18.5	22.5	25.9	31.5	44.3	59.0	20.2	24.1	28.2	32.5	33.5	51.5		
10.0	17.3	21.1	24.2	29.4	41.8	54.0	18.9	22.5	26.4	30.3	31.2	49.0		
11.0	16.2	19.9	22.6	27.5	39.6	49.5	17.9	21.1	25.0	28.4	29.2	46.5		
12.0	15.2	18.8	21.3	25.9	37.6	45.5	16.9	19.8	23.5	26.6	27.4	43.5		
14.0	13.6	16.9	19.0	23.1	34.0	38.5	15.0	17.5	20.9	23.6	24.3	37.6		
16.0	12.2	15.1	17.0	20.7	31.1	33.0	13.5	15.7	18.9	21.1	21.7	33.3		
18.0	11.0	13.7	15.4	18.7	28.6	29.5	12.3	14.2	17.2	19.1	19.6	30.0		
20.0	10.1	12.5	14.1	17.2	26.6	25.2	11.3	13.0	15.8	17.4	17.8	27.2		
22.0	9.3	11.5	13.0	15.8	24.3	22.0	10.4	11.9	14.5	15.9	16.3	23.7		
24.0	8.6	10.6	12.0	14.6	21.5	19.5	9.6	10.9	13.3	14.6	15.0	21.0		
26.0	7.9	9.7	11.0	13.4	18.8	17.5	9.0	10.1	12.3	13.5	13.7	18.5		
28.0	7.3	8.9	10.1	12.3	16.9	15.2	8.3	9.3	11.3	12.4	12.6	16.2		
30.0	6.7	8.2	9.3	11.4	15.0	13.6	7.7	8.6	10.4	11.4	11.6	14.4		
32.0							7.2	7.9	9.6	10.5	10.7	12.8		
34.0							6.7	7.3	8.9	9.7	9.9	11.5		
36.0														
38.0														
40.0														
42.0														
44.0														
46.0														
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52.0														
54.0														
56.0														
58.0														
60.0														
62.0														
64.0														
66.0														
68.0														
Reeving	9						7							
Hook	70t													
Telescoping mode	I	1	1	1	1	1	2	1	1	1	1	1	2	
	II	1	1	1	1	2	2	1	1	1	2	3	2	
	III	1	1	2	3	2	2	1	2	3	3	2	2	
	IV	2	3	3	2	2	2	3	3	3	2	2	2	
	V	3	3	2	2	2	2	3	3	2	2	2	2	
	VI	3	2	2	2	2	1	3	2	2	2	2	2	

LIFTING HEIGHT CHARTS

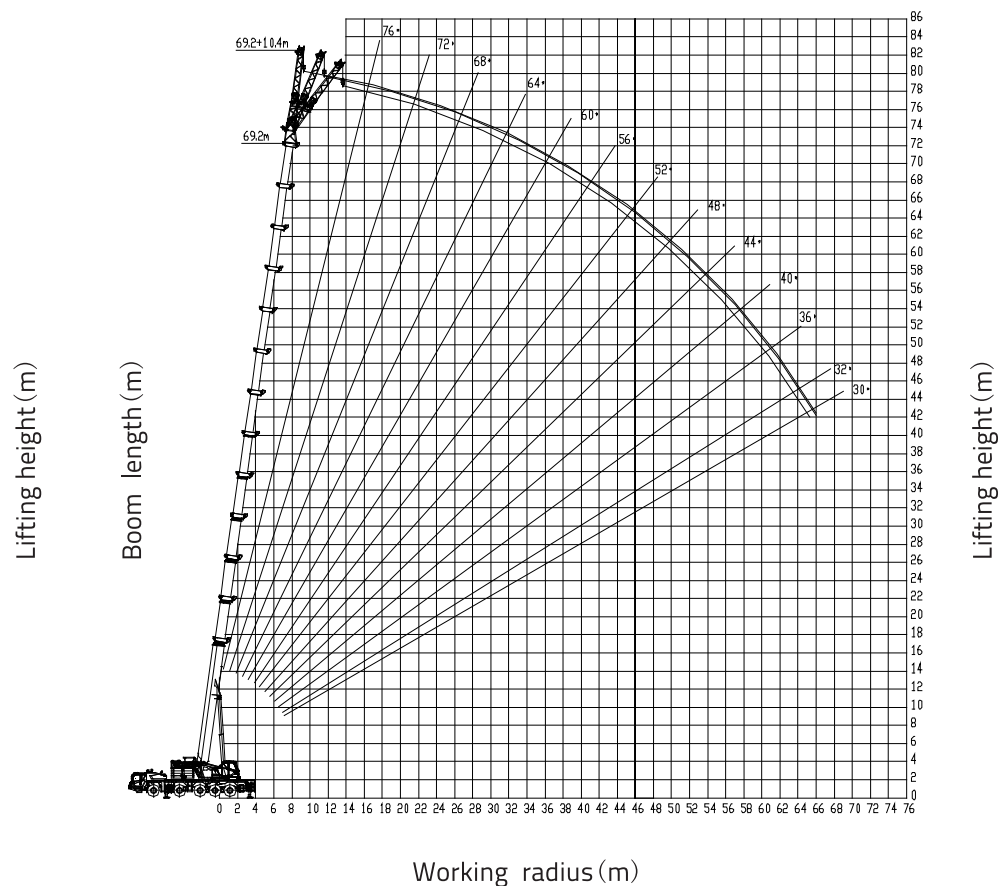


MAIN BOOM + 10.4 M JIB

64.6 m main boom + 10.4 m jib

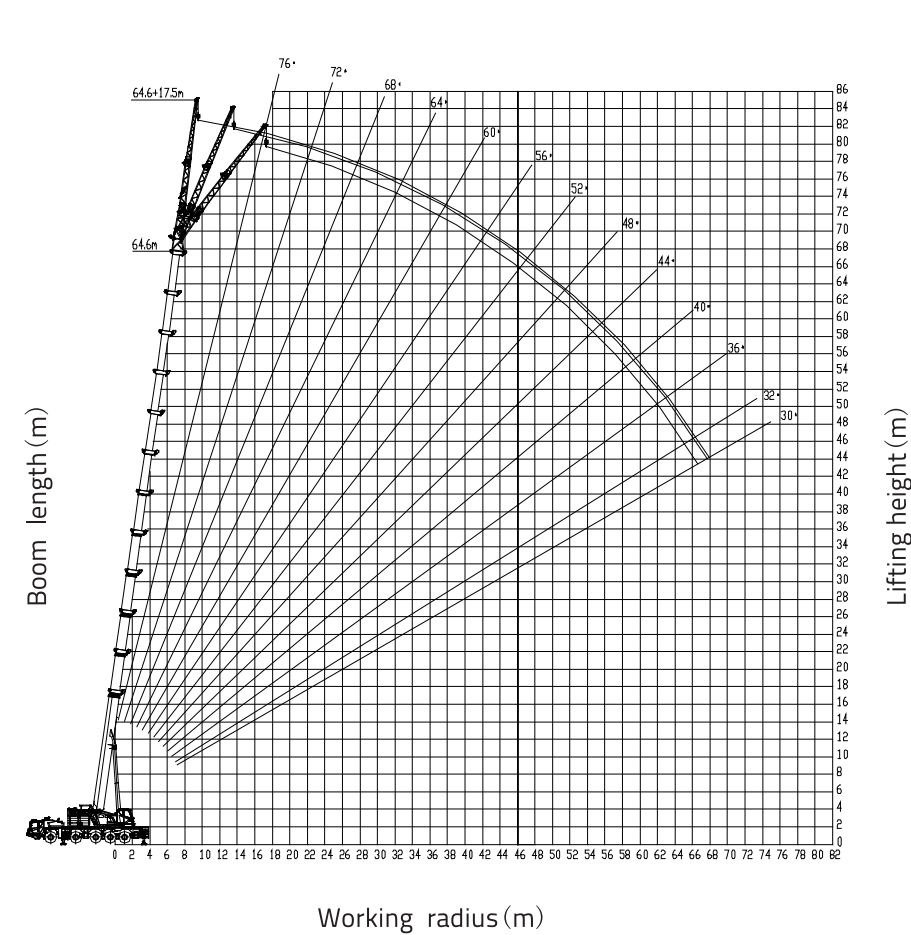


69.2 m main boom + 10.4 m jib

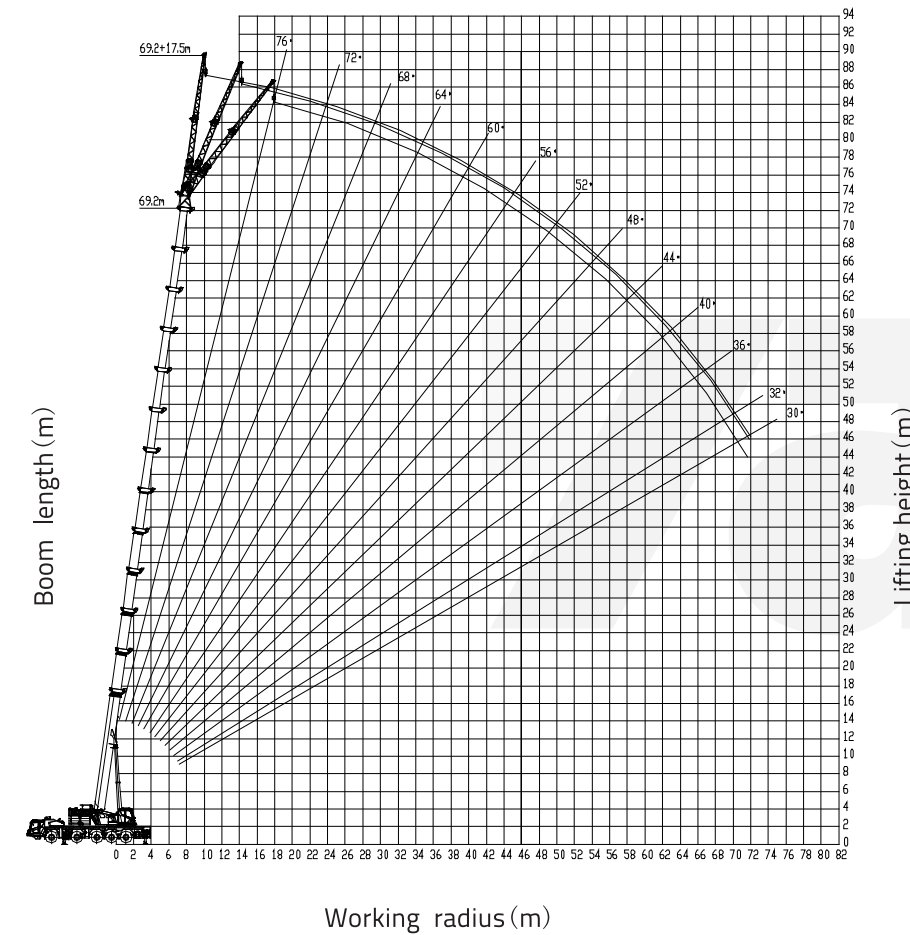


MAIN BOOM + 17.5 M JIB

64.6 m main boom + 17.5 m jib

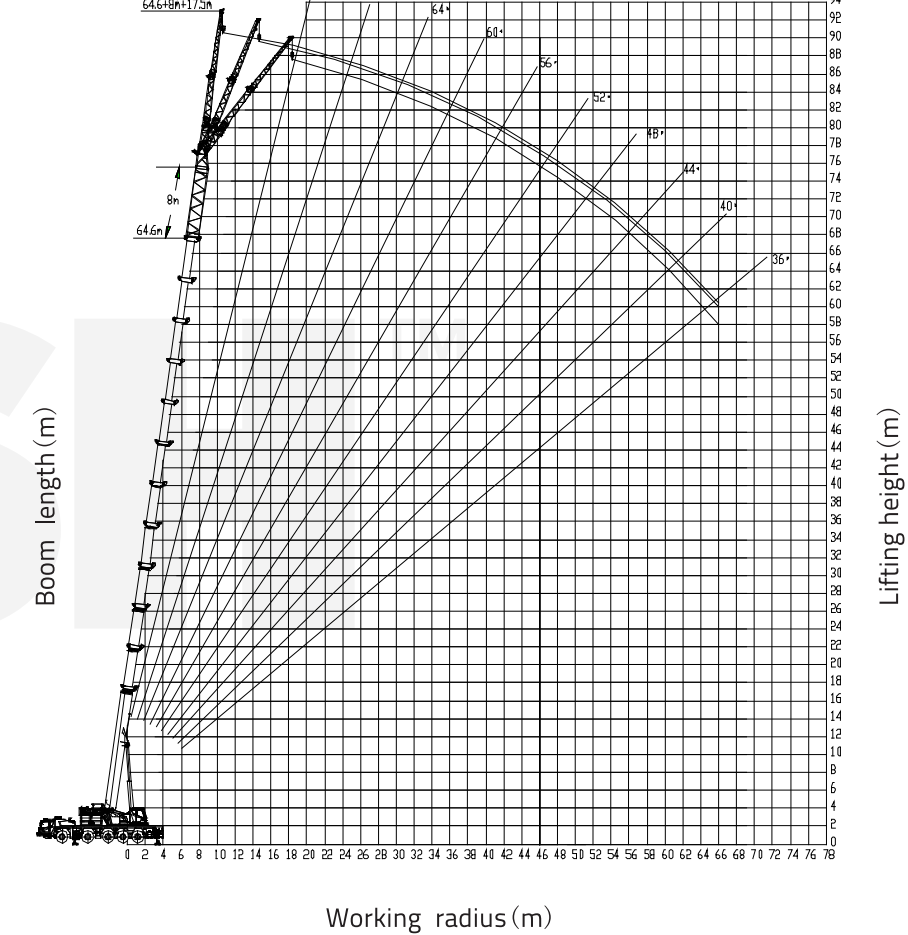


69.2 m main boom + 17.5 m jib

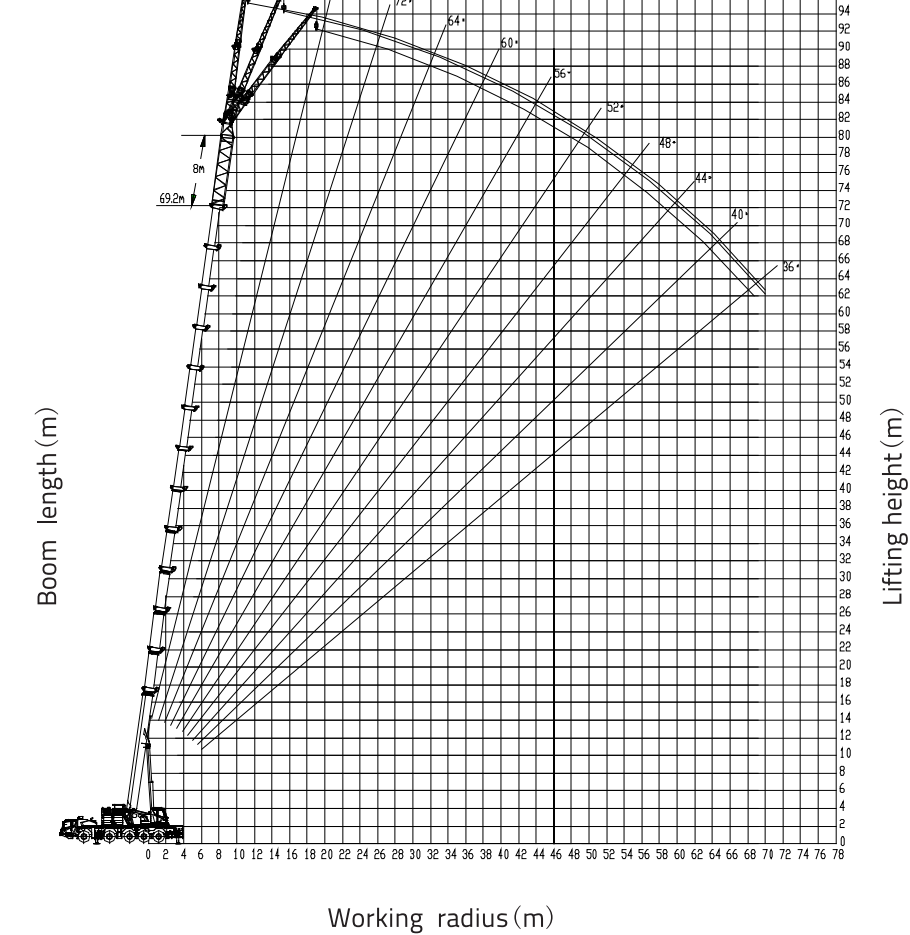


MAIN BOOM + 25.5 M JIB

64.6 m main boom + 8 m extension + 17.5 m jib

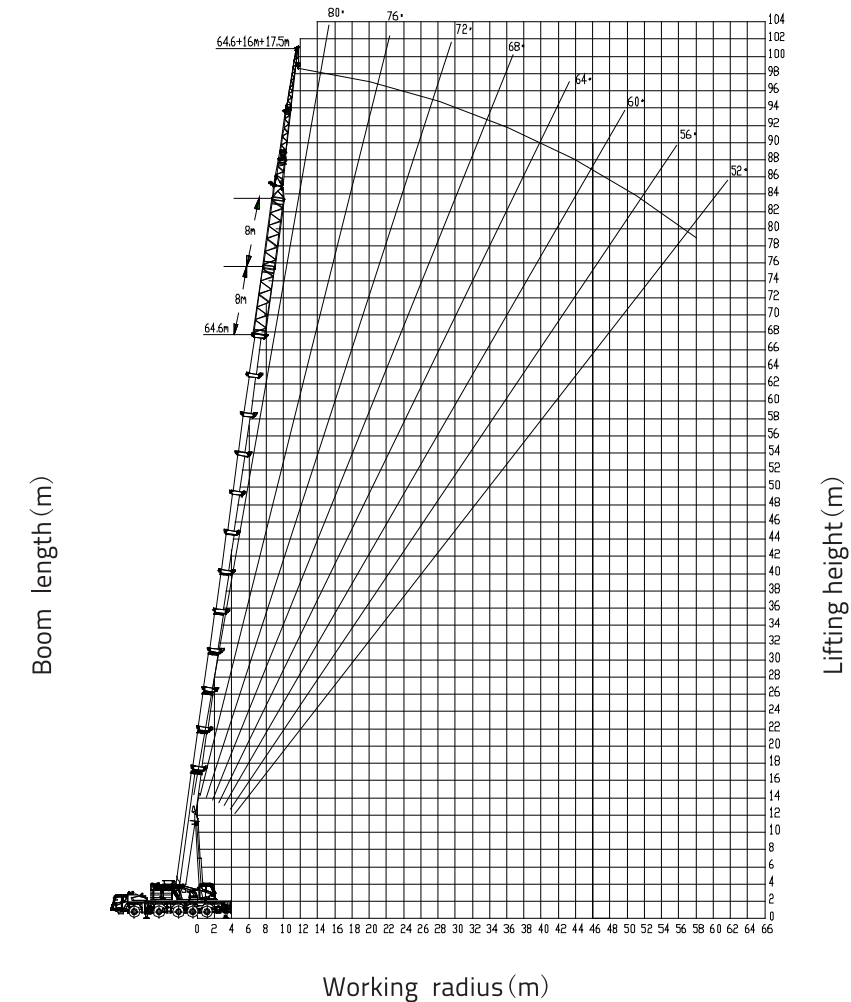


69.2 m main boom + 8 m extension + 17.5 m jib

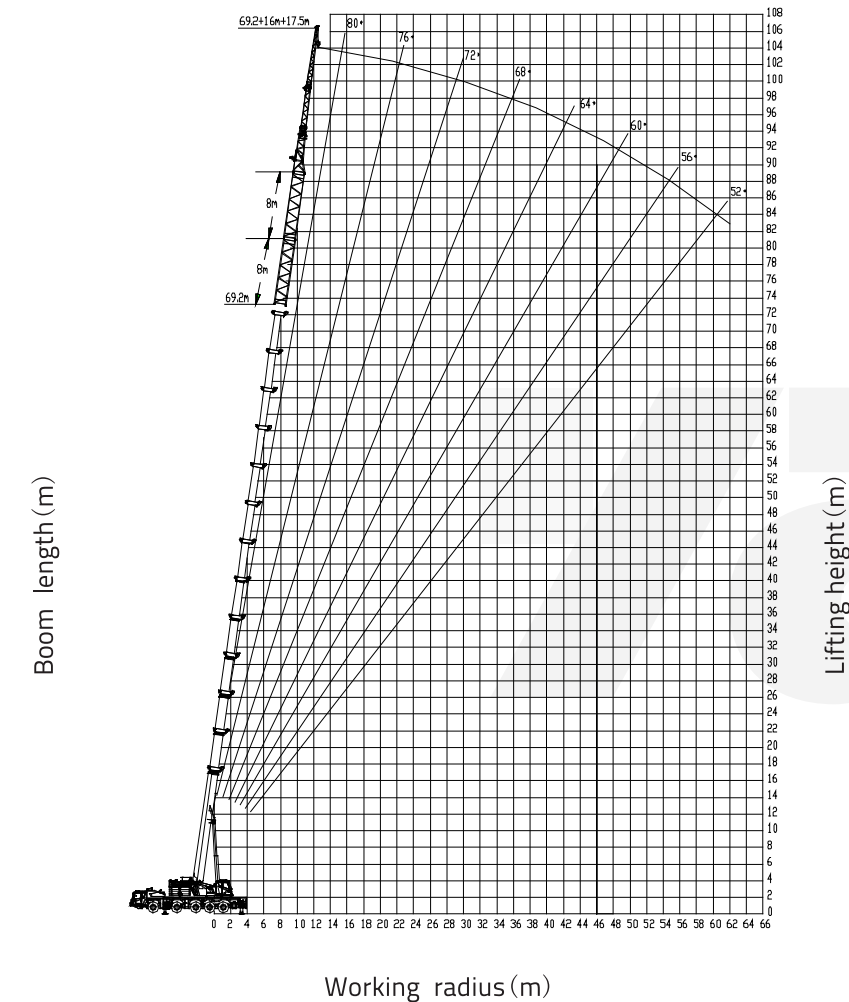


MAIN BOOM + 33.5 M JIB

64.6 m main boom + 8 m extension + 8 m extension + 17.5 m jib



69.2 m main boom + 8 m extension + 8 m extension + 17.5 m jib



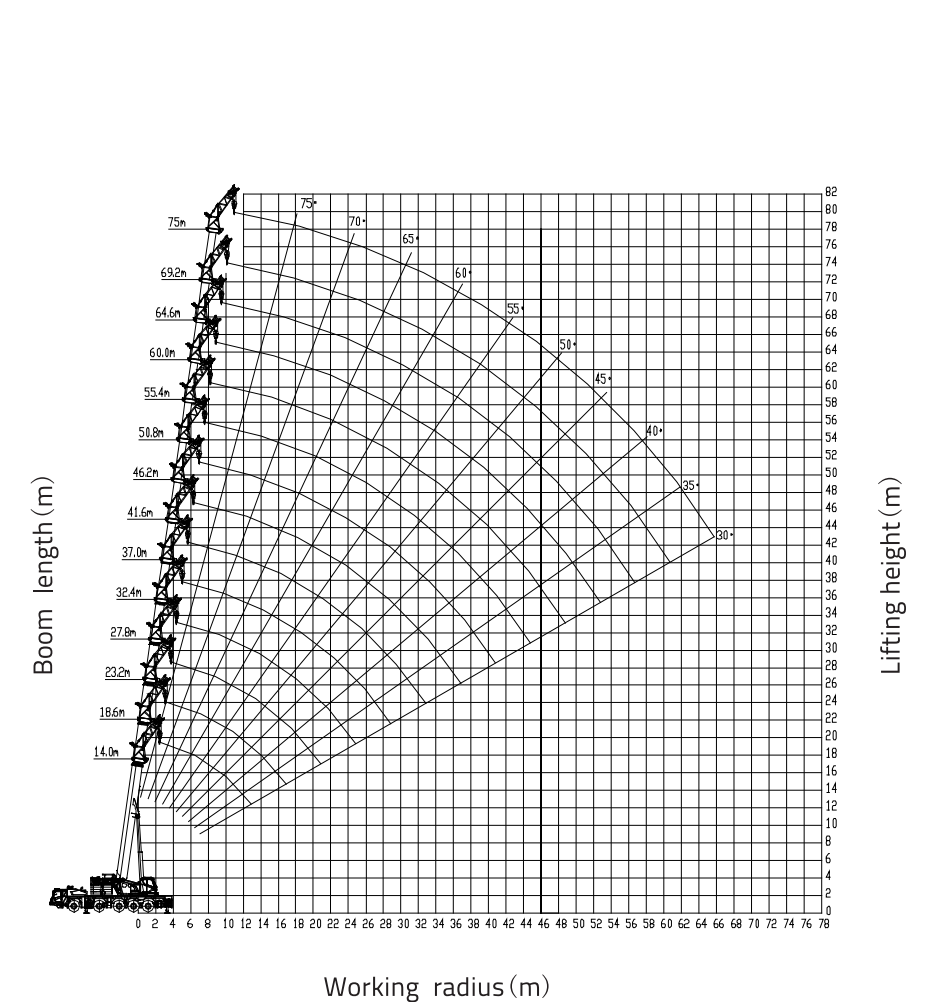
LIFTING HEIGHT CHARTS

Main boom + jib

Outriggers completely extended 8.3 m, with 68 t counterweight, over full range																				
Working Radius (m)	Main boom (m) + jib (m)																			
	64.6			69.2			64.6			69.2			64.6			69.2			64.6	69.2
	10.4			10.4			17.5			17.5			25.5			25.5			33.5	33.5
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°
16.0																				
18.0	9.0						4.6													
20.0	9.0	8.0		8.5			4.5	3.5		4.5										
22.0	9.0	7.9	7.2	8.3	7.6		4.4	3.4	2.9	4.4	3.4		3.7							
24.0	9.0	7.8	7.1	8.1	7.5	6.7	4.3	3.4	2.8	4.3	3.4	2.8	3.6	2.9		3.6			2.5	
26.0	9.0	7.7	7.0	7.9	7.4	6.6	4.2	3.3	2.8	4.2	3.3	2.8	3.5	2.9	2.5	3.5	2.8		2.5	2.3
28.0	8.8	7.6	6.9	7.7	7.3	6.5	4.1	3.3	2.8	4.1	3.3	2.8	3.4	2.8	2.4	3.4	2.8	2.4	2.4	2.3
30.0	8.6	7.5	6.8	7.5	7.2	6.4	4.0	3.2	2.7	4.0	3.2	2.7	3.3	2.8	2.4	3.3	2.8	2.4	2.4	2.3
32.0	8.4	7.4	6.7	7.3	7.1	6.3	3.9	3.2	2.7	3.9	3.2	2.7	3.2	2.7	2.4	3.2	2.7	2.4	2.3	2.2
34.0	8.1	7.3	6.6	7.1	6.9	6.2	3.8	3.1	2.7	3.8	3.1	2.7	3.1	2.7	2.3	3.1	2.7	2.3	2.3	2.2
36.0	7.7	7.2	6.5	6.9	6.7	6.1	3.7	3.1	2.6	3.7	3.1	2.6	3.0	2.6	2.3	3.0	2.6	2.3	2.3	2.2
38.0	7.3	7.1	6.4	6.7	6.5	6.0	3.6	3.0	2.6	3.6	3.0	2.6	2.9	2.6	2.3	2.9	2.6	2.3	2.2	2.1
40.0	6.9	6.9	6.3	6.5	6.3	5.9	3.5	3.0	2.6	3.5	3.0	2.6	2.9	2.5	2.2	2.9	2.5	2.2	2.2	2.1
42.0	6.5	6.7	6.2	6.3	6.1	5.8	3.4	2.9	2.5	3.4	2.9	2.5	2.8	2.5	2.2	2.8	2.5	2.2	2.2	2.1
44.0	6.2	6.3	6.1	6.0	5.9	5.7	3.3	2.9	2.5	3.3	2.9	2.5	2.8	2.4	2.2	2.8	2.4	2.2	2.1	2.0
46.0	5.9	6.0	6.0	5.7	5.7	5.6	3.2	2.8	2.5	3.2	2.8	2.5	2.7	2.4	2.1	2.7	2.4	2.1	2.1	2.0
48.0	5.6	5.7	5.7	5.4	5.4	5.4	3.1	2.8	2.4	3.1	2.8	2.4	2.7	2.3	2.1	2.7	2.3	2.1	2.1	2.0
50.0	5.2	5.4	5.4	5.1	5.1	5.1	3.0	2.7	2.4	3.0	2.7	2.4	2.6	2.3	2.1	2.6	2.3	2.1	2.0	1.9
52.0	4.7	4.9	5.0	4.8	4.8	4.8	2.9	2.6	2.3	2.9	2.6	2.3	2.6	2.2	2.0	2.6	2.2	2.0	2.0	1.9
54.0	4.4	4.5	4.5	4.5	4.5	4.5	2.8	2.5	2.3	2.8	2.5	2.3	2.5	2.2	2.0	2.5	2.2	2.0	2.0	1.9
56.0	4.0	4.1	4.1	4.1	4.1	4.2	2.7	2.4	2.2	2.7	2.4	2.2	2.5	2.1	2.0	2.5	2.1	2.0	1.9	1.8
58.0	3.6	3.7	3.8	3.8	3.8	3.8	2.6	2.3	2.2	2.6	2.3	2.2	2.4	2.1	1.9	2.4	2.1	1.9	1.9	1.8
60.0	3.2	3.3	3.4	3.4	3.5	3.5	2.5	2.3	2.2	2.5	2.3	2.2	2.3	2.0	1.9	2.3	2.0	1.9	1.9	1.8
62.0	2.8	2.9	3.0	3.2	3.3	3.3	2.4	2.2	2.1	2.4	2.2	2.1	2.2	2.0	1.8	2.2	2.0	1.8	1.8	1.7
64.0	2.4	2.5	2.6	2.7	2.8	2.8	2.3	2.2	2.1	2.3	2.2	2.1	2.1	1.9	1.8	2.1	1.9	1.8	1.7	1.6
66.0	2.1	2.2	2.2	2.4	2.5	2.5	2.2	2.2	2.1	2.2	2.1	2.1	2.0	1.9	1.7	2.0	1.9	1.7	1.6	1.5
68.0				2.1	2.2	2.2	2.1	2.1	2.0	2.1	2.0	2.0	1.9	1.8	1.7	1.9	1.8	1.7	1.5	1.4
70.0				1.8	1.9	1.9	1.9	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.8	1.7	1.7	1.4	1.3
72.0							1.7	1.8	1.8	1.7	1.8	1.6	1.6	1.6	1.7	1.6	1.6	1.6		
74.0										1.4	1.5	1.5	1.3	1.4	1.4	1.5	1.5	1.5		
76.0																1.3	1.4	1.4		
78.0																				
80.0																				
82.0																				
84.0																				
86.0																				
Reeving	1																			
Hook	9t																			

Note:
①Telescoping combination of 64.6 m boom length: 3 3 3 3 3 2
②Telescoping combination of 69.2 m boom length: 3 3 3 3 3 3

Main boom length + tip boom



LIFTING HEIGHT CHARTS

Main boom + tip boom

Outriggers completely extended 8.3 m, with 68 t counterweight, over full range													
Working Radius (m)	Main boom length (m)												
	14.0*	18.6	18.6	18.6	18.6	18.6*	23.2	23.2	23.2	23.2	23.2	23.2	23.2*
3.0													
3.5	26.2												
4.0	25.8	23.3	23.5	23.6	23.7	24.3							
4.5	25.2	22.8	23.1	23.2	23.3	23.9							
5.0	24.8	22.4	22.7	22.8	22.9	23.5	22.7	23.0	23.3	23.4	24.0	24.6	
5.5	24.4	22.0	22.3	22.4	22.5	23.1	22.3	22.6	22.9	23.0	23.6	24.2	
6.0	24.0	21.6	21.9	22.0	22.1	22.7	21.9	22.2	22.5	22.6	23.2	23.8	
7.0	23.1	20.9	21.2	21.3	21.4	22.0	21.3	21.6	21.9	22.0	22.6	23.2	
8.0	22.2	20.3	20.6	20.7	20.8	21.4	20.7	21.0	21.3	21.4	22.0	22.6	
9.0	21.4	19.8	20.0	20.1	20.2	20.8	20.1	20.4	20.7	20.8	21.4	22.0	
10.0	20.7	19.3	19.5	19.6	19.7	20.3	19.6	19.9	20.2	20.3	20.9	21.5	
11.0	20.2	18.8	19.0	19.1	19.2	19.8	19.2	19.4	19.7	19.8	20.4	21.0	
12.0	19.7	18.6	18.7	18.8	18.9	19.5	18.8	19.1	19.4	19.5	20.1	20.7	
14.0	19.0	17.9	18.0	18.1	18.2	18.8	17.7	18.4	18.6	18.7	19.3	19.9	
16.0		17.4	17.6	17.7	17.8	18.4	16.9	16.5	18.1	18.2	18.8	19.4	
18.0		17.1	17.2	17.3	17.4	18.0	16.3	15.2	17.7	17.8	18.4	19.0	
20.0							15.8	14.0	17.5	17.6	18.2	18.8	
22.0							15.3	12.9	17.3	17.4	18.0	18.6	
24.0													
26.0													
28.0													
30.0													
32.0													
34.0													
36.0													
38.0													
40.0													
42.0													
44.0													
46.0													
48.0													
50.0													
52.0													
54.0													
56.0													
58.0													
60.0													
62.0													
64.0													
66.0													
68.0													
70.0													
Reeving Hook	3	3					3						
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	1	2
	II	1	1	1	1	1	2	1	1	1	1	2	2
	III	1	1	1	1	2	1	1	1	1	2	2	1
	IV	1	1	1	2	1	1	1	2	2	1	1	
	V	1	1	2	1	1	1	1	2	2	1	1	1
	VI	1	2	1	1	1	1	3	2	1	1	1	1

Unit: t

Outriggers completely extended 8.3 m, with 68 t counterweight, over full range															
Working Radius (m)	Main boom length (m)														
	27.8	27.8	27.8	27.8	27.8	27.8*	32.4	32.4	32.4	32.4	32.4	32.4	32.4*		
3.0															
3.5															
4.0															
4.5															
5.0															
5.5	21.0	21.1	22.8	23.1	23.8	24.6									
6.0	20.1	20.2	22.5	22.9	23.6	24.2									
7.0	18.5	18.5	21.9	22.3	23.0	23.6	17.0	19.4	22.0	22.2	23.1	23.8			
8.0	17.1	17.1	21.4	21.8	22.5	23.1	15.7	18.1	21.7	21.8	22.7	23.4			
9.0	15.9	15.9	21.0	21.3	22.0	22.6	14.6	17.0	21.2	21.4	22.3	22.9			
10.0	14.8	14.8	20.6	20.9	21.6	22.2	13.6	16.0	20.6	21.0	21.9	22.5			
11.0	13.9	13.9	20.1	20.5	21.1	21.7	12.7	15.0	19.3	20.6	21.5	22.1			
12.0	13.1	13.1	19.8	20.2	20.8	21.4	11.9	14.2	18.1	20.2	21.1	21.7			
14.0	11.7	11.6	19.1	19.4	20.0	20.6	10.6	12.7	16.1	19.6	20.4	21.0			
16.0	10.5	10.4	18.6	18.9	19.5	20.1	9.5	11.4	14.5	19.1	19.9	20.5			
18.0	9.6	9.5	17.1	18.4	19.0	19.6	8.6	10.4	13.2	18.6	19.4	20.0			
20.0	8.8	8.7	15.8	18.0	18.6	19.2	7.8	9.4	12.0	17.5	19.0	19.6			
22.0	8.0	7.9	14.7	17.7	18.4	19.0	7.1	8.6	11.0	16.3	18.7	19.3			
24.0	7.3	7.2	13.6	17.4	18.1	18.5	6.5	7.9	10.1	15.3	18.4	19.0			
26.0	6.7	6.6	12.7	17.2	17.2	17.0	5.9	7.3	9.3	14.3	17.9	17.2			
28.0							5.4	6.7	8.6	13.4	16.3	15.0			
30.0							5.0	6.2	7.9	12.5	14.5	13.3			
32.0															
34.0															
36.0															
38.0															
40.0															
42.0															
44.0															
46.0															
48.0															
50.0															
52.0															
54.0															
56.0															
58.0															
60.0															
62.0															
64.0															
66.0															
68.0															
70.0															
Reeving Hook	3					3									
Telescoping mode	I	1	1	1	1	1	2	1	1	1	1	1	1	2	
	II	1	1	1	1	2	2	1	1	1	1	2	2		
	III	1	1	1	2	2	2	1	1	1	2	2	2		
	IV	1	1	2	2	2	1	1	2	3	2	2	2		
	V	2	3	2	2	1	1	3	3	2	2	2	1		
	VI	3	2	2	1	1	1	3	2	2	2	1	1		

Unit: t

LIFTING HEIGHT CHARTS

Main boom + tip boom

Outriggers completely extended 8.3 m, with 68 t counterweight, over full range													
Working Radius (m)	Main boom length (m)												
	37.0	37.0	37.0	37.0	37.0	37.0*	41.6	41.6	41.6	41.6	41.6	41.6*	
3.0													
3.5													
4.0													
4.5													
5.0													
5.5													
6.0													
7.0													
8.0	16.2	18.6	21.4	21.6	22.3	23.5							
9.0	15.2	17.6	21.1	21.3	22.0	23.1	15.7	18.1	21.0	21.8	22.5	22.6	
10.0	14.3	16.6	20.8	21.0	21.7	22.7	14.9	17.2	20.7	21.5	22.2	22.3	
11.0	13.5	15.8	19.8	20.7	21.4	22.3	14.1	16.4	20.4	21.2	21.9	22.0	
12.0	12.8	15.0	18.6	20.4	21.1	22.0	13.3	15.6	19.5	20.9	21.6	21.7	
14.0	11.3	13.5	16.5	19.8	20.5	21.4	12.0	14.3	17.5	20.4	21.1	21.2	
16.0	10.2	12.3	14.8	18.4	19.9	20.8	11.0	13.2	16.0	19.1	19.7	20.7	
18.0	9.4	11.3	13.5	16.8	19.4	20.3	10.1	12.1	14.6	17.3	17.9	20.3	
20.0	8.6	10.3	12.3	15.3	19.0	19.9	9.3	11.2	13.4	15.8	16.3	19.9	
22.0	7.9	9.5	11.3	14.1	18.2	19.6	8.6	10.4	12.4	14.5	14.9	19.6	
24.0	7.3	8.8	10.4	13.0	17.2	19.4	8.0	9.6	11.5	13.4	13.7	19.0	
26.0	6.7	8.2	9.6	11.9	16.1	17.6	7.4	8.8	10.6	12.3	12.6	18.1	
28.0	6.1	7.6	8.8	11.0	15.2	15.7	6.8	8.1	9.8	11.3	11.6	16.2	
30.0	5.6	7.0	8.1	10.1	14.3	14.0	6.2	7.4	9.1	10.4	10.7	14.5	
32.0	5.2	6.5	7.4	9.3	13.0	12.5	5.8	6.8	8.5	9.6	9.8	13.0	
34.0	4.8	6.1	6.9	8.7	12.0	11.1	5.4	6.3	7.9	8.8	9.0	11.7	
36.0							5.0	5.8	7.3	8.1	8.3	10.5	
38.0							4.7	5.4	6.8	7.5	7.7	9.5	
40.0													
42.0													
44.0													
46.0													
48.0													
50.0													
52.0													
54.0													
56.0													
58.0													
60.0													
62.0													
64.0													
66.0													
68.0													
70.0													
Reeving	3						3						
Hook	25t												
Telescoping mode	I	1	1	1	1	1	2	1	1	1	1	1	2
	II	1	1	1	1	2	2	1	1	1	2	3	2
	III	1	1	2	3	2	2	1	2	3	3	2	2
	IV	2	3	3	2	2	2	3	3	3	2	2	2
	V	3	3	2	2	2	2	3	3	2	2	2	2
	VI	3	2	2	2	2	1	3	2	2	2	2	2

LIFTING HEIGHT CHARTS

Main boom + tip boom

Unit: t

Outriggers completely extended 8.3 m, with 68 t counterweight, over full range												
Working Radius (m)	Main boom length (m)											
	55.4	55.4	55.4	55.4*	60.0	60.0	60.0*	64.6	64.6*	69.2*	75.0*	
3.0												
3.5												
4.0												
4.5												
5.0												
5.5												
6.0												
7.0												
8.0												
9.0												
10.0												
11.0												
12.0												
14.0	12.8	15.3	18.2	18.6	12.6	14.9	16.5					
16.0	12.1	14.6	17.4	17.9	12.0	14.3	16.0	11.4	13.2			
18.0	11.4	13.9	16.3	17.3	11.4	13.7	15.7	11.1	13.0	10.0		
20.0	10.7	13.2	15.2	16.8	10.8	13.1	15.1	10.8	12.7	9.9	8.0	
22.0	10.1	12.4	14.1	15.6	10.3	12.5	14.1	10.5	12.4	9.8	7.9	
24.0	9.6	11.5	13.0	14.6	9.8	11.9	13.2	10.2	12.1	9.7	7.8	
26.0	9.1	10.6	12.1	13.7	9.4	11.3	12.4	9.9	11.7	9.6	7.7	
28.0	8.7	9.8	11.2	12.8	9.0	10.6	11.7	9.6	11.1	9.5	7.6	
30.0	8.3	9.1	10.4	12.0	8.6	9.9	11.0	9.3	10.5	9.1	7.5	
32.0	7.9	8.5	9.7	11.3	8.2	9.2	10.3	8.9	9.9	8.8	7.4	
34.0	7.5	7.9	9.1	10.7	7.7	8.6	9.7	8.5	9.3	8.5	7.3	
36.0	7.1	7.3	8.5	9.9	7.2	8.1	9.2	8.0	8.8	8.1	7.2	
38.0	6.7	6.7	7.9	8.9	6.7	7.6	8.7	7.5	8.3	7.7	6.9	
40.0	6.3	6.2	7.3	8.1	6.2	7.1	8.1	7.0	7.8	7.3	6.6	
42.0	5.9	5.7	6.7	7.2	5.8	6.6	7.3	6.5	7.3	6.9	6.3	
44.0	5.5	5.2	6.2	6.5	5.4	6.2	6.7	6.1	6.8	6.5	6.0	
46.0	5.1	4.8	5.7	5.8	5.0	5.8	6.1	5.7	6.2	6.2	5.7	
48.0	4.7	4.4	5.3	5.1	4.6	5.4	5.5	5.3	5.6	5.9	5.4	
50.0	4.3	4.0	4.7	4.6	4.2	5.0	4.9	4.9	5.2	5.5	5.1	
52.0	4.0	3.7	4.2	4.0	3.9	4.6	4.3	4.6	4.6	4.9	4.8	
54.0					3.6	4.2	3.8	4.3	4.1	4.4	4.4	
56.0					3.3	3.7	3.4	4.0	3.7	4.0	4.0	
58.0								3.7	3.3	3.7	3.5	
60.0								3.3	2.9	3.4	3.1	
62.0										3.0	2.6	
64.0										2.6	2.3	
66.0											2.3	
68.0											2.0	
70.0											1.7	
Reeving	3			2			2			2	1	
Hook	25t				2				25t			
Telescoping mode	I	1	1	2	3	1	2	3	2	3	3	4
	II	2	3	3	3	3	3	3	3	3	3	4
	III	3	3	3	3	3	3	3	3	3	3	4
	IV	3	3	3	2	3	3	3	3	3	3	4
	V	3	3	2	2	3	3	2	3	3	3	4
	VI	3	2	2	2	3	2	2	3	2	3	4

TECHNICAL SPECIFICATIONS



Crane Superstructure

Main boom	The box-shaped main boom consists of 7 oval boom sections made of low-alloy and high-strength steel plate, providing the boom with excellent bending-resistance capacity, super load bearing capacity, light deadweight, large lateral stiffness and small end deflection.
Jib	It consists of two jib sections. Jib offset: 0 , 15 or 30°. The jib adaptor can be used as a tip boom individually. The extension can be used with the main boom as well as the jib together.
Jib length	Jib section 1: 10.4 m Jib section 1 + jib section 2: 17.5 m. Extension (optional): 8 m per section, two sections for options.
Slewing table	Rigid steel construction welded from high-tensile structural steel (homemade 960 and HG785, etc.), providing superior load bearing capacity. The optimized arrangement of 3 articulated points, making the slewing table in a novel.
Rooster sheave	It is inserted at the boom head of telescopic boom section 5 during short distance transition. This option is set up for rapid hoists over the boom head to improve the work efficiency when the loads are light. The rooster sheave cannot be attached with the vehicle during driving.
Derricking gear	One hydraulic cylinder with balancing valve, providing the boom with smooth derricking movements from -0.5° to 82°.
Slewing gear	Dual slewing gears, consisting of hydraulic motor and planetary reducer.
Hoist gear	Hydraulic motor + planetary reducer. Both main winch and auxiliary winch are driven by variable motors. The main and auxiliary winches can be operated independently or simultaneously. Diameter of hoist rope: 20 mm. Strength grade: 1960 N/mm2. Length of main hoist rope: 395 m. Length of auxiliary hoist rope: 220 m. Auxiliary hoist gear and auxiliary hoist rope are available for options.
Main and auxiliary hooks	There are five kinds of main hook: 9 tons, 25 tons, 70 tons, 110 tons and 130 tons. Standard configuration: 130 tons ramshorn hook, 70 tons straight shank hook with one point and 9 tons straight shank hook with one point. Options: 110 tons ramshorn hook, 70 tons ramshorn hook and 25 tons straight shank hook with one point. The 9 tons rotatable auxiliary hook (1 reeving) is with hook latch.
Operator's cab	Operator's cab in steel construction, with broad vision. Interior of modern design for convenient and comfortable operation. Adjustable dual-rail spring-mounted and hydraulically cushioned operator's seat is suitable for any operator height or size. Ergonomically arranged control console and joysticks can relieve operator's fatigue. The cab can be tilted for 0-20° to improve operator's field of vision. It is equipped with air conditioning and cab heater. It is also equipped with a windshield wiper and washer.
Counterweight	Underslung self-handled multivariable counterweight system in a total weight of 68 t. Counterweight variants of 0 t, 12 t, 24 t, 36 t, 48 t and 68 t, thus for a considerable application spectrum. Movable counterweight plates can be assembled and disassembled by the counterweight handler on the tail of slewing table.

TECHNICAL SPECIFICATIONS



Crane Carrier

Chassis frame	Made by ZOOMLION with high-tensile steel plate.
Outrigger	H-type outriggers, hydraulically extendable into horizontal and vertical directions.
Engine	Model: WP12.460E62 Optional: Model: WP12.460E50. Type: water-cooled 6-cylinder in-line diesel, 4-stroke turbo-charged, inter-cooled. Cylinder diameter: 126 mm. Piston stroke: 155 mm. Displacement: 11.596 L. Rated power / RPM: 338 kW at 1900 r/min. Max. output torque / RPM: 2200 N.m at 1000 - 1400 r/min.
Transmission and its controls	12JSD220A + QH100 automatic transmission, manufactured by Shaanxi FAST Auto Drive Co., Ltd.
Transfer case	Single stage transfer case with stand-by steering pump, manufactured by Zhuzhou Gear Co., Ltd.
Propeller shaft	7 propeller shaft assy., transferring the torque via the contrate gear flange. The transmission propeller shaft taking the power and the propeller shaft of chassis oil pump don't have the contrate gear.
Axles	With hub brake. All axles steer. Axles 2, 4 and 5 are steer and drive axles. Axles 1 and 3 are steer and driven axles.Axle load: 13 tons, Luzhou Kishiler. Drive type: 10 × 6.
Wheels and tires	Tubeless tire. Tire size: 385/95R25, tire pressure: 1 MPa, rim type: 9.5 – 25.
Steering system	All-wheel variable steering system with 6 steering programs.
Suspension	All axles with hydro-pneumatic suspension and automatic leveling systemLoad equalization between the axle pairs.
Brake system	It consists of service brake, parking brake (emergency brake) and auxiliary brake. Service brake: dual-circuit air brake system, acting on 10 disc brakes. Parking brake (Emergency brake): spring-loaded brake, acting on 6 disc brakes. Auxiliary brake: engine exhaust brake.
Electrical system	The chassis adopts two N200 batteries which are series connected (the rated voltage of each battery is 12 V). The electrical system is single-wired. The negative pole is earthed via the battery master switch to form a circuit with 24 V output voltage.

MAIN TECHNICAL PARAMETERS

Item			Value	Remarks
Working performance	Max. rated lifting capacity	kg	200000	Radius: 3 m
	Max. load moment of basic boom	kN.m	5880	Radius: 8 m
	Max. load moment of main boom (fully extended)	kN.m	2470	Radius: 40 m
	Max. lifting height of basic boom	m	14,0	These parameters do not include deflection of boom and jib.
	Max. lifting height of main boom	m	75	
	Max. lifting height of jib	m	103	
Working speeds	Max. hoist rope speed (Main winch)	m/min	135	At the 5th layer
	Max. hoist rope speed (Auxiliary winch)	m/min	120	At the 3rd layer
	Boom derricking up time	s	70	
	Boom extending time	s	650	
	Max. slewing speed	r/min	1.5	
Driving	Max. operation altitude	m	2000	
	Max. driving speed	km/h	80	
	Max. gradeability	%	45	
	Min. turning diameter	m	20,4	
	Min. ground clearance	mm	360	
	Limits for exhaust pollutants and smoke		Conform to related standard	GB3847-2018 GB17691-2018 (National stage VI)
	Oil consumption per hundred kilometer	L	73	
Mass	Deadweight in driving condition	kg	60000	Driving conditions: without hooks, CWTs, jibs, tip boom, main winch and auxiliary winch, flexible outriggers
	Complete vehicle kerb mass	kg	59805	
	Axle load (axles I and II)	kg	12000/12000	
	Axle load (axles III, IV and V)	kg	12000/12000/12000	
Dimension	Overall dimensions (L xW xH)	mm	16550 x3000 x4000	
	Outrigger spread (L)	m	9.23	
	Outrigger spread (W)	m	Completely extended: 8.3 m; intermediate extended: 5.5 m	
	Main boom length	m	13,0 - 75	
	Boom angle	°	-0,5 - 82	
	Jib length	m	10,4, 17,5	
	Jib length with extension	m	25,5, 33,5	Optional
	Offset	°	0, 15, 30	