

ZOOMLION

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ZOOMLION TRUCK CRANE

ZTC1500H



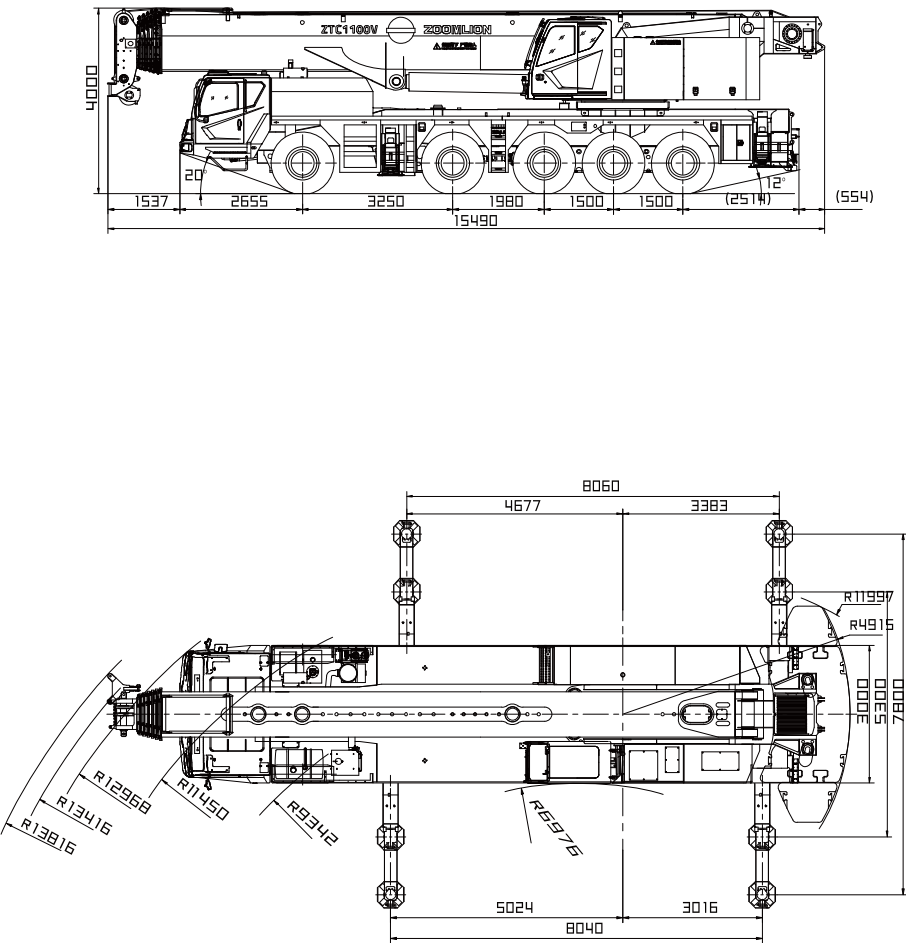
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PRODUCTS

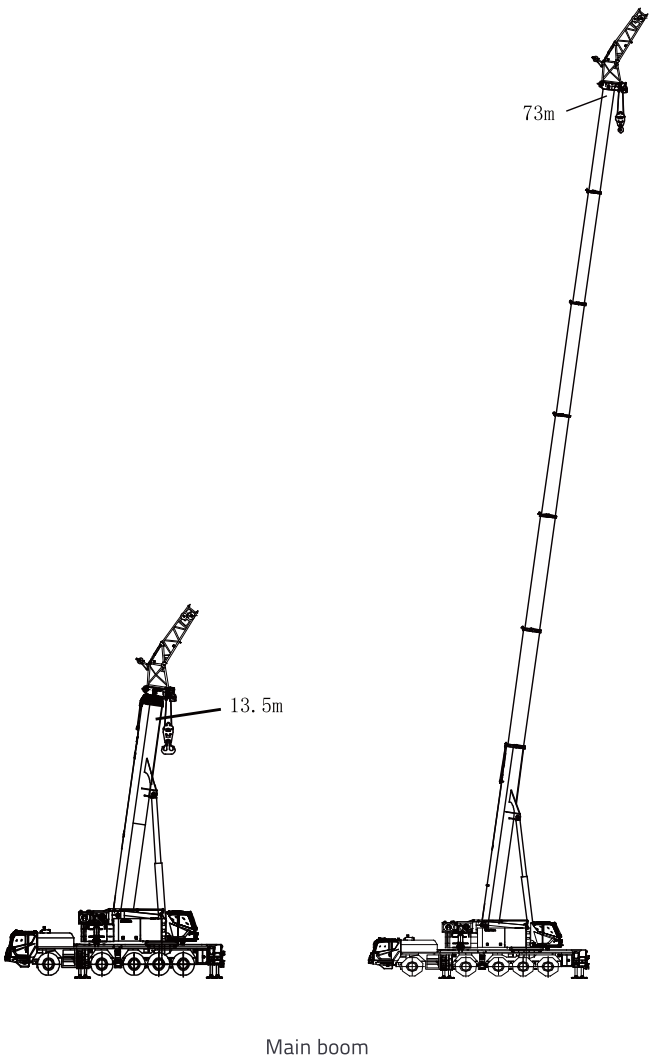
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CRANE DIMENSIONS



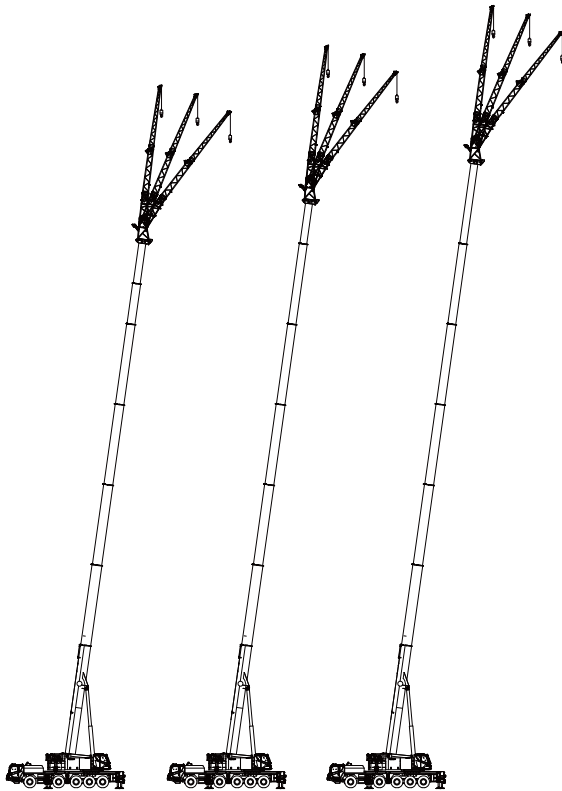
BOOM / JIBS COMBINATION



BOOM / JIBS COMBINATION



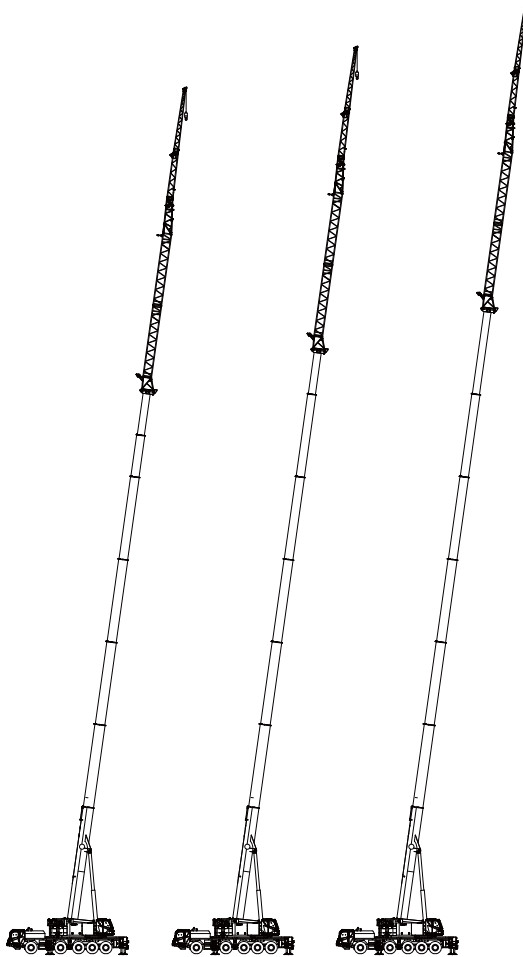
Main boom + 10.4m jibs



Main boom + 17.5m jibs



Main boom + 25.5m jibs



Main boom + 33.5m jibs

BOOM / JIBS COMBINATION

CRANE AND COMPONENT WEIGHTS

 Axle	1	2	3	4	5	Total weight
T	10980	10980	10980	10980	10980	54900

 Hook Detailed Description				
Hook Load T	No. of Sheaves	No. of Lines	Weight Kg	Remark
110(anchor)	7	14	1200	optional
90(anchor)	7	14	1080	standard
70(anchor)	5	10	910	optional
55	4	8	750	standard
25	1	3	580	optional
9	0	1	310	Standard

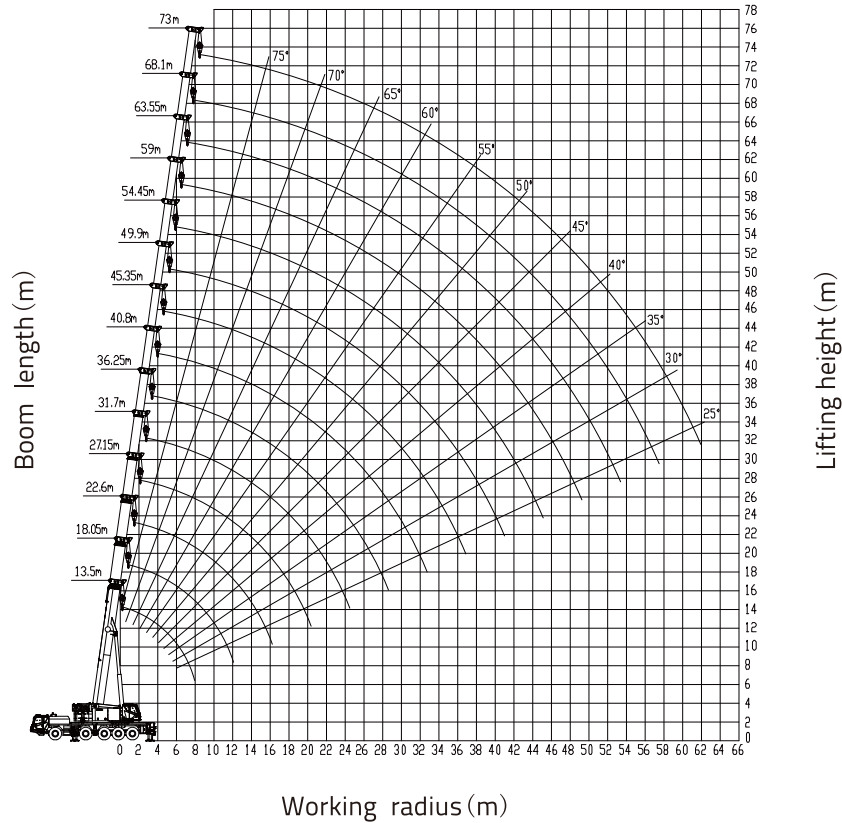
 Working speed			
	 (km/h) MAX.		
385/95R24	80	45	12/ R2

Drive	Operation Speed	Rope diameter/length	Max. single line pull
	135m/min	Φ 20mm/330m	9000Kg
	120m/min	Φ 19mm/220m	8600Kg
	0 ~ 1.5r/min		
	65/80s		
	630/480s		

CRANE AND COMPONENT WEIGHTS

Counterweight						
Counterweight	Size(L*W*H) mm	Weight T	10T	24T	32T	45T
A	2940×1944×1010	10	1	1	1	1
B	2940×1944×455	14	/	1	1	1
C	2940×1944×265	8	/	/	1	1
D	1225×555×1020	6.5	/	/	/	1
E	1225×555×1020	6.5	/	/	/	1

LIFTING HEIGHT CURVE



LIFTING CAPACITY TABLES

Outriggers fully extended (7.8 m), with 45 tons counterweight, over sides and rear													
Working Radius (m)	Main boom length (m)												
	13.5★	18.05	18.05	18.05	18.05	18.05★	22.6	22.6	22.6	22.6	22.6★	22.6	
3.0	110*	33.0	46.0	65.0	90	100*	25.0	38.0	46	65.0	90.0	88.0	
3.5	105*	33.0	45.0	65.0	90	95*	24.0	37.0	45.0	64.0	87.0	85.0	
4.0	100*	31.5	44.0	63.0	86	90	22.0	35.0	42.5	61.0	83.0	80.0	
4.5	96*	30.0	42.5	61.0	83	85	21.0	33.0	40.0	57.0	78.0	75.0	
5.0	92*	28.5	41.0	59.0	80.0	80	20.0	32.0	38.0	54.0	73.0	70.0	
5.5	86	27.0	39.0	58.0	74.5	75	19.0	30.5	37.0	51.0	69.0	65.0	
6.0	80	26.0	37.0	56.5	70.5	71	18.0	29.5	36.0	49.0	65.0	61.0	
7.0	67	24.0	35.0	52.0	64.0	66	16.5	27.5	34.0	44.0	60.0	56.0	
8.0	58	22.5	33.0	47.5	58.0	58	15.0	25.5	32.5	41.0	54.0	49.0	
9.0	50	21.0	31.0	44.0	52.5	50	14.0	24.0	31.0	39.0	50.0	46.0	
10.0		20.0	29.0	42.0	46.0	44	13.0	22.5	29.0	34.5	44.0	43.0	
11.0		18.5	28.0	38.0	41.5	40	12.0	21.5	27.5	32.0	40.5	40.0	
12.0		17.5	27.0	34.5	35.0	35.5	11.5	20.5	26.0	30.0	35.0	35.0	
14.0							10.0	18.5	24.0	26.5	28.0	27.0	
16.0							9.0	16.5	23.0	23.5	22.5	21.5	
18.0													
Reeving	14	14					12						
Hook		90t											
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	1	2
	II	1	1	1	1	2	1	1	1	1	2	2	2
	III	1	1	1	2	1	1	1	1	2	2	2	1
	IV	1	1	2	1	1	1	1	2	2	1	1	1
	V	1	2	1	1	1	1	2	2	1	1	1	1
	VI	2	1	1	1	1	3	2	1	1	1	1	1

Outriggers fully extended (7.8 m), with 45 tons counterweight, over sides and rear													
Working Radius (m)	Main boom length (m)												
	27,15	27,15	27,15	27,15	27,15	27,15★	31,7	31,7	31,7	31,7	31,7	31,7★	
3,5	24,0	28,0	37,0	46,0	65,0	75,0							
4,0	23,5	27,5	36,0	46,0	65,0	75,0							
4,5	22,5	26,0	34,5	45,0	63,0	75,0							
5,0	21,5	24,5	33,5	44,0	60,0	70,0	21,0	26,0	22,5	34,0	45,0	65,0	
5,5	20,5	23,0	32,0	43,0	57,5	66,0	20,0	24,5	21,5	33,0	43,0	62,5	
6,0	20,0	22,0	31,0	41,0	55,0	64,0	19,0	23,5	20,0	32,0	42,0	60	
7,0	18,0	20,0	29,0	37,0	50,0	59,0	17,0	21,5	18,5	30,0	41,0	57	
8,0	16,5	18,0	27,5	34,0	46,5	54,0	16,0	20,0	17,0	28,5	39,0	53	
9,0	15,5	17,0	25,5	31,5	43,0	50,0	14,5	18,5	15,5	27,0	36,0	49	
10,0	14,5	15,5	24,5	29,0	40,0	44,0	13,5	17,0	14,0	25,5	33,0	43	
11,0	13,5	14,5	23,0	27,0	37,5	39,0	12,5	16,0	13,0	24,5	31,0	39	
12,0	13,0	13,5	22,0	25,5	34,0	35,5	11,5	15,0	12,0	23,0	29,0	35,5	
14,0	11,5	12,0	20,0	22,5	29,0	28,5	10,0	13,5	10,5	20,5	26,0	28,5	
16,0	10,5	10,5	18,5	20,0	23,5	23,0	9,0	12,0	9,5	18,0	22,5	23,5	
18,0	9,5	9,5	17,0	18,0	19,5	19,0	8,0	11,0	8,5	16,5	20,0	18,5	
20,0	8,5	8,5	15,5	16,0	16,5	15,5	7,5	10,0	7,7	15,0	17,5	16,5	
22,0							7,0	9,2	7,0	14,0	15,0	14	
24,0							6,5	8,5	6,5	13,0	13,0	12	
Reeving	10						8						
Hook	90t												
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

LIFTING CAPACITY TABLES

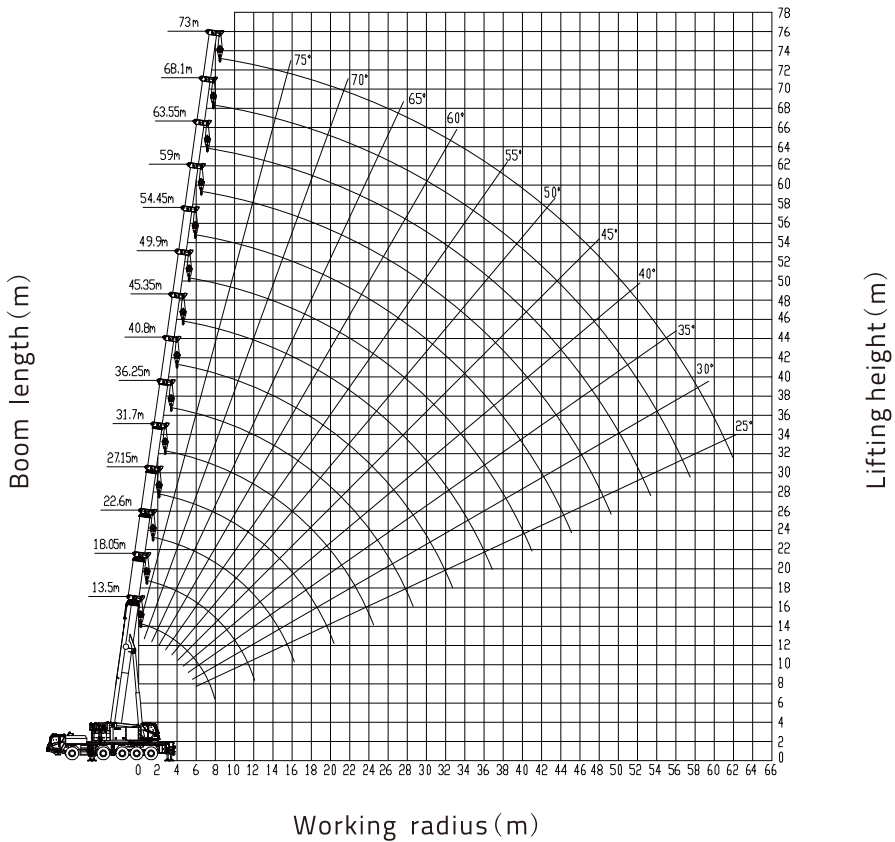
Outriggers fully extended (7.8 m), with 45 tons counterweight, over sides and rear													
Radius (m)	Main boom length (m)												
	36,25	36,25	36,25	36,25	36,25	36,25★	40,8	40,8	40,8	40,8	40,8	40,8★	
6.0	19.0	18,5	22.0	27.5	32.0	46.0							
7.0	18.0	17.0	20,5	25.0	31.0	46.0	16.0	18.0	21.5	25.0	32.5	38.0	
8.0	16,5	15.5	18,5	23.0	30.0	46.0	14.5	16.5	20.0	23.0	30.0	38.0	
9.0	15.5	14.0	17.0	21.0	29.0	44.0	13.0	15.2	18.5	21.0	27.5	37.5	
10.0	14.5	13.0	16.0	19.5	28.0	42.5	12.0	14.0	17.2	19.5	25.5	37.0	
11.0	13.5	12.0	15.0	18.0	27.0	39.5	11.0	13.0	16.0	18.0	24.0	36.0	
12.0	12.5	11.0	14.0	17.0	25.0	35.0	10.5	12.5	15.0	17.0	22.0	35.0	
14.0	11.0	9.5	12.3	14.5	23.0	29.0	9.0	11.0	13.5	15.0	19.0	30.0	
16.0	10.0	8.5	11.0	13.0	21.0	24.0	8.0	9.5	12.0	13.0	16.8	24.5	
18.0	9.0	7.6	10.0	12.0	19.0	19.5	7.2	8.5	11.0	12.0	15.0	20.5	
20.0	8.0	7.0	9.0	10.5	17.0	17.0	6.5	8.0	9.5	11.0	13.5	17.5	
22.0	7.5	6.5	8.0	9.5	15.5	14.0	6.0	7.0	8.5	10.0	12.5	14.5	
24.0	7.0	6.0	7.5	8.5	13.5	12.0	5.5	6.5	8.0	9.0	11.5	13.0	
26.0	6.5	5.6	7.0	8.0	12.0	10.0	5.0	6.0	7.0	8.0	10.5	11.5	
28.0	6.0	5.0	6.5	7.5	10.5	9.0	4.5	5.5	6.5	7.5	9.5	10.0	
30.0							4.0	5.0	6.0	7.0	8.5	8.9	
32.0							3.5	4.5	5.5	6.5	7.9	7.9	
34.0													
Reeving	6						5						
Hook	55t												
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

Outriggers fully extended (7.8 m), with 45 tons counterweight, over sides and rear														
Radius (m)	Main boom length (m)													
	45,35	45,35	45,35	45,35	45,35	45,35	45,35★	49.9	49.9	49.9	49.9	49.9	49.9★	49.9
9.0	14.0	16.0	20.0	23.0	29.0	32.0	15.0	17.5	21.5	24.0	26.5			
10.0	13.0	15.0	19.0	21.5	27.0	30.0	14.0	16.5	20.0	23.0	26.5			
11.0	12.0	14.0	18.0	20.0	25.0	28.5	13.0	15.5	19.0	21.5	25.0			
12.0	11.5	13.0	16.5	19.0	23.5	27.0	12.0	14.5	18.0	20.0	23.5			
14.0	10.0	12.0	15.0	16.5	20.5	24.0	11.0	13.0	16.0	17.5	21.0			
16.0	9.0	10.5	13.5	15.0	18.2	21.5	10.0	12.0	14.0	15.5	19.2			
18.0	8.0	9.5	12.0	13.0	16.3	19.4	9.0	10.5	12.5	14.0	17.3			
20.0	7.2	8.5	11.0	12.0	14.5	17.5	8.0	9.8	11.3	12.6	15.8			
22.0	6.5	8.0	10.0	11.0	13.2	14.5	7.2	9.0	10.3	11.5	14.3			
24.0	6.0	7.2	9.2	10.0	12.0	12.5	6.5	8.0	9.5	10.6	12.3			
26.0	5.5	6.5	8.0	9.0	11.3	11.0	6.0	7.4	8.8	9.8	11.0			
28.0	5.1	6.0	7.5	8.0	9.8	9.5	5.5	6.9	7.8	9.0	9.6			
30.0	4.7	5.5	7.0	7.5	7.7	8.4	5.2	6.1	7.0	8.3	8.4			
32.0	4.2	5.0	6.5	7.0	7.6	7.4	4.8	5.6	6.5	7.8	7.4			
34.0	3.8	4.7	6.0	6.5	6.7	6.4	4.4	5.2	6.0	7.0	6.4			
36.0	3.6	4.3	5.4	6.2	6.0	5.7	4.0	4.8	5.5	6.0	5.7			
38.0	3.3	3.9	4.8	5.8	5.2	4.8	3.5	4.2	5.0	5.4	4.9			
40.0							3.2	3.9	4.5	4.8	4.2			
42.0							3	3.6	4.0	4.2	3.6			
Reeving	4													
Hook	55t													
Telescoping mode	I	1	1	1	1	2	3	1	1	1	2	3		
	II	1	1	2	3	3	2	1	2	3	3	3		
	III	2	3	3	3	2	2	3	3	3	3	2		
	IV	3	3	3	2	2	2	3	3	3	2	2		
	V	3	3	2	2	2	2	3	3	2	2	2		
	VI	3	2	2	2	2	2	3	2	2	2	2		

LIFTING CAPACITY TABLES

Outriggers fully extended (7.8 m), with 45 tons counterweight, over sides and rear												
Radius (m)	Main boom length (m)											
	54,45	54,45	54,45	54,45★	59	59	59★	63,55	63,55★	68,1★	73★	
12.0	13.0	15.5	19.0	20.5	14.0	15.5	16					
14.0	11.5	14.0	17.0	18.5	12.5	14.0	16	13.5	14.0			
16.0	10.5	13.0	15.0	17.0	11.5	12.8	15.2	12.5	13.2	11	9.2	
18.0	9.5	11.5	13.5	15.5	10.5	11.7	13.8	12.0	12.0	10.5	9	
20.0	9.0	10.5	12.0	14.0	9.5	10.6	12.5	11.0	11.2	10	8.6	
22.0	8.0	9.5	11.0	12.8	8.8	9.7	11.5	10.2	10.4	9.2	8.1	
24.0	7.5	8.5	10.0	11.7	8.0	8.9	10.5	9.5	9.5	8.6	7.7	
26.0	7.0	8.0	9.0	10.6	7.5	8.3	9.7	9.0	9.0	8.1	7.2	
28.0	6.5	7.5	8.2	9.5	7.0	7.7	8.9	8.5	8.2	7.6	6.8	
30.0	6.0	7.0	7.5	8.5	6.5	7.2	8.2	8.0	7.5	7.2	6.2	
32.0	5.5	6.0	7.0	7.5	6.0	6.8	7.4	7.3	7.1	6.7	5.8	
34.0	5.0	5.5	6.5	6.6	5.5	6.4	6.7	6.8	6.6	6	5.3	
36.0	4.7	5.0	6.1	5.7	5.0	5.8	6	6.4	6.1	5.5	5	
38.0	4.3	4.6	5.6	5.0	4.6	5.0	5.2	5.9	5.6	5	4.5	
40.0	3.9	4.2	5.0	4.4	4.3	4.8	4.6	5.4	5.0	4.5	4.1	
42.0	3.6	4.0	4.5	3.8	4.0	4.5	4	5.0	4.5	4.1	3.8	
44.0	3.3	3.6	4.0	3.3	3.7	4.2	3.5	4.7	3.9	4	3.6	
46.0	2.9	3.3	3.5	2.8	3.4	3.7	3	4.3	3.4	3.6	3.3	
48.0					3.2	3.2	2.6	3.5	3.0	3.2	3	
50.0					3.0	2.8	2.2	3.1	2.6	2.8	2.8	
52.0								2.8	2.2	2.5	2.5	
54.0								2.5	1.8	2.2	2.2	
56.0										1.8	1.9	
58.0										1.6	1.6	
60.0											1.3	
Reeving	3				2			2				
Hook	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

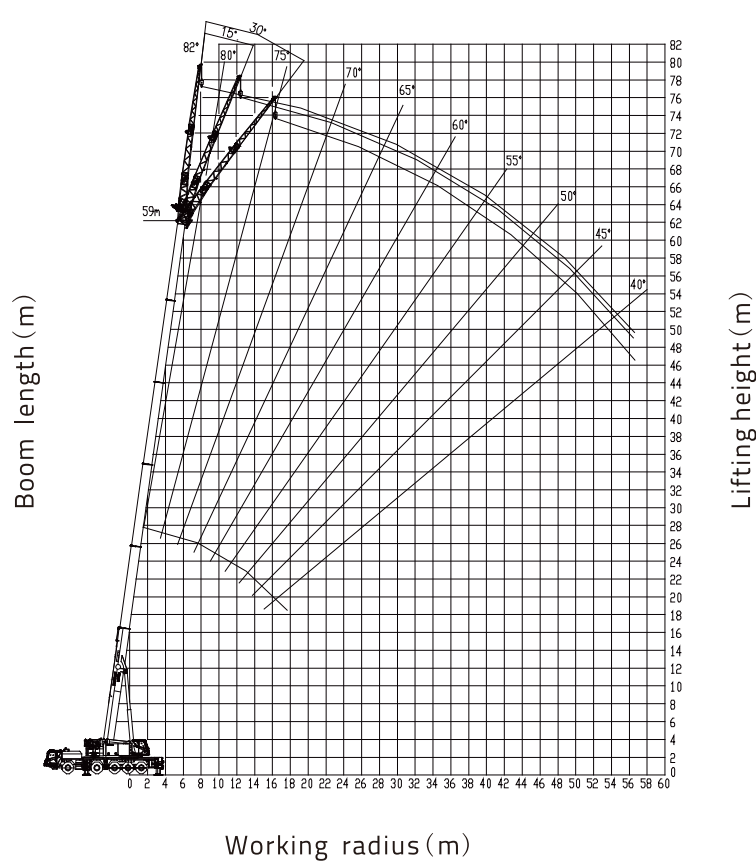
LIFTING HEIGHT CURVE



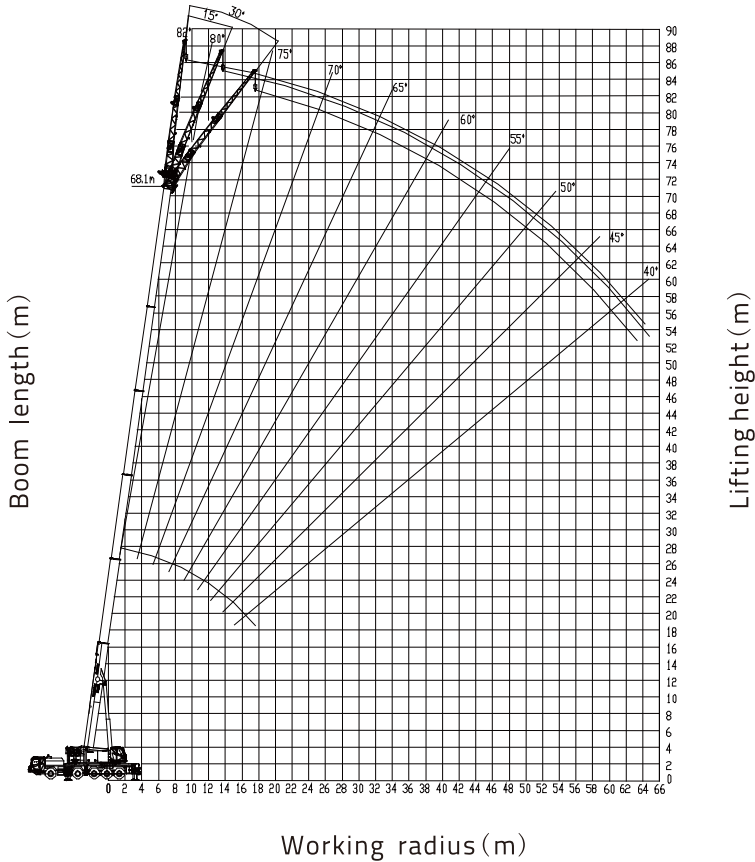
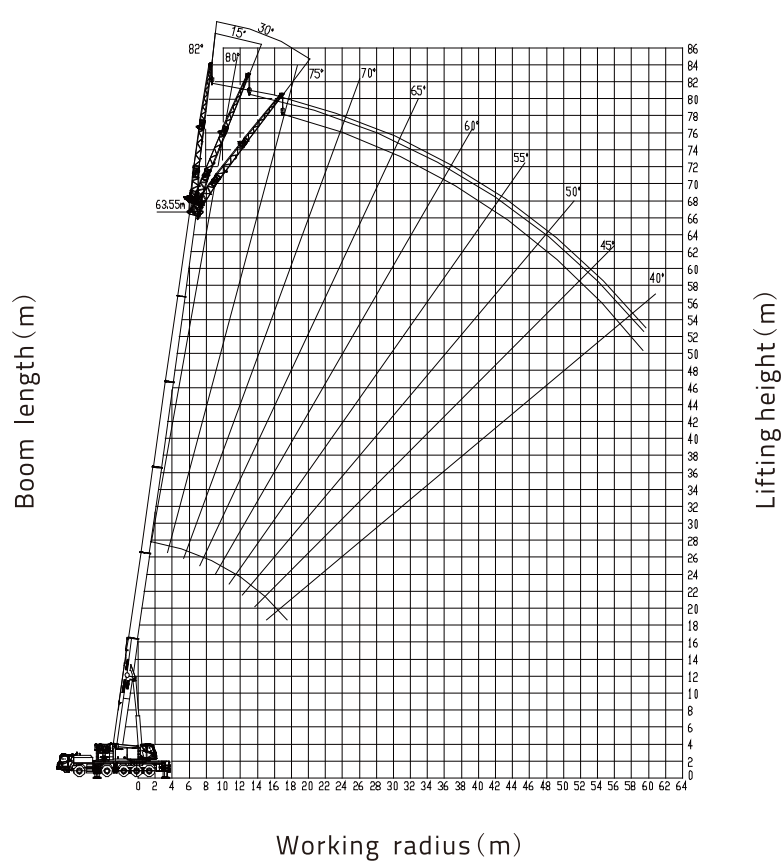
LIFTING CAPACITY TABLES

Radius (m)	Main Boom (m) + jlb (m)								
	Outriggers are fully extended, with 45 tons counterweight, over slides and rear								
	17,5								
	59			63,55			68,1		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
16	4.9								
18	4.5			4.5					
20	4.2	3.5		4.2			3.7		
22	4.0	3.0	2.5	3.9	3.3		3.6		
24	3.8	2.9	2.3	3.7	2.9	2.5	3.5	3.3	
26	3.6	2.9	2.3	3.5	2.7	2.3	3.4	2.8	2.5
28	3.5	2.7	2.2	3.3	2.7	2.2	3.2	2.6	2.3
30	3.2	2.6	2.2	3.1	2.6	2.2	3.0	2.5	2.2
32	3.1	2.5	2.1	3.0	2.5	2.1	2.9	2.4	2.1
34	2.9	2.4	2.1	2.8	2.4	2.1	2.8	2.3	2.0
36	2.8	2.3	2.1	2.7	2.3	2.1	2.6	2.2	2.0
38	2.6	2.3	2.0	2.6	2.2	2.0	2.5	2.1	1.9
40	2.5	2.2	2.0	2.5	2.1	1.9	2.4	2.1	1.9
42	2.4	2.1	1.9	2.4	2.0	1.9	2.3	2.0	1.8
44	2.3	2.0	1.9	2.3	2.0	1.8	2.2	1.9	1.8
46	2.2	2.0	1.8	2.2	1.9	1.8	2.1	1.9	1.7
48	2.1	1.9	1.8	2.1	1.9	1.7	2.1	1.8	1.7
50	2.0	1.8	1.7	2.0	1.8	1.7	2.0	1.7	1.6
52	2.0	1.8	1.7	2.0	1.8	1.6	1.9	1.7	1.6
54	1.8	1.7	1.6	1.9	1.7	1.6	1.8	1.7	1.6
56	1.5	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.5
58	1.3	1.4	1.5	1.4	1.6	1.5	1.5	1.5	1.5
60	1.1	1.2	1.3	1.2	1.3	1.3	1.5	1.4	1.5
62	0.8	0.9	1.0	1.0	1.1	1.1	1.3	1.4	1.4
64					0.9	0.9	1.0	1.1	1.2
66								0.9	1.0
Reeving	1								
Hook	9t								

LIFTING HEIGHT CURVE



LIFTING HEIGHT CURVE



LIFTING CAPACITY TABLES

Outriggers fully extended (7.8 m), with 45 tons counterweight, over sides and rear												
Radius (m)		Tip boom length 4.9 m, boom angle 30°										
		45,35	45,35	45,35	45,35	45,35	45,35★	49,9	49,9	49,9	49,9	49,9★
10.0		12.0	13.0	15.0	20.0	21.5	21.5					
11.0		11.0	12.0	14.0	19.0	21.0	21.0					
12.0		10.0	11.0	13.0	17.0	20.5	20.5	11.0	12.0	14.0	18.0	19.5
14.0		8.6	9.6	12.0	15.0	19.5	19.5	9.8	11.0	13.0	16.0	18.5
16.0		7.8	8.8	11.0	13.5	17.2	18.0	8.8	10.0	12.0	14.5	17.5
18.0		6.8	7.8	10.0	12.0	15.5	17.0	8.0	9.0	11.0	13.0	15.5
20.0		5.8	6.8	9.0	11.0	14.0	15.2	7.0	8.5	10.0	12.0	14.0
22.0		5.4	6.4	8.0	10.0	12.8	14.0	6.5	7.5	9.0	10.5	12.5
24.0		5.0	6.0	7.5	9.0	11.0	11.0	5.8	7.0	8.5	9.5	11.5
26.0		4.5	5.5	6.8	8.0	10.0	10.0	5.3	6.5	7.7	9.0	10.5
28.0		4.0	5.0	6.0	7.5	9.5	9.8	4.8	6.0	7.0	8.5	9.5
30.0		3.7	4.7	5.5	7.0	7.5	8.5	4.4	5.5	6.2	7.8	8.3
32.0		3.4	4.4	5.0	6.5	7.0	7.5	4.0	5.0	5.9	7.0	7.2
34.0		3.1	4.0	4.7	6.0	6.5	6.5	3.6	4.6	5.5	6.0	6.4
36.0		2.9	3.7	4.4	5.7	5.6	5.6	3.3	4.2	5.0	5.6	5.7
38.0		2.7	3.4	4.1	5.2	4.8	4.8	3.0	3.8	4.5	5.0	5.0
40.0								2.8	3.5	4.1	4.3	4.3
42.0								2.6	3.1	3.7	3.8	3.8
Reeving		3										
Hook		25t										
Telescoping mode	I	1	1	1	1	2	3	1	1	1	2	3
	II	1	1	2	3	3	2	1	2	3	3	3
	III	2	3	3	3	2	2	3	3	3	3	2
	IV	3	3	3	2	2	2	3	3	3	2	2
	V	3	3	2	2	2	2	3	3	2	2	2
	VI	3	2	2	2	2	2	3	2	2	2	2

LIFTING CAPACITY TABLES

Outriggers fully extended (7.8 m), with 45 tons counterweight, over sides and rear													
Radius (m)	Tip boom length 4.9 m, boom angle 30°												
	54,45	54,45	54,45	54,45★	59	59	59★	63,55	63,55★	68,1★	73★		
14,0	10,0	11,5	13,5	16,0									
16,0	9,0	10,5	12,5	14,5	10,0	11,0	12,0						
18,0	8,3	9,5	11,5	13,5	9,0	10,0	11,5	9,0	10,0	8,0			
20,0	7,5	9,0	10,5	12,0	8,0	9,0	11,0	8,0	9,0	7,6	6,0		
22,0	6,7	8,0	9,5	11,0	7,5	8,5	10,0	7,5	8,5	7,3	6,0		
24,0	6,3	7,5	9,0	10,5	7,0	8,0	9,0	7,0	8,0	7,0	6,0		
26,0	5,9	6,7	8,2	9,5	6,5	7,5	8,5	6,8	7,5	6,5	6,0		
28,0	5,4	6,0	7,5	9,0	6,0	7,0	8,0	6,4	7,0	5,8	5,5		
30,0	5,0	5,7	7,0	8,3	5,4	6,5	7,5	5,8	6,8	5,4	5,1		
32,0	4,5	5,4	6,4	7,5	5,0	6,0	7,0	5,4	6,0	5,1	4,8		
34,0	4,1	5,1	6,0	6,5	4,5	5,5	6,5	5,0	5,7	4,8	4,5		
36,0	3,8	4,7	5,5	5,6	4,2	5,2	5,8	4,6	5,4	4,5	4,2		
38,0	3,5	4,2	5,0	5,0	3,9	4,7	5,2	4,3	5,0	4,2	3,9		
40,0	3,2	3,8	4,5	4,5	3,6	4,4	4,6	4,0	4,5	4,0	3,7		
42,0	3,0	3,4	4,0	3,9	3,3	4,0	4,0	3,7	4,0	3,7	3,4		
44,0	2,7	3,1	3,5	3,3	3,0	3,6	3,6	3,4	3,8	3,4	3,1		
46,0	2,4	2,8	3,0	2,8	2,8	3,2	3,1	3,1	3,3	3,2	2,9		
48,0					2,5	3,0	2,6	2,8	2,8	3,0	2,7		
50,0					2,3	2,6	2,2	2,6	2,5	2,8	2,8		
52,0								2,3	2,1	2,4	2,4		
54,0								2,0	1,8	2,1	2,1		
56,0										1,7	1,7		
58,0										1,5	1,5		
60,0											0,9		
Reeving	2												
Hook	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	7 section oval-shaped single cylinder pinning telescoping boom, made of high-tensile steel plate (1100MPa). Main boom length: 13.5~73.0m.
Jib	Two section standard jibs, 10.4m, 17.5m, offset 0°, 15°, 30°. Jib connector can work individually as tip boom. Optional jib extension 8m can be chosen. 2 sections jib extensions can be equipped with standard jibs; total jib length reaches 33.5m.
Slewing gear	Dual slewing gears with hydraulic fixed displacement motor, planetary reducer and slewing bearing. Free slewing function and cushion valve enables smooth slewing operation.
Hoisting gear	Main winch and auxiliary winch can either operate separately, or work simultaneously. Main winch various displacement motor, while auxiliary winch uses fixed displacement motor. Wire rope diameter □20mm. Auxiliary winch and wire ropes are optional.
Hydraulic system	Electronic and hydraulic proportional control system with better mirco-position movement and compound movements. Hydraulic tank 1200 liters.
Electrical system	DC 24V, modular design, CAN BUS technology, 10.4 inch big display and LMI system can monitor the crane status.
Engine	WEICHAI WP6G210E330, max. output power 154kW / 2200r/min, max. torque 900Nm / 1200r/min - 1800r/min
Operator's cab	New cab with spacious room and man-machine friendly layout offers a comfortable operating experience. AC and heater. Can be tiltable up to 20°.
Safety devices	LMI, limit switch, relief valve, emergency stop button etc.
Counterweight	Total 45T counterweight ballasting system can be self-assemble or disassembled without extra assistant crane. Counterweight combinations: 0T, 10T, 24T, 32T and 45T.
Lubrication	Automobile lubrication system for major movement.

 Crane Carrier	
Chassis frame	Made by ZOOMLION with high-tensile steel plate.
Outrigger	2 stage H-type outriggers, made of high-tensile steel plate(960 MPa), outrigger spread 7.8m(W)* 8.05m(L).
Engine	WEICHAI WP12.460E50 diesel engine, max. output power 338kw/1900r/min, max. torque 2110 N.m / 1000~1400 r/min. Fuel tank 400 liters.
Transmission	FAST 12J2SD220A mechanical auto transmissions, 12 forward shifts and 2 reverse shifts.
Axles	ZOOMLION / HANDE 12T axles, driving 10×6.
Suspension	Front axles hydraulic-pneumatic suspension, rear axles steel leaf spring suspension.
Steering	Steering mechanism with relief valve, reliable and safe.
Brake	Service brake, parking brake, engine auxiliary brake.
Tires	Tire size: 385 / 95R25
Driver's cab	Modern and luxury driver's cab with man-machine friendly layout offers a comfortable operating experience. AC and heater.

MAIN TECHNICAL PARAMETERS

Item		Value	Remarks
Working performance	Max. rated lifting capacity	kg	150000
	Max. load moment of basic boom	kN.m	4704
	Max. load moment of main boom (fully extended)	kN.m	1865
	Max. lifting height of basic boom	m	13.5
	Max. lifting height of main boom	m	73.2
	Max. lifting height of jib	m	86.5/ (102.5)
Working speeds	Max. hoist rope speed (Main winch)	m/min	135
	Max. hoist rope speed (Auxiliary winch)	m/min	120
	Boom derricking up time	s	65
	Boom extending time	s	630
	Max. slewing speed	r/min	1.5
Driving	Max. height above sea level	m	2000
	Max. driving speed	km/h	80
	Max. gradeability	%	45
	Min. turning diameter	m	23
	Min. ground clearance	mm	380
	Limits for exhaust pollutants and smoke	Conform to related standards	
	Fuel consumption per hundred kilometers	L	65
Mass	Deadweight in driving condition	kg	54900
	Complete vehicle kerb mass	kg	54705
	Load on axles 1, 2 and 3	kg	10980/10980
	Load on axles 4 and 5	kg	10980/10980/10980
Dimension	Overall dimensions (L × W × H)	mm	15490×3000×4000
	Outrigger spread (L)	m	8.05
	Outrigger spread (W)	m	7.8 (fully extended), 5.3 (intermediately extended)
	Main boom length	m	13.5~73.0
	Boom angle	°	-0.5~82
	Jib length	m	10.4、 17.5
	Jib + extension length	m	25.5、 33.5
	Offset	°	0、 15、 30