

ZOOMLION **TRUCK** CRANE ZTC1000V753



ZOOMLION

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ZOOMLION

4.0
PRODUCTS

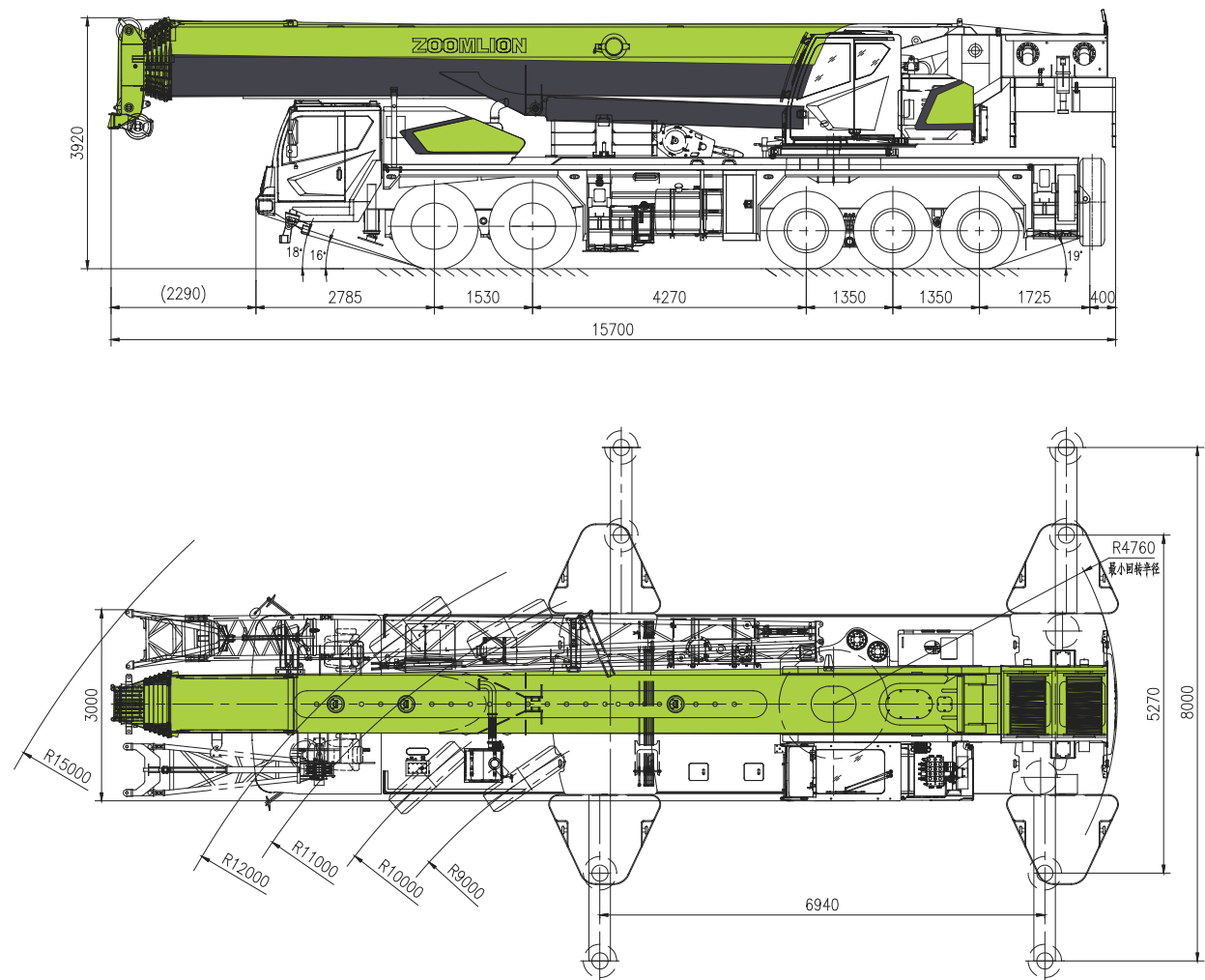
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HIGHLIGHTS

- Innovative new 5-axle robust chassis can drive at 50 km/h with 23t counterweight, enables high efficiency transit.
- 7 section 70m long main boom, two section jibs 17.5m, max. lifting height reaches 87.8m with lifting capacity of 3T.
- WEICHAI WP12.375 + FAST 10 shifts manual transmission (auto transmission can be optional) + HANDE axles, together with intelligent driving control mode, enables better maneuverability.
- More jib configurations are available for option. 9.5m jib extension can be used individually with main boom or with jibs. Moreover 7m standard jib and 3m tip boom can be optional, max. lifting height reaches 97.8m with lifting capacity of 1.5T.
- High strength anti-twist hoisting rope with special rope head, make it more fast and easy to change reeving.
- 5th axle features an air suspension with less maintenance.
- 4.0 generation new spacious cabs offer more comfort and better operating experience. Tiltalbe operators' cab.

CRANE DIMENSIONS



CRANE AND COMPONENT WEIGHTS

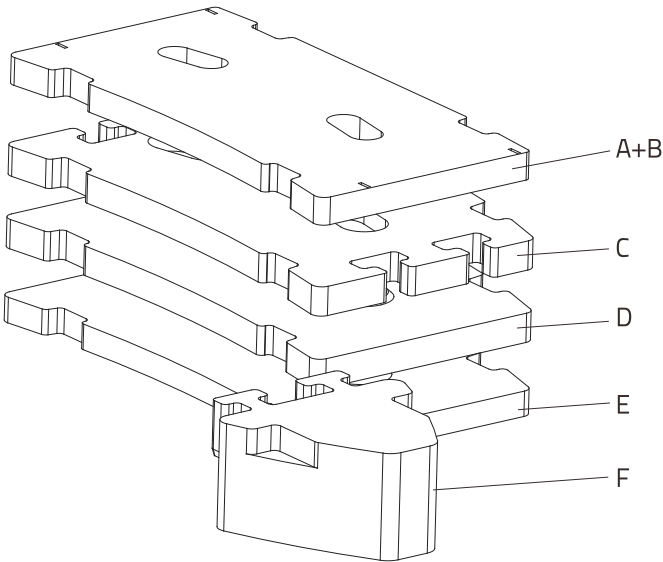
Axle	1	2	3	4	5	Total weight
T	11.5	11.5	10.5	10.5	10	54

Hook Detailed Description				
Hook Load T	No. of Sheaves	No. of Lines	Weight Kg	Remark
90	6	13	830	optional
80	6	13	685	optional
70	6	12	689	optional
60	6	12	662	optional
35	6	12	380	optional
60	6	12	670	standard
6.5	-	1	200	standard

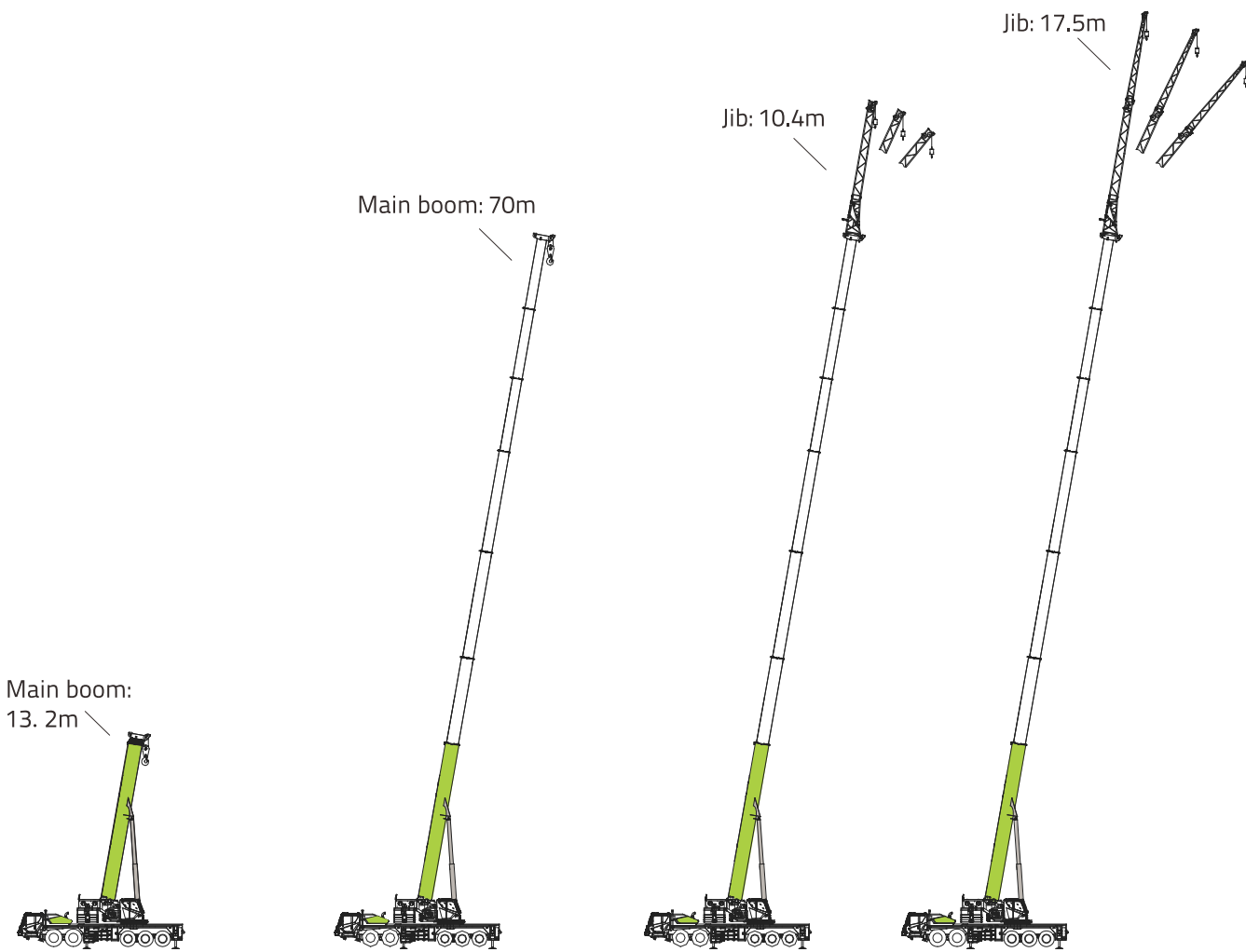
	km/h MAX.		
385/95R25(axle I,II), 325/95R24(axle III, IV), 325/95R24 or 415/80R22(axle V)	≥80	40	10 / R2 (standard mechanical transmission) 10/R1(optional auto transmission)

Drive	Operation Speed	Rope Diameter/length	Max. Single Line Pull
	130m/min	Φ 20mm/320m	6500Kg
	110m/min	Φ 20mm/240m	6500Kg
	0 ~ 1.6r/min		
	60/60S		
	750/750S		

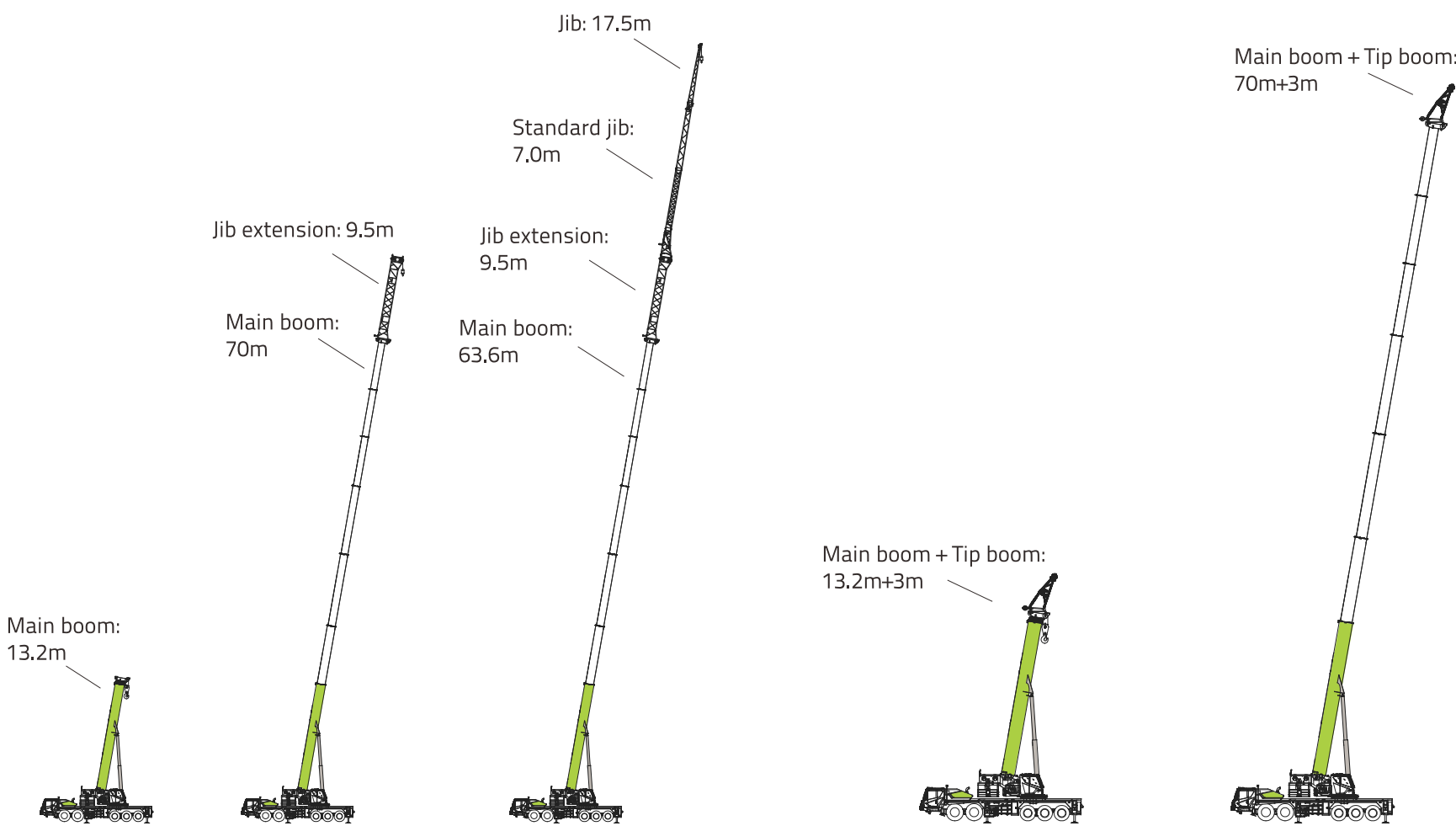
Counterweight								
Counterweight	Size(L*W*H) mm	Weight T	3T	11T	15T	19T	23T	34T
A	2820×1644×150	3	1	1	1	1	1	1
B	2820×1644×380	8		1	1	1	1	1
C	2820×1644×190	4	-	-	-	-	1	1
D	2820×1645×190	4	-	-	-	1	1	1
E	2820×1645×630	4	-	-	1	1	1	1
F	1918×1660×520	5.5	-	-	-	-	-	2



BOOM / JIBS COMBINATION

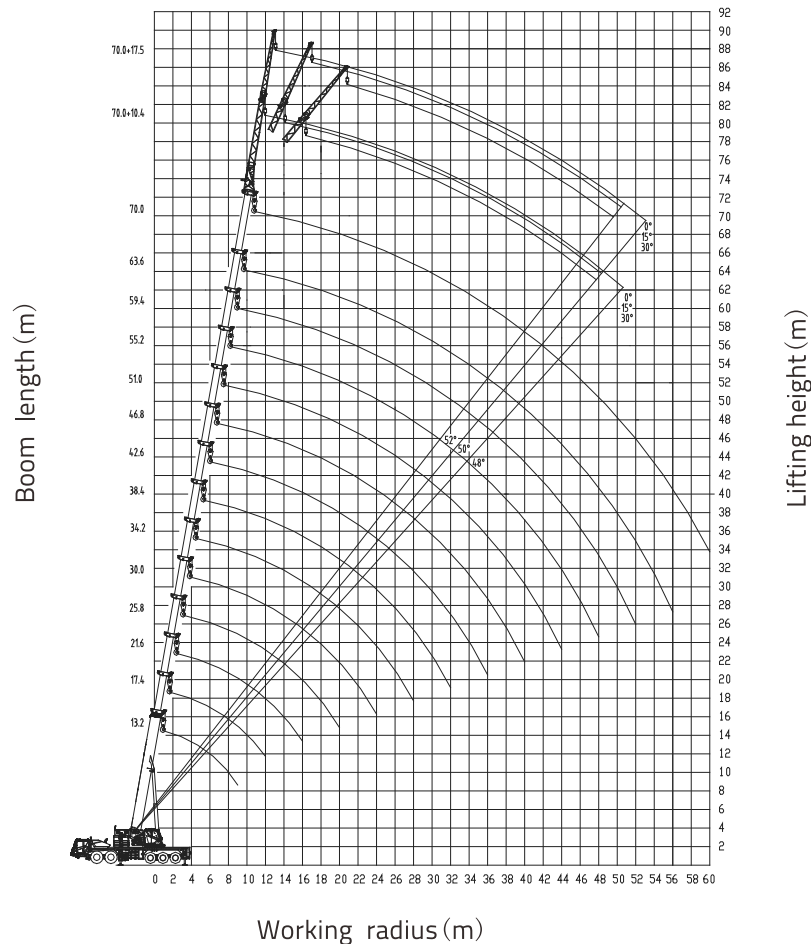


BOOM / JIBS COMBINATION

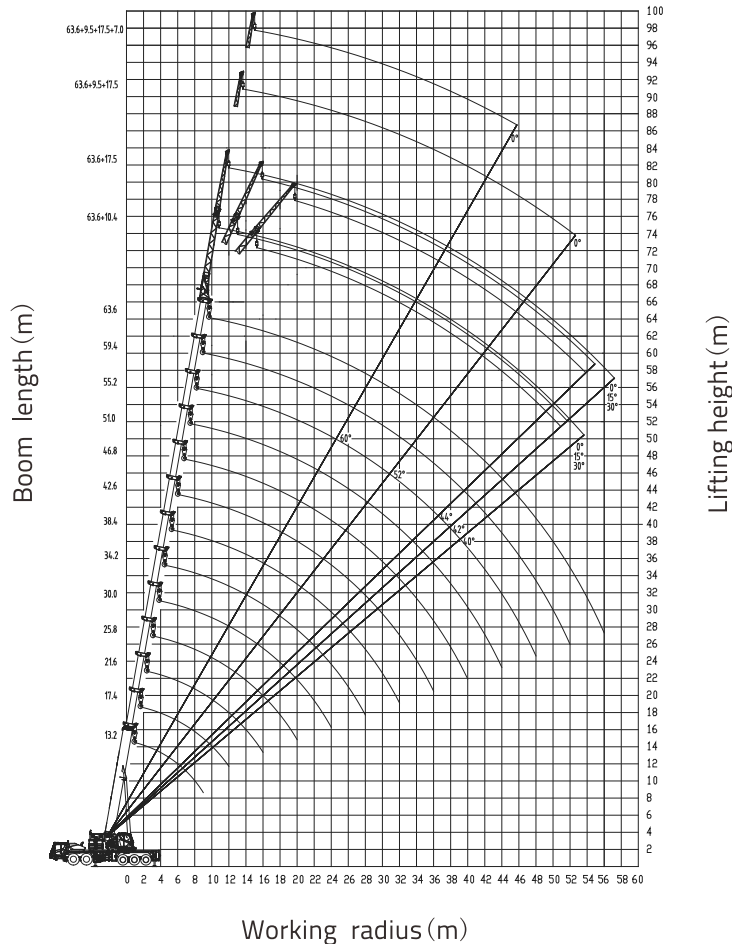


LIFTING HEIGHT CURVE

MAIN BOOM + JIBS



JIBS + EXTENSION + STANDARD JIB



RATED LIFTING CAPACITY TABLE

Note: Operators can follow below instruction to choose hook according to different lifting load.

- 1, Lifting load is less or equal to 60t, use 60T hook;
- 2, Lifting load is between 60t and 70t, use 70T hook;
- 3, Lifting load is between 70t and 80t, use 80T hook, add one extra pulley and reeving change to13.
- 4, Lifting load is above 80t, use 90T hook, add one extra pulley and reeving change to13.

MAIN BOOM WORKING MODE

Unit:T

Outrigger fully extended 8.0m, 34T CWT, Over Rear and sides												
Radius (m)	Main boom length (m)											
	13.2*	17.4	17.4	17.4	17.4	17.4*	21.6	21.6	21.6	21.6	21.6	21.6*
3.0	100.0	40.5	66.0	72.0	72.0	72.0	29.5	44.0	65.0	68.0	68.0	68.0
3.5	86.0	38.0	61.0	72.0	72.0	72.0	28.0	42.0	60.0	66.0	67.0	67.0
4.0	80.0	36.0	56.5	71.0	71.0	71.0	26.0	40.0	55.0	65.0	66.0	66.0
4.5	75.0	34.5	52.5	70.0	70.0	70.0	24.0	38.0	52.0	63.5	65.0	65.0
5.0	70.0	33.0	49.0	65.0	66.0	66.0	23.0	36.0	49.0	60.0	63.0	63.0
5.5	67.0	31.5	46.0	61.0	62.0	62.0	22.0	34.0	46.0	56.0	60.0	60.0
6.0	61.0	30.0	43.0	57.5	59.0	59.0	21.0	31.5	43.0	53.0	57.0	57.0
7.0	52.0	27.5	38.5	51.5	52.0	52.0	19.0	29.0	39.0	47.0	50.0	50.0
8.0	45.0	25.5	35.0	45.5	45.5	45.0	17.0	26.5	36.0	44.0	44.5	44.5
9.0	37.0	24.0	32.0	40.0	40.0	39.5	16.0	24.5	33.0	39.0	39.0	39.0
10.0		22.5	29.5	36.0	36.0	35.5	15.0	22.5	30.0	36.0	35.5	35.0
11.0		21.5	27.0	32.5	32.5	32.0	13.9	21.0	28.0	32.5	32.0	31.5
12.0		20.3	25.5	29.5	29.5	29.0	13.0	19.5	26.0	31.0	30.0	29.0
14.0							11.5	17.0	23.0	26.5	25.5	24.5
16.0							10.4	15.0	20.5	21.0	20.5	19.5
18.0												
20.0												
22.0												
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												
Reeving	12	12					12					
Hook		60t										
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	2
	II	1	1	1	1	1	2	1	1	1	1	2
	III	1	1	1	1	2	1	1	1	1	2	1
	IV	1	1	1	2	1	1	1	1	2	2	1
	V	1	1	2	1	1	1	1	2	2	1	1
	VI	1	2	1	1	1	1	3	2	1	1	1

MAIN BOOM WORKING MODE

Unit: T

Outrigger fully extended 8.0m 34T CWT Over Rear and sides													
Radius (m)	Main boom length (m)												
	25,8	25,8	25,8	25,8	25,8	25,8*	30,0	30,0	30,0	30,0	30,0	30,0	30,0*
3.0													
3.5													
4.0	25.0	25.0	43.0	60.0	60.0	60.0							
4.5	23.5	23.5	41.0	56.0	60.0	60.0							
5.0	22.0	22.0	39.5	53.0	60.0	60.0	19.0	24.0	26.0	42.0	53.0	53.0	
5.5	21.0	21.0	38.0	50.0	58.0	58.0	18.5	23.0	24.5	40.5	51.5	51.5	
6.0	20.0	20.0	36.0	47.0	54.0	54.0	17.5	22.0	23.0	39.5	50.0	50.0	
7.0	18.0	18.0	33.0	42.0	49.0	49.0	15.8	20.0	21.0	36.0	48.0	48.0	
8.0	16.5	16.5	30.0	38.0	45.0	45.0	14.3	18.5	19.0	33.5	44.0	44.0	
9.0	15.0	15.0	28.0	35.0	39.5	39.5	13.0	17.0	17.5	31.0	40.0	40.0	
10.0	14.0	14.0	26.0	32.0	35.0	35.0	12.0	15.5	16.0	28.5	35.5	35.5	
11.0	13.0	13.0	24.5	30.0	32.5	32.0	11.0	14.5	15.0	27.0	31.5	31.5	
12.0	12.0	12.0	22.5	28.0	30.0	29.0	10.3	13.5	14.0	25.0	29.5	29.0	
14.0	10.5	10.5	20.0	24.0	26.0	25.0	9.0	11.9	12.2	22.0	25.5	25.0	
16.0	9.4	9.3	18.0	21.5	21.5	20.5	8.0	10.7	10.7	19.5	22.5	21.2	
18.0	8.5	8.4	16.2	18.5	17.5	16.5	7.1	9.6	9.6	17.5	18.5	17.3	
20.0	7.7	7.6	14.7	15.5	14.5	13.5	6.4	8.7	8.7	16.0	15.5	14.3	
22.0							5.8	8.0	7.9	14.3	13.2	12.0	
24.0							5.3	7.3	7.2	12.3	11.4	10.2	
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													
Reeving	11						9						
Hook	60t												
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

Outrigger fully extended 8.0m 34T CWT Over Rear and sides															
Radius (m)	Main boom length (m)														
	34.2	34.2	34.2	34.2	34.2	34.2*	38.4	38.4	38.4	38.4	38.4	38.4	38.4*		
3.0															
3.5															
4.0															
4.5															
5.0															
5.5															
6.0	19.0	21.5	25.5	26.0	43.0	46.0									
7.0	17.0	19.0	23.0	23.5	40.5	44.0	17.0	20.0	21.5	26.0	30.5	41.5			
8.0	15.5	17.5	21.0	21.5	38.0	42.0	15.5	18.5	19.5	24.0	28.0	39.0			
9.0	14.5	16.0	19.5	19.5	35.0	39.0	14.0	17.0	18.0	22.0	25.5	36.0			
10.0	13.3	14.5	18.0	18.0	32.5	36.0	13.0	15.7	16.5	20.3	23.5	33.5			
11.0	12.3	13.5	16.5	16.5	30.5	33.0	12.0	14.5	15.2	18.8	22.0	31.5			
12.0	11.5	12.5	15.5	15.5	28.5	30.0	11.0	13.5	14.0	17.5	20.5	30.0			
14.0	10.1	10.8	13.5	13.5	25.0	26.0	9.5	11.7	12.2	15.4	17.7	26.0			
16.0	8.9	9.6	11.8	11.8	22.5	22.0	8.5	10.4	10.8	13.6	15.7	22.7			
18.0	8.0	8.5	10.5	10.5	19.5	18.1	7.5	9.3	9.6	12.1	14.0	18.8			
20.0	7.2	7.7	9.5	9.4	16.5	15.1	6.7	8.4	8.6	11.0	12.5	15.8			
22.0	6.5	6.9	8.6	8.5	14.1	12.7	6.0	7.6	7.7	10.0	11.3	13.5			
24.0	6.0	6.3	7.9	7.8	12.2	10.9	5.5	6.9	7.0	9.0	10.3	11.6			
26.0	5.5	5.7	7.2	7.1	10.6	9.3	5.0	6.3	6.3	8.3	9.4	10.0			
28.0	5.1	5.3	6.6	6.5	9.3	8.0	4.5	5.8	5.8	7.6	8.6	8.7			
30.0							4.2	5.3	5.3	7.0	7.9	7.6			
32.0							3.9	4.8	4.8	6.5	7.0	6.6			
34.0															
36.0															
38.0															
40.0															
42.0															
44.0															
46.0															
48.0															
50.0															
Reeving	8						7								
Hook	60t														
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		

MAIN BOOM WORKING MODE

Unit: T

Outrigger fully extended 8.0m, 34T CWT, Over Rear and sides													
Radius (m)	Main boom length (m)												
	42.6	42.6	42.6	42.6	42.6	42.6*	46.8	46.8	46.8	46.8	46.8*		
3.0													
3.5													
4.0													
4.5													
5.0													
5.5													
6.0													
7.0													
8.0	16.5	18.0	21.5	26.0	30.0	32.5							
9.0	15.0	16.5	20.0	24.0	28.0	30.0							
10.0	14.0	15.0	18.5	22.0	26.0	28.0	14.0	16.5	19.5	23.0	25.0		
11.0	12.9	14.0	17.0	20.3	24.0	26.0	12.8	15.3	18.0	21.3	23.5		
12.0	12.0	12.9	15.8	18.8	22.3	24.0	11.9	14.2	16.8	19.8	22.0		
14.0	10.4	11.0	13.8	16.3	19.5	21.0	10.3	12.3	14.6	17.4	19.0		
16.0	9.2	9.8	12.2	14.4	17.3	18.5	9.0	10.9	13.0	15.4	16.7		
18.0	8.2	8.6	10.8	12.7	15.4	16.5	8.0	9.6	11.5	13.6	14.8		
20.0	7.3	7.7	9.7	11.3	13.8	14.7	7.1	8.6	10.2	12.2	13.2		
22.0	6.6	6.9	8.7	10.2	12.5	13.0	6.4	7.7	9.2	11.0	11.8		
24.0	6.0	6.2	7.9	9.2	11.4	11.0	5.7	7.0	8.3	10.0	10.6		
26.0	5.5	5.6	7.2	8.2	9.9	9.5	5.2	6.4	7.5	9.0	9.5		
28.0	5.0	5.1	6.6	7.6	8.6	8.2	4.7	5.8	6.8	8.3	8.2		
30.0	4.6	4.7	6.0	7.0	7.5	7.1	4.3	5.3	6.2	7.6	7.1		
32.0	4.3	4.3	5.6	6.4	6.5	6.2	4.0	4.9	5.7	6.7	6.1		
34.0	4.0	3.9	5.1	5.9	5.7	5.3	3.6	4.5	5.2	5.8	5.3		
36.0	3.7	3.6	4.7	5.4	5.0	4.6	3.3	4.1	4.8	5.1	4.6		
38.0							3.0	3.8	4.4	4.4	3.9		
40.0							2.8	3.5	4.1	3.9	3.3		
42.0													
44.0													
46.0													
48.0													
50.0													
Reeving	6						5						
Hook	60t												
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	

MAIN BOOM WORKING MODE

Unit: T

Outrigger fully extended 8.0m, 23T CWT, Over Rear and sides													
Radius (m)	Main boom length (m)												
	13.2*	17.4	17.4	17.4	17.4	17.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6*
3.0	100.0	40.5	66.0	72.0	72.0	72.0	29.5	44.0	65.0	68.0	68.0	68.0	
3.5	86.0	38.0	61.0	72.0	72.0	72.0	28.0	42.0	60.0	66.0	67.0	67.0	
4.0	80.0	36.0	56.5	71.0	71.0	71.0	26.0	40.0	55.0	65.0	66.0	66.0	
4.5	75.0	34.5	52.5	70.0	70.0	70.0	24.0	38.0	52.0	63.5	65.0	65.0	
5.0	68.0	33.0	49.0	65.0	66.0	66.0	23.0	36.0	49.0	60.0	63.0	63.0	
5.5	64.0	31.5	46.0	61.0	62.0	62.0	22.0	34.0	46.0	56.0	60.0	60.0	
6.0	58.0	30.0	43.0	57.5	59.0	59.0	21.0	31.5	43.0	53.0	57.0	57.0	
7.0	50.0	27.5	38.5	49.0	50.0	50.0	19.0	29.0	39.0	45.0	48.0	48.0	
8.0	43.5	25.5	35.0	42.0	42.5	42.0	17.0	26.5	36.0	40.0	41.0	41.0	
9.0	36.0	24.0	32.0	38.0	38.5	38.0	16.0	24.5	33.0	36.0	37.0	37.0	
10.0		22.5	29.5	35.0	34.5	34.0	15.0	22.5	30.0	33.0	33.5	33.0	
11.0		21.5	27.0	30.5	30.0	29.5	13.9	21.0	28.0	29.5	29.5	29.0	
12.0		20.3	25.5	26.0	25.5	25.0	13.0	19.5	26.0	26.0	25.0	24.5	
14.0							11.5	17.0	22.0	20.5	19.5	19.0	
16.0							10.4	15.0	17.0	16.0	15.0	14.5	
18.0													
20.0													
22.0													
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													
Reeving	12	12					12						
Hook		60t											
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	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

Outrigger fully extended 8.0m, 23T CWT, Over Rear and sides													
Radius (m)	Main boom length (m)												
	25.8	25.8	25.8	25.8	25.8	25.8*	30.0	30.0	30.0	30.0	30.0	30.0	30.0*
3.0													
3.5													
4.0	25.0	25.0	43.0	60.0	60.0	60.0							
4.5	23.5	23.5	41.0	56.0	60.0	60.0							
5.0	22.0	22.0	39.5	53.0	60.0	60.0	19.0	24.0	26.0	42.0	53.0	53.0	
5.5	21.0	21.0	38.0	50.0	58.0	58.0	18.5	23.0	24.5	40.5	51.5	51.5	
6.0	20.0	20.0	36.0	47.0	54.0	54.0	17.5	22.0	23.0	39.5	50.0	50.0	
7.0	18.0	18.0	33.0	42.0	46.0	46.0	15.8	20.0	21.0	36.0	48.0	48.0	
8.0	16.5	16.5	30.0	38.0	41.0	41.0	14.3	18.5	19.0	33.5	44.0	44.0	
9.0	15.0	15.0	28.0	35.0	37.0	37.0	13.0	17.0	17.5	31.0	40.0	38.0	
10.0	14.0	14.0	26.0	32.0	33.0	33.0	12.0	15.5	16.0	28.5	35.5	33.0	
11.0	13.0	13.0	24.5	30.0	29.0	29.0	11.0	14.5	15.0	27.0	30.0	29.0	
12.0	12.0	12.0	22.5	28.0	27.0	26.0	10.3	13.5	14.0	25.0	27.0	26.0	
14.0	10.5	10.5	20.0	21.0	20.5	19.5	9.0	11.9	12.2	22.0	21.5	20.5	
16.0	9.4	9.3	18.0	17.0	16.5	15.5	8.0	10.7	10.7	18.5	17.0	16.0	
18.0	8.5	8.4	15.5	13.5	13.0	12.0	7.1	9.6	9.6	15.2	14.0	13.0	
20.0	7.7	7.6	13.0	11.5	11.0	10.0	6.4	8.7	8.7	12.8	11.6	10.6	
22.0							5.8	8.0	7.9	11.0	9.8	8.8	
24.0							5.3	7.3	7.2	9.4	8.2	7.2	
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													
Reeving	11						9						
Hook	60t												
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

MAIN BOOM WORKING MODE

Unit: T

Outrigger fully extended 8.0m, 23T CWT, Over Rear and sides													
Radius (m)	Main boom length (m)												
	34.2	34.2	34.2	34.2	34.2	34.2*	38.4	38.4	38.4	38.4	38.4	38.4	38.4*
3.0													
3.5													
4.0													
4.5													
5.0													
5.5													
6.0	19.0	21.5	25.5	26.0	43.0	46.0							
7.0	17.0	19.0	23.0	23.5	40.5	44.0	17.0	20.0	21.5	26.0	30.5	41.5	
8.0	15.5	17.5	21.0	21.5	38.0	42.0	15.5	18.5	19.5	24.0	28.0	39.0	
9.0	14.5	16.0	19.5	19.5	35.0	39.0	14.0	17.0	18.0	22.0	25.5	36.0	
10.0	13.3	14.5	18.0	18.0	32.5	34.0	13.0	15.7	16.5	20.3	23.5	33.5	
11.0	12.3	13.5	16.5	16.5	30.5	31.5	12.0	14.5	15.2	18.8	22.0	31.5	
12.0	11.5	12.5	15.5	15.5	28.5	28.0	11.0	13.5	14.0	17.5	20.5	28.5	
14.0	10.1	10.8	13.5	13.5	22.5	21.5	9.5	11.7	12.2	15.4	17.7	22.0	
16.0	8.9	9.6	11.8	11.8	18.0	17.0	8.5	10.4	10.8	13.6	15.7	17.5	
18.0	8.0	8.5	10.5	10.5	15.0	14.0	7.5	9.3	9.6	12.1	14.0	14.5	
20.0	7.2	7.7	9.5	9.4	12.7	11.5	6.7	8.4	8.6	11.0	12.5	12.0	
22.0	6.5	6.9	8.6	8.5	10.7	9.5	6.0	7.6	7.7	10.0	10.5	10.0	
24.0	6.0	6.3	7.9	7.8	9.2	8.0	5.5	6.9	7.0	9.0	9.0	8.5	
26.0	5.5	5.7	7.2	7.1	8.0	6.7	5.0	6.3	6.3	8.0	7.7	7.2	
28.0	5.1	5.3	6.6	6.5	6.9	5.6	4.5	5.8	5.8	7.0	6.7	6.2	
30.0							4.2	5.3	5.3	6.0	5.7	5.2	
32.0							3.9	4.8	4.8	5.2	5.0	4.5	
34.0													
36.0													
38.0													
40.0													
42.0													
44.0													
46.0													
48.0													
50.0													
Reeving	8						7						
Hook	60t												
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

MAIN BOOM WORKING MODE

Unit:

Outrigger fully extended 8.0m, 23T CWT, Over Rear and sides											
Radius (m)	Main boom length (m)										
	51.0	51.0	51.0	51.0*	55.2	55.2	55.2*	59.4	59.4*	63.6*	70.0*
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
7.0											
8.0											
9.0											
10.0											
11.0	13.5	15.5	18.0	20.0							
12.0	13.0	14.5	17.0	19.5	13.0	14.0	15.5				
14.0	11.3	13.0	15.5	17.5	11.5	13.0	14.5	11.0	12.0		
16.0	10.0	11.5	13.8	15.4	10.5	12.0	13.5	10.5	11.5	9.5	
18.0	9.0	10.4	12.4	13.6	9.5	11.0	12.5	9.6	11.0	9.2	7.0
20.0	8.0	9.3	11.0	11.8	8.5	9.8	11.2	9.0	10.2	9.0	7.0
22.0	7.2	8.4	10.0	9.8	7.8	9.0	10.2	8.2	9.3	8.4	6.8
24.0	6.5	7.6	9.0	8.3	7.0	8.2	8.5	7.5	8.5	7.8	6.5
26.0	6.0	6.9	7.5	7.0	6.4	7.6	7.2	6.9	7.5	7.2	6.2
28.0	5.5	6.3	6.5	6.0	5.9	6.9	6.2	6.4	6.3	6.6	5.9
30.0	5.0	5.7	5.7	5.0	5.4	5.9	5.3	5.9	5.6	6.0	5.6
32.0	4.5	5.2	4.8	4.2	5.0	5.1	4.5	5.5	4.8	5.0	5.2
34.0	4.2	4.8	4.1	3.5	4.6	4.4	3.8	4.7	4.1	4.4	4.5
36.0	4.9	4.1	3.5	2.9	4.2	3.7	3.1	4.1	3.5	3.8	3.9
38.0	3.6	3.6	2.9	2.3	3.9	3.2	2.6	3.5	2.9	3.2	3.3
40.0	3.3	3.2	2.5	1.9	3.4	2.7	2.1	3.0	2.4	2.8	2.9
42.0	3.1	2.8	2.1	1.5	3.0	2.3	1.7	2.6	2.0	2.4	2.5
44.0	2.7	2.4	1.7	1.1	2.6	1.9	1.3	2.2	1.6	2.0	2.1
46.0					2.3	1.6	1.0	1.9	1.3	1.6	1.7
48.0								1.6	1.0	1.3	1.4
50.0										1.0	1.1
Reeving	4				3			3		3	3
Hook	60t										
Telescoping mode	I	1	1	2	3	1	2	3	2	3	4
	II	2	3	3	3	3	3	3	3	3	4
	III	3	3	3	3	3	3	3	3	3	4
	IV	3	3	3	2	3	3	3	3	3	4
	V	3	3	2	2	3	3	2	3	3	4
	VI	3	2	2	2	3	2	2	3	2	4

JIBS WORKING MODE

Unit: T

Main boom angle (°)	Main boom + extension (m)						Main boom + Jibs (m)								Main boom + extension + jibs (m)	
	Outrigger fully extended, over rear and sides, 34T CWT															
	63.6 + 9.5	70 + 9.5	63.6+10.4			63.6+17.5			70+10.4			70+17.5			63.6+ 9.5 +17.5	63.6+ 9.5+7 +17.5
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°
80	6.0	4.5	5.5	5.0	4.5	4.0	3.0	2.3	4.5	4.0	3.5	3.0	2.5	2.0	2.0	1.5
78	5.7	4.5	5.5	5.0	4.3	4.0	3.0	2.3	4.5	4.0	3.5	3.0	2.5	2.0	2.0	1.5
76	5.5	4.5	5.3	4.8	4.1	3.7	2.8	2.3	4.2	3.8	3.5	3.0	2.5	2.0	2.0	1.5
74	5.2	4.5	5.0	4.5	3.9	3.5	2.6	2.2	3.9	3.6	3.3	3.0	2.3	2.0	2.0	1.5
72	5.0	4.3	4.5	4.0	3.7	3.3	2.6	2.2	3.6	3.4	3.1	2.8	2.3	1.9	2.0	1.4
70	4.8	4.1	4.0	3.7	3.5	3.1	2.4	2.0	3.3	3.1	2.9	2.6	2.2	1.9	1.9	1.3
68	4.5	3.8	3.7	3.4	3.3	2.9	2.4	2.0	3.0	2.8	2.7	2.4	2.1	1.8	1.8	1.2
66	4.2	3.5	3.5	3.2	3.1	2.7	2.2	2.0	2.7	2.6	2.5	2.2	2.0	1.8	1.7	1.1
64	3.9	3.2	3.3	3.1	3.0	2.7	2.2	2.0	2.5	2.4	2.3	2.0	1.9	1.7	1.6	1.0
62	3.6	2.9	3.1	2.9	2.8	2.5	2.0	1.8	2.3	2.2	2.1	1.9	1.7	1.6	1.5	0.9
60	3.3	2.7	2.9	2.7	2.6	2.3	2.0	1.8	2.1	2.0	1.9	1.8	1.6	1.5	1.4	0.8
58	3.1	2.5	2.7	2.5	2.4	2.1	2.0	1.8	1.9	1.8	1.7	1.6	1.5	1.4	1.3	
56	2.9	2.2	2.5	2.3	2.2	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.2	
54	2.7	2.0	2.3	2.1	2.0	1.7	1.6	1.5	1.6	1.5	1.4	1.2	1.1	1.0	1.1	
52	2.5	1.8	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	1.0	
50	2.3	1.7	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0	1.0				
48	2.2	1.5	1.7	1.6	1.5	1.5	1.4	1.3	1.0							
46	2.0	1.4	1.6	1.5	1.4	1.3	1.2	1.1								
44	1.8	1.2	1.4	1.3	1.2	1.2	1.1	1.0								
42	1.7	1.0	1.2	1.1	1.0	1.0										
40	1.5		1.0													
Reeving	1															
Hook	6.5t															

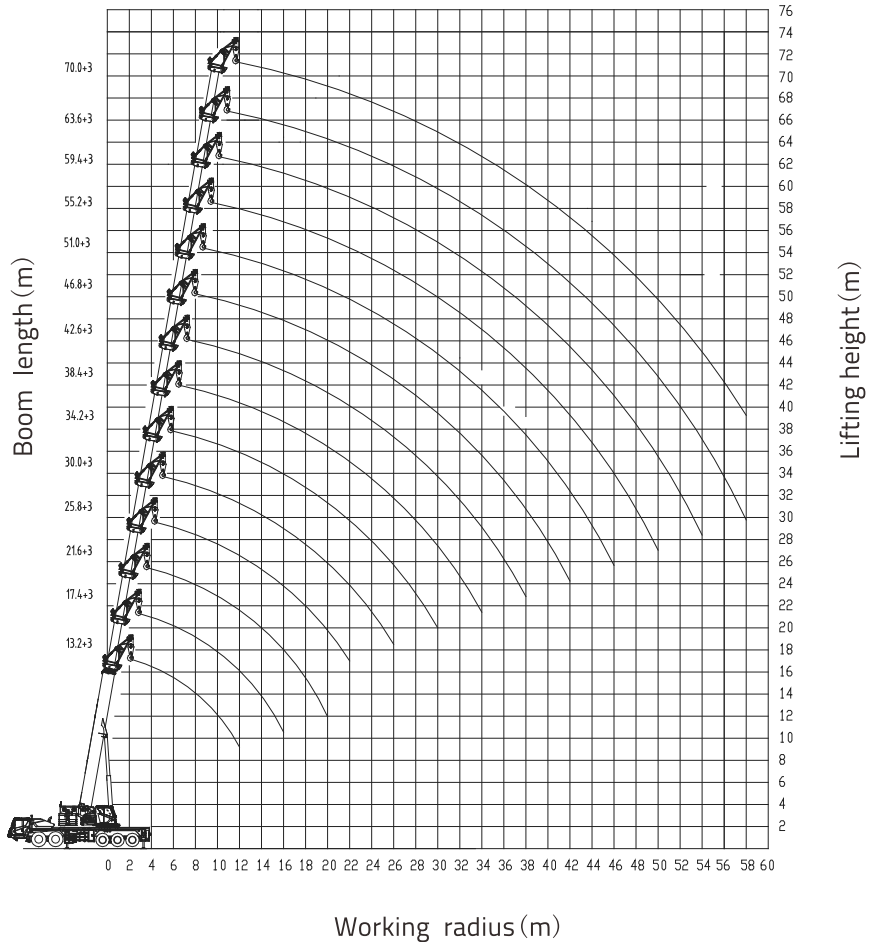
JIBS WORKING MODE

Unit: T

Main boom angle (°)	Main boom + extension (m)					Main boom + Jibs (m)										Main boom + extension + jibs (m)	
	Outrigger fully extended, over rear and sides, 23T CWT																
	63.6 + 9.5	70 + 9.5	63.6+10.4			63.6+17.5			70+10.4			70+17.5			63.6+ 9.5 +17.5	63.6+ 9.5+7 +17.5	
	0°	0°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	0°	
80	6.0	4.5	5.5	5.0	4.5	4.0	3.0	2.3	4.5	4.0	3.5	3.0	2.5	2.0	2.0	1.5	
78	5.7	4.5	5.5	5.0	4.3	4.0	3.0	2.3	4.5	4.0	3.5	3.0	2.5	2.0	2.0	1.5	
76	5.5	4.5	5.3	4.8	4.1	3.7	2.8	2.3	4.2	3.8	3.5	3.0	2.5	2.0	2.0	1.5	
74	5.2	4.5	5.0	4.5	3.9	3.5	2.6	2.2	3.9	3.6	3.3	3.0	2.3	2.0	2.0	1.5	
72	5.0	4.3	4.5	4.0	3.7	3.3	2.6	2.2	3.6	3.4	3.1	2.8	2.3	1.9	2.0	1.4	
70	4.8	4.1	4.0	3.7	3.5	3.1	2.4	2.0	3.3	3.1	2.9	2.6	2.2	1.9	1.9	1.3	
68	4.5	3.8	3.7	3.4	3.3	2.9	2.4	2.0	3.0	2.8	2.7	2.4	2.1	1.8	1.8	1.2	
66	4.2	3.5	3.5	3.2	3.1	2.7	2.2	2.0	2.7	2.6	2.5	2.2	2.0	1.8	1.7	1.1	
64	3.8	2.9	3.3	3.1	3.0	2.7	2.2	2.0	2.5	2.4	2.3	2.0	1.9	1.7	1.6	1.0	
62	3.4	2.5	2.9	2.8	2.8	2.5	2.0	1.8	2.0	1.9	1.9	1.8	1.7	1.6	1.5	0.9	
60	3.0	2.2	2.5	2.4	2.3	2.2	2.0	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.4		
58	2.6	1.9	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.3	1.2	1.1	1.0	1.1		
56	2.3	1.6	1.9	1.8	1.7	1.6	1.5	1.4	1.1			0.9			0.9		
54	2.0	1.3	1.6	1.5	1.4	1.3	1.2	1.2									
52	1.7	1.0	1.3	1.2	1.1	1.1											
50	1.5		1.0														
Reeving	1																
Hook	6.5t																

Lifting Height Curve

Tip Boom



TIP BOOM WORKING MODE

Unit:

Outrigger fully extended 8.0m 34T CWT Over Rear and sides												
Radius (m)	Tip boom 3.0m, offset 30°											
	13.2*	17.4	17.4	17.4	17.4	17.4*	21.6	21.6	21.6	21.6	21.6	21.6*
3.0	18.0											
3.5	16.0	16.0	16.0	16.0	16.0	16.0						
4.0	16.0	16.0	16.0	16.0	16.0	16.0						
4.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
6.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
7.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
8.0	15.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
9.0	15.0	16.0	16.0	16.0	16.0	16.0	15.0	16.0	16.0	16.0	16.0	16.0
10.0	14.5	15.5	15.5	15.5	15.5	15.5	14.0	16.0	16.0	16.0	16.0	16.0
11.0	14.0	15.0	15.0	15.0	15.0	15.0	13.0	16.0	16.0	16.0	16.0	16.0
12.0	13.5	14.5	14.5	14.5	14.5	14.5	12.0	16.0	16.0	16.0	16.0	16.0
14.0		14.0	14.0	14.0	14.0	14.0	11.0	14.5	15.5	15.5	15.5	15.5
16.0		13.5	13.5	13.5	13.5	13.5	10.0	13.0	15.0	15.0	15.0	15.0
18.0							9.0	12.0	14.0	14.0	14.0	14.0
20.0							8.0	11.0	13.0	13.0	13.0	13.0
22.0												
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												
Reeving	3											
Hook	18t											
Telescoping mode	I	1	1	1	1	1	1	1	1	1	1	2
	II	1	1	1	1	1	2	1	1	1	1	2
	III	1	1	1	1	2	1	1	1	1	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
	VI	1	2	1	1	1	1	3	2	1	1	1

TIP BOOM WORKING MODE

Unit: T

Outrigger fully extended 8.0m, 34T CWT, Over Rear and sides													
Radius (m)	Tip boom 3.0m, offset 30°												
	34,2	34,2	34,2	34,2	34,2	34,2*	38,4	38,4	38,4	38,4	38,4	38,4	38,4*
3.0													
3.5													
4.0													
4.5													
5.0													
5.5													
6.0													
7.0													
8.0	12.5	14.0	16.0	16.0	16.0	16.0							
9.0	11.5	13.0	16.0	16.0	16.0	16.0	12.0	14.0	16.0	16.0	16.0	16.0	16.0
10.0	10.5	12.0	15.0	15.0	16.0	16.0	11.0	13.0	15.0	16.0	16.0	16.0	16.0
11.0	10.0	11.0	14.0	14.0	16.0	16.0	10.0	12.0	14.0	16.0	16.0	16.0	16.0
12.0	9.5	10.0	13.0	13.0	16.0	16.0	9.5	11.5	13.0	15.5	16.0	16.0	16.0
14.0	8.5	9.0	12.0	12.0	15.0	16.0	8.1	10.0	11.0	14.0	15.0	15.5	15.5
16.0	7.5	8.0	10.5	10.5	14.0	15.0	7.2	9.0	10.0	12.5	14.5	15.0	15.0
18.0	6.5	7.0	9.5	9.5	13.5	14.5	6.3	8.0	8.8	11.0	13.0	14.5	14.5
20.0	6.0	6.5	8.5	8.5	13.0	14.0	5.7	7.0	7.8	10.0	11.8	14.0	14.0
22.0	5.5	5.8	7.7	7.7	12.5	12.0	5.1	6.5	7.0	9.0	10.5	12.5	12.5
24.0	5.0	5.3	7.0	7.0	11.5	10.5	4.6	6.0	6.4	8.0	9.5	11.2	11.2
26.0	4.5	4.8	6.5	6.5	10.5	9.5	4.2	5.5	5.8	7.5	8.8	10.2	10.2
28.0	4.2	4.5	6.0	6.0	9.0	8.0	3.8	5.1	5.3	7.0	8.0	8.8	8.8
30.0	3.9	4.2	5.5	5.5	8.0	7.0	3.5	4.7	4.8	6.5	7.3	7.7	7.7
32.0							3.2	4.3	4.4	6.0	6.7	6.7	6.7
34.0							3.0	3.9	4.1	5.5	6.2	5.9	5.9
36.0													
38.0													
40.0													
42.0													
44.0													
46.0													
48.0													
50.0													
Reeving	3												
Hook	18t												
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

TIP BOOM WORKING MODE

Unit: T

Outrigger fully extended 8.0m, 34T CWT, Over Rear and sides											
Radius (m)	Tip boom 3.0m, offset 30°										
	51.0	51.0	51.0	51.0*	55.2	55.2	55.2*	59.4	59.4*	63.6*	70.0*
4.0											
4.5											
5.0											
5.5											
6.0											
7.0											
8.0											
9.0											
10.0											
11.0											
12.0											
14.0	9.5	11.0	12.5	14.0	9.5	11.0	12.0				
16.0	8.5	10.0	11.5	13.0	8.7	10.0	11.0	9.0	10.0		
18.0	7.5	9.0	10.5	12.0	8.1	9.3	10.0	8.5	9.5	7.8	
20.0	7.0	8.2	9.5	11.0	7.5	8.6	9.4	8.0	8.8	7.5	6.5
22.0	6.5	7.5	8.7	10.0	6.9	8.0	8.8	7.5	8.2	7.2	6.2
24.0	5.7	6.9	8.0	9.0	6.3	7.4	8.2	6.8	7.5	6.9	6.0
26.0	5.2	6.3	7.4	8.4	5.8	6.8	7.6	6.2	6.9	6.4	5.7
28.0	4.8	5.7	6.8	7.5	5.3	6.2	7.0	5.7	6.4	5.9	5.3
30.0	4.4	5.3	6.3	6.8	4.8	5.7	6.4	5.3	5.9	5.4	4.9
32.0	4.1	4.8	5.8	6.3	4.4	5.3	5.8	4.9	5.4	5.0	4.5
34.0	3.8	4.4	5.3	5.6	4.1	4.9	5.3	4.5	5.0	4.6	4.2
36.0	3.5	4.0	4.8	4.8	3.8	4.5	4.8	4.1	4.6	4.2	3.9
38.0	3.2	3.7	4.3	4.2	3.5	4.1	4.4	3.8	4.2	3.9	3.6
40.0	2.9	3.4	3.9	3.6	3.2	3.7	3.8	3.5	3.9	3.6	3.3
42.0	2.6	3.1	3.5	3.0	2.9	3.4	3.3	3.2	3.5	3.3	3.0
44.0	2.4	2.8	3.1	2.6	2.7	3.1	2.8	3.0	3.1	3.1	2.7
46.0	2.2	2.5	2.7	2.1	2.4	2.9	2.3	2.8	2.7	2.9	2.4
48.0					2.2	2.6	1.9	2.6	2.3	2.6	2.2
50.0					2.0	2.2	1.5	2.4	1.9	2.2	2.0
52.0								2.2	1.6	1.8	1.8
54.0								1.9	1.3	1.5	1.6
56.0										1.2	1.4
58.0										1.0	1.1
Reeving	3						2				
Hook	18t										
Telescoping mode	I	1	1	2	3	1	2	3	2	3	4
	II	2	3	3	3	3	3	3	3	3	4
	III	3	3	3	3	3	3	3	3	3	4
	IV	3	3	3	2	3	3	3	3	3	4
	V	3	3	2	2	3	3	2	3	3	4
	VI	3	2	2	2	3	2	2	3	2	4

Unit: T

Outrigger fully extended 8.0m, 23T CWT, Over Rear and sides													
Radius (m)	Tip boom 3.0m, offset 30°												
	13.2*	17.4	17.4	17.4	17.4	17.4*	21.6	21.6	21.6	21.6	21.6	21.6	21.6*
3.0	18.0												
3.5	16.0	16.0	16.0	16.0	16.0	16.0							
4.0	16.0	16.0	16.0	16.0	16.0	16.0							
4.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
6.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
7.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
8.0	15.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
9.0	15.0	16.0	16.0	16.0	16.0	16.0	16.0	15.0	16.0	16.0	16.0	16.0	16.0
10.0	14.5	15.5	15.5	15.5	15.5	15.5	14.0	16.0	16.0	16.0	16.0	16.0	16.0
11.0	14.0	15.0	15.0	15.0	15.0	15.0	13.0	16.0	16.0	16.0	16.0	16.0	16.0
12.0	13.5	14.5	14.5	14.5	14.5	14.5	12.0	16.0	16.0	16.0	16.0	16.0	16.0
14.0		14.0	14.0	14.0	14.0	14.0	11.0	14.5	15.5	15.5	15.5	15.5	15.5
16.0		13.5	13.5	13.5	13.5	13.5	10.0	13.0	15.0	15.0	15.0	15.0	15.0
18.0							9.0	12.0	14.0	14.0	13.5	12.5	
20.0							8.0	11.0	12.5	12.0	11.0	10.0	
22.0													
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													
Reeving	3												
Hook	18t												
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	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

TIP BOOM WORKING MODE

Unit: T

Outtrigger fully extended 8.0m 23T CWT Over Rear and sides													
Radius (m)		Tip boom 3.0m, offset 30°											
		25.8	25.8	25.8	25.8	25.8	25.8*	30.0	30.0	30.0	30.0	30.0	30.0*
3.0													
3.5													
4.0													
4.5													
5.0													
5.5		16.0	16.0	16.0	16.0	16.0	16.0						
6.0		15.0	15.0	16.0	16.0	16.0	16.0						
7.0		14.0	14.0	16.0	16.0	16.0	16.0	13.5	16.0	16.0	16.0	16.0	16.0
8.0		13.0	13.0	16.0	16.0	16.0	16.0	12.2	15.0	16.0	16.0	16.0	16.0
9.0		12.0	12.0	16.0	16.0	16.0	16.0	11.2	14.0	15.0	16.0	16.0	16.0
10.0		11.0	11.0	16.0	16.0	16.0	16.0	10.2	13.0	14.0	16.0	16.0	16.0
11.0		10.5	10.5	16.0	16.0	16.0	16.0	9.5	12.0	13.0	16.0	16.0	16.0
12.0		10.0	10.0	16.0	16.0	16.0	16.0	9.0	11.0	12.0	16.0	16.0	16.0
14.0		9.0	9.0	16.0	16.0	16.0	16.0	8.0	10.0	10.5	16.0	16.0	16.0
16.0		8.0	8.0	15.0	15.5	15.5	15.0	7.0	9.0	9.5	16.0	16.0	16.0
18.0		7.0	7.0	13.5	14.5	14.5	13.5	6.0	8.0	8.5	14.5	15.0	14.0
20.0		6.5	6.5	12.5	12.5	12.0	11.0	5.5	7.3	7.5	13.5	12.5	11.5
22.0		6.0	6.0	11.0	10.5	10.0	9.0	5.0	6.6	6.8	11.5	10.5	9.5
24.0								4.5	6.0	6.2	9.8	9.0	7.8
26.0								4.2	5.6	5.8	8.5	7.5	6.5
28.0													
30.0													
32.0													
34.0													
36.0													
38.0													
40.0													
42.0													
44.0													
46.0													
48.0													
50.0													
Reeving		3											
Hook		18t											
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

Outrigger fully extended 8.0m, 23T CWT, Over Rear and sides													
Radius (m)		Tip boom 3.0m, offset 30°											
		34.2	34.2	34.2	34.2	34.2	34.2*	38,4	38,4	38,4	38,4	38,4	38,4*
3.0													
3.5													
4.0													
4.5													
5.0													
5.5													
6.0													
7.0													
8.0		12.5	14.0	16.0	16.0	16.0	16.0						
9.0		11.5	13.0	16.0	16.0	16.0	16.0	12.0	14.0	16.0	16.0	16.0	16.0
10.0		10.5	12.0	15.0	15.0	16.0	16.0	11.0	13.0	15.0	16.0	16.0	16.0
11.0		10.0	11.0	14.0	14.0	16.0	16.0	10.0	12.0	14.0	16.0	16.0	16.0
12.0		9.5	10.0	13.0	13.0	16.0	16.0	9.5	11.5	13.0	15.5	16.0	16.0
14.0		8.5	9.0	12.0	12.0	15.0	16.0	8.1	10.0	11.0	14.0	15.0	15.5
16.0		7.5	8.0	10.5	10.5	14.0	15.0	7.2	9.0	10.0	12.5	14.5	15.0
18.0		6.5	7.0	9.5	9.5	13.5	14.5	6.3	8.0	8.8	11.0	13.0	14.5
20.0		6.0	6.5	8.5	8.5	13.0	12.0	5.7	7.0	7.8	10.0	11.8	12.5
22.0		5.5	5.8	7.7	7.7	11.0	10.0	5.1	6.5	7.0	9.0	10.5	10.5
24.0		5.0	5.3	7.0	7.0	9.5	8.5	4.6	6.0	6.4	8.0	9.2	9.0
26.0		4.5	4.8	6.5	6.5	8.0	7.0	4.2	5.5	5.8	7.5	8.0	7.8
28.0		4.2	4.5	6.0	6.0	7.0	6.0	3.8	5.1	5.3	7.0	7.0	6.5
30.0		3.9	4.2	5.5	5.5	6.0	5.0	3.5	4.7	4.8	6.0	6.0	5.6
32.0								3.2	4.3	4.4	5.3	5.2	4.8
34.0								3.0	3.9	4.1	4.6	4.5	4.1
36.0													
38.0													
40.0													
42.0													
44.0													
46.0													
48.0													
50.0													
Reeving		3											
Hook		18t											
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

TIP BOOM WORKING MODE

Unit: T

Outrigger fully extended 8.0m, 23T CWT, Over Rear and sides												
Radius (m)	Tip boom 3.0m, offset 30°											
	42.6	42.6	42.6	42.6	42.6	42.6*	46.8	46.8	46.8	46.8	46.8*	
3.0												
3.5												
4.0												
4.5												
5.0												
5.5												
6.0												
7.0												
8.0												
9.0												
10.0												
11.0	10.5	12.0	14.0	16.0	16.0	16.0	10.5	12.0	14.0	16.0	16.0	
12.0	10.0	11.0	13.0	15.0	15.0	15.0	9.5	11.0	13.0	16.0	16.0	
14.0	9.0	9.5	11.5	13.5	14.5	14.5	9.0	10.5	12.5	15.0	15.0	
16.0	8.0	8.5	10.0	12.5	14.0	14.0	8.0	9.5	11.5	13.5	14.5	
18.0	7.1	7.7	9.1	11.5	13.0	13.5	7.0	8.5	10.0	12.0	13.0	
20.0	6.4	7.1	8.4	10.5	12.5	12.0	6.5	7.8	9.0	11.0	12.0	
22.0	5.8	6.3	7.6	9.5	10.5	10.0	5.7	7.0	8.5	10.0	10.0	
24.0	5.2	5.7	7.0	8.5	9.0	8.5	5.2	6.4	7.4	9.0	8.5	
26.0	4.8	5.2	6.4	7.7	7.7	7.2	4.8	5.8	6.8	7.6	7.1	
28.0	4.4	4.7	5.9	6.9	6.5	6.0	4.4	5.3	6.3	6.5	6.0	
30.0	4.1	4.3	5.3	6.0	5.5	5.0	4.0	4.8	5.8	5.6	5.1	
32.0	3.8	3.8	4.8	5.2	4.7	4.2	3.6	4.4	5.3	4.7	4.2	
34.0	3.5	3.5	4.5	4.5	4.0	3.5	3.3	4.0	4.6	4.0	3.5	
36.0	3.2	3.2	4.0	3.8	3.3	2.9	3.0	3.7	4.0	3.4	2.9	
38.0	3.0	3.0	3.5	3.3	2.8	2.4	2.7	3.4	3.4	2.8	2.3	
40.0							2.5	3.1	2.9	2.3	1.8	
42.0							2.3	2.8	2.5	1.9	1.4	
44.0												
46.0												
48.0												
50.0												
Reeving	3											
Hook	18t											
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

Unit: T

Unit: T

Outrigger fully extended 8.0m, 23T CWT, Over Rear and sides												
Radius (m)	Tip boom 3.0m, offset 30°											
	51.0	51.0	51.0	51.0*	55.2	55.2	55.2*	59.4	59.4*	63.6*	70.0*	
4.0												
4.5												
5.0												
5.5												
6.0												
7.0												
8.0												
9.0												
10.0												
11.0												
12.0												
14.0	9.5	11.0	12.5	14.0	9.5	11.0	12.0					
16.0	8.5	10.0	11.5	13.0	8.7	10.0	11.0	9.0	10.0			
18.0	7.5	9.0	10.5	12.0	8.1	9.3	10.0	8.5	9.5	7.8		
20.0	7.0	8.2	9.5	11.0	7.5	8.6	9.4	8.0	8.8	7.5	6.5	
22.0	6.5	7.5	8.7	10.0	6.9	8.0	8.8	7.5	8.2	7.2	6.2	
24.0	5.7	6.9	8.0	8.5	6.3	7.4	8.2	6.8	7.5	6.9	6.0	
26.0	5.2	6.3	7.4	7.2	5.8	6.8	7.5	6.2	6.9	6.4	5.7	
28.0	4.8	5.7	6.7	6.2	5.3	6.2	6.4	5.7	6.4	5.9	5.3	
30.0	4.4	5.3	5.8	5.3	4.8	5.7	5.4	5.3	5.8	5.4	4.9	
32.0	4.1	4.8	5.0	4.5	4.4	5.3	4.6	4.9	5.0	5.0	4.5	
34.0	3.8	4.4	4.2	3.7	4.1	4.5	3.9	4.5	4.3	4.5	4.2	
36.0	3.5	4.0	3.6	3.1	3.8	4.0	3.3	4.1	3.6	3.8	3.9	
38.0	3.2	3.7	3.0	2.5	3.5	3.4	2.7	3.6	3.0	3.4	3.5	
40.0	2.9	3.2	2.5	2.0	3.2	2.9	2.2	3.1	2.5	2.9	3.0	
42.0	2.6	2.7	2.1	1.5	2.9	2.4	1.7	2.7	2.0	2.4	2.5	
44.0	2.4	2.3	1.7	1.1	2.6	2.0	1.3	2.3	1.6	2.0	2.1	
46.0					2.2	1.6	1.0	1.9	1.2	1.6	1.7	
48.0								1.6	0.9	1.2	1.3	
50.0										0.9	1.0	
Reeving	3						2					
Hook	60t											
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

Unit: T

TECHNICAL SPECIFICATIONS

 Crane Superstructure	
Main boom	7 section U-shaped main boom, made of high-tensile steel plate (960 Mpa). Main boom length: 13.2m-70.0m.
Jib	Standard 2 section lattice jibs(10.4m,17.5m), offset: 0°, 15°, 30°. 9.5m jib extension can be applied with main boom or standard jibs and it's optional.
Tip boom	Optional 3m tip boom with offset 0°,30°, max. reeving 3, max. lifting load 18T. It can be attached with thecrane during transportation.
Winch	Main winch and auxiliary winch with variable displacement piston motors and planetary reducers. Anti-twist wire ropes, diameter 20mm.
Slewing gear	Dual hydraulic fixed displacement motors, planetary reducer and slewing bearing. Free slewing function
Hydraulic system	Electronic and hydraulic proportional control system with better micro-position movement and compound movements. Hydraulic tank 740 liters.
Electrical system	DC 24V, superstructure with CAN BUS technology.
Operator's cab	New cab with spacious room and man-machine friendly layout offers a comfortable operating experience. AC and heater.
Safety devices	LMI, limit switch, relief valve, emergency stop button etc.
Counterweight	Counterweight ballasting system with 34T total counterweights, among which 11T are optional.

 Crane Carrier	
Chassis frame	Made by ZOOMLION with high-tensile steel plate.
Outrigger	2 stage H-type outriggers with wide spread 6.94m(W)*8m(L). 5th outrigger.
Engine	WEICHAI WP12.375E50 diesel engine, output 276KW, max. torque 1800N*m. Fuel tank 400 liters.
Transmission	FAST mechanical gear box with 10 forward gears and 2 reverse gears. Optional auto transmission with 10 forward gears and 1 reverse gear.
Axles	Axle I, II, V are steering axles and axle III, IV are driving axles.
Suspension	Axle I, II are leaf steel spring suspension and axle III, IV are leaf steel spring suspension + balance beam + thrust rod suspension, axle V is guide beam air suspension, load performance can be adjusted according to different air pressure.
Steering	Axle I, II, V are steering with power steering assistant system.
Brake	Service brake, parking brake and emergency brake and auxiliary brake.
Tires	385 / 95R25(axle I,II), 325 / 95R24(axle III, IV), 325 / 95R24 or 415 / 80R22(axle V)
Driver's cab	Modern and luxury driver's cab with man-machine friendly layout offers a comfortable operating experience. AC and heater.

TECHNICAL PARAMETERS

Item			Value	Remarks
Working performance	Max. rated lifting capacity	kg	100000	
	Max. load moment of basic boom	kN.m	3611	
	Max. load moment of max. length main boom	kN.m	1646	
	Max. lifting height of basic boom	m	14.4	
	Max. lifting height of main boom	m	70.6	
	Max. lifting height of jib	m	87.8	Main boom length:70m
	Max. lifting height of jib (9.5mjib extension+7m standard jib)	m	97.8	Main boom length:63.6m
Working speeds	Max. hoist rope speed (Main winch)	m/min	130	
	Max. hoist rope speed (Auxiliary winch)	m/min	110	
	Boom derricking up time	s	60	
	Boom telescoping out time	s	750	
	Slewing speed	r/min	0~1.6	
Driving speeds	Max. driving speed	km/h	≥80	
	Max. gradeability	%	40	
	Min. turning diameter	m	24	
	Min. ground clearance	mm	310	
	Oil consumption per hundred kilometer	L	46	
Mass	Deadweight in driving condition	kg	54000	
	Complete vehicle kerb mass	kg	53805	
	Axle I, II load	kg	23000	
	Axle III,IV load	kg	21000	
	Axle load	kg	10000	
Dimensions	Overall dimensions (L × W × H)	mm	15700×3000×3920	
	Outrigger spread (L)	m	6.94	
	Outrigger spread (W)	m	8.0	
	Tail slewing radius	mm	4760	
	Main boom length	m	13.2~70.0	
	Boom angle	°	-1~80	
	Jib length	m	10.4, 17.5	
	Jib offset	°	0, 15, 30	
	Jib extension	m	9.5	Optional
	Jib extension offset	°	0	
	Standard jib	m	7	Optional
	Standard jib Offset	°	0	
	Tip boom	m	3	Optional
	Tip boom offset	°	30	