

WITH **GREAT POWER**
COMES **GREAT RESPONSIBILITY**

The strong shoulder heavy responsibilities

ZTC250A5-3 series BN20221209

ZTC250A5-3

Zoomlion ZTC250A5-3 series truck cranes



ZOOMLION

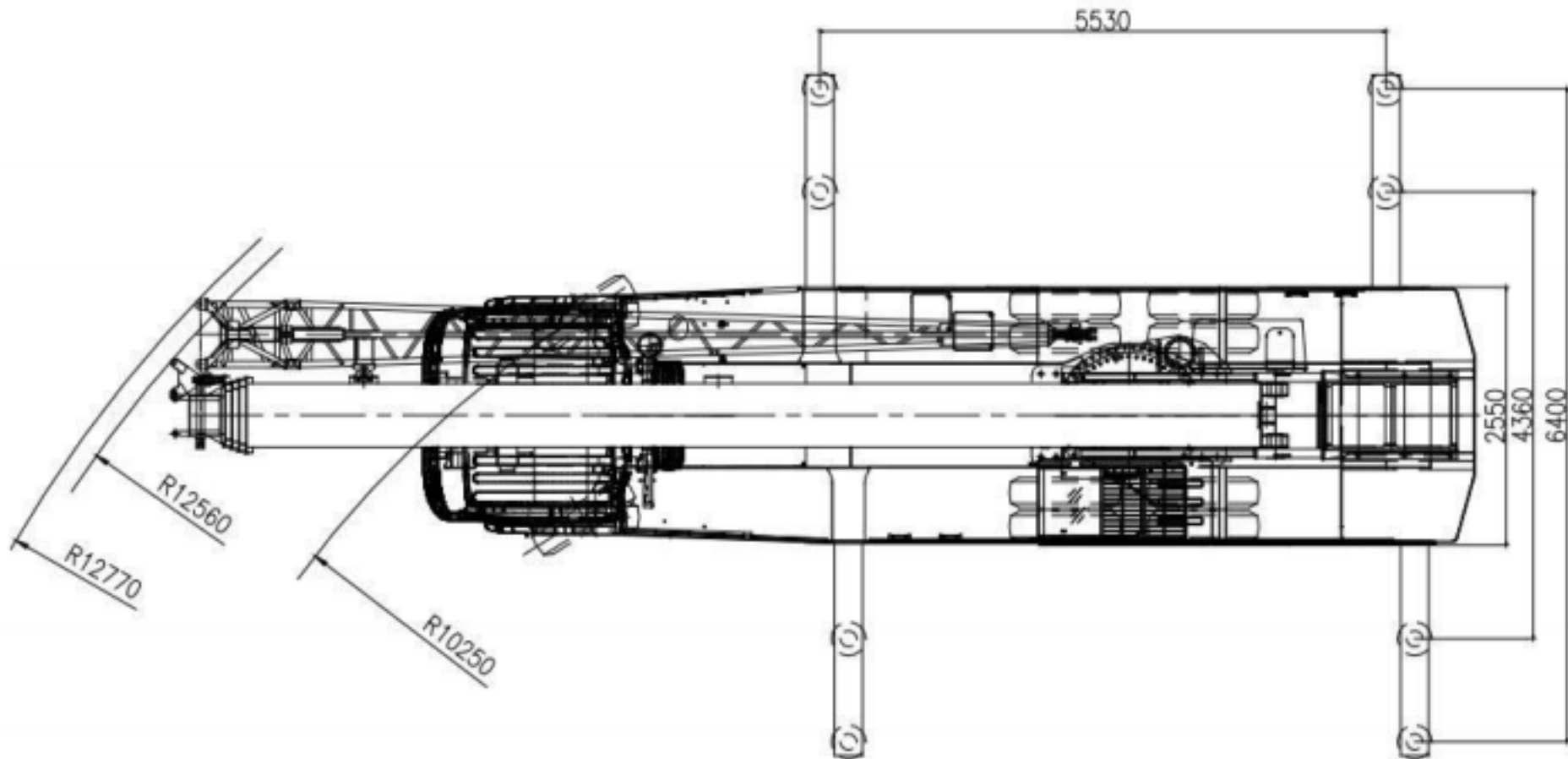
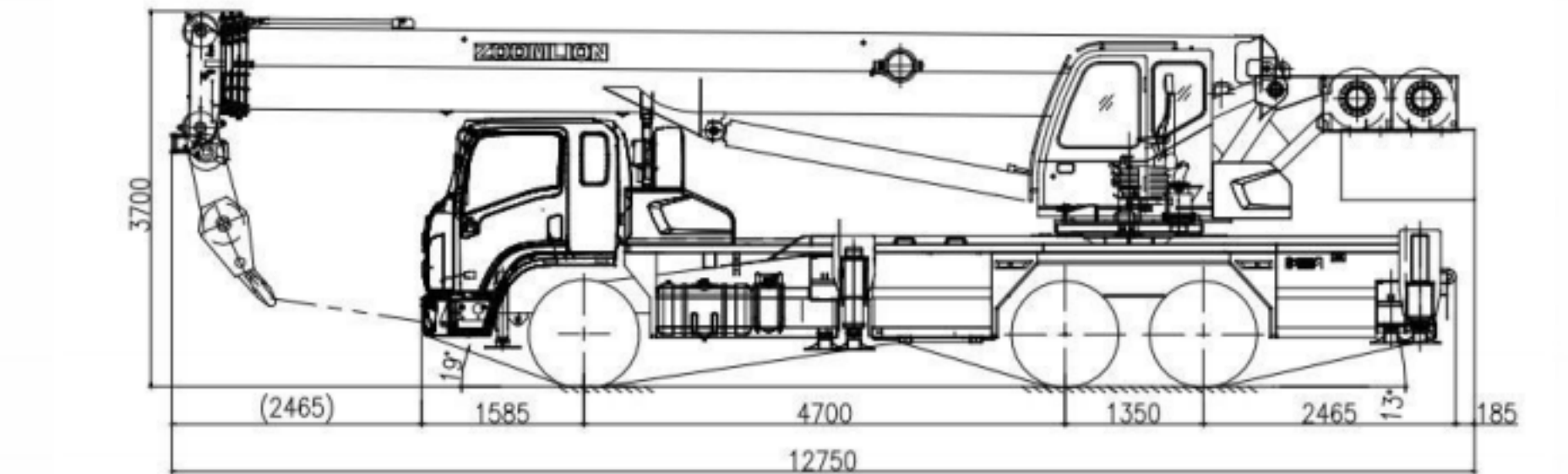
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Main Technical Parameters

Item			ZTC250A562-3 (Fashion Edition)	ZTC250A562-3.1 (Classic Edition)	Remark	
 Working Performance	Maximum Rated Lifting Capacity		25000		Without considering boom deformation Fourth floor	
	Maximum Lifting Moment of Basic Boom		kN.m	1098		
	Maximum Lifting Moment of Longest Main Boom		kN.m	734		
	Maximum Lifting Height of Main Boom		m	10.3		
	Maximum lifting height of main boom		m	41.3		
	Maximum lifting height of the auxiliary boom		m	49.5		
 Working Speed	Maximum speed of a single hoist (main winch)		m/min	125	Fourth floor	
	Maximum speed of a single rope (secondary winch)		m/min	125		
	Boom Hoisting/Lowering Time		s	33/80		
	Boom Telescoping Time		s	75/80		
	Outrigger Retraction/Extension Time(Horizontal)		s	20/28		
	Outrigger Retraction/Extension Time (Vertical)		s	20/28		
	Slewing Speed		r/min	0 ~ 2.8		
 Travel Parameters	Maximum Operating		m	2000		
	AltitudeMaximum Travel Speed		km/h	85		
	Maximum Gradeability		%	43		
	Minimum Turning Diameter		m	20.5		
	Approach Angle		°	19		
	Departure Angle		°	13		
	Minimum Ground Clearance		mm	250		
	Fuel Consumption per 100km		L	26		
 Quality parameters	Gross Vehicle Weight (GMT+8)		kg	31200		
	Curb Weight		kg	31070		
	Front Axle Load		kg	6350		
	Rear Axle Load		kg	24850		
 Dimensions	External Dimensions (Length × Width × Height)		mm	12750 × 2550 × 3700	12750 × 2550 × 3620	
	Outrigger Distance (Longitudinal)		m	5.53		
	Outrigger Lateral Distance (Lateral)		m	Full extension 6.4, half extension 4.36		
	Turning Radius		mm	3420		
	Main boom length		m	10.5 ~ 41.0		
	Main boom elevation angle		°	-2 ~ 80		
	Side boom length		m	8.5		
	Side boom mounting angle		°	0、15、30		
 Chassis and engine	Model		YCS06270-61			
	Rated power/speed Maximum		kW/r/min	199/2300		
	output torque		N.m/r/min	1050/(1200~1700)		
	Manufacturer		Guangxi Yuchai Machinery Co., Ltd.			
	Model		ZLJ5331JQZA6(ZTC250A562-3.1)/ZLJ5330JQZA6(ZTC250A562-3)			
	Category		II			
	Emission Values and Smoke Limits for Exhaust Pollutants		conform to GB3847-2018、GB17691-2018(National VI standard)			
Manufacturer		Zoomlion Heavy Industry Science & Technology Co., Ltd.				

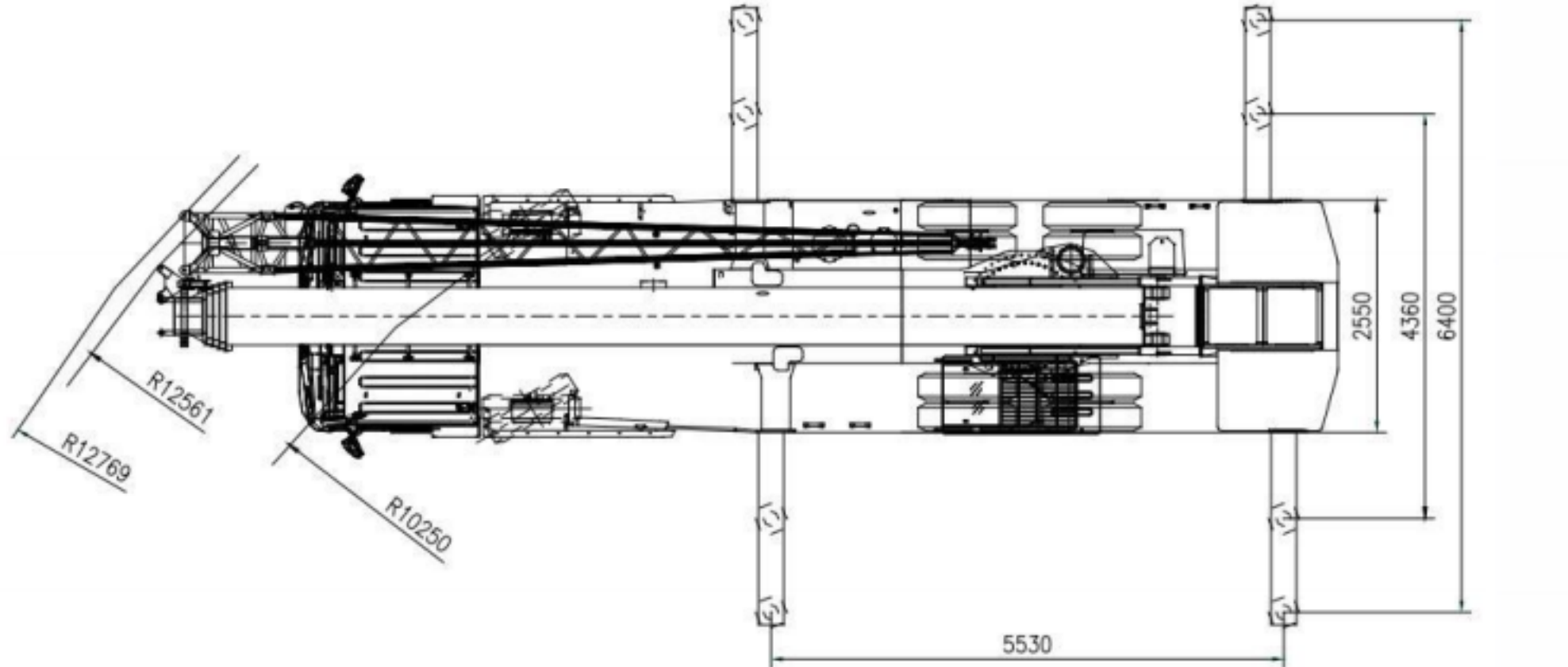
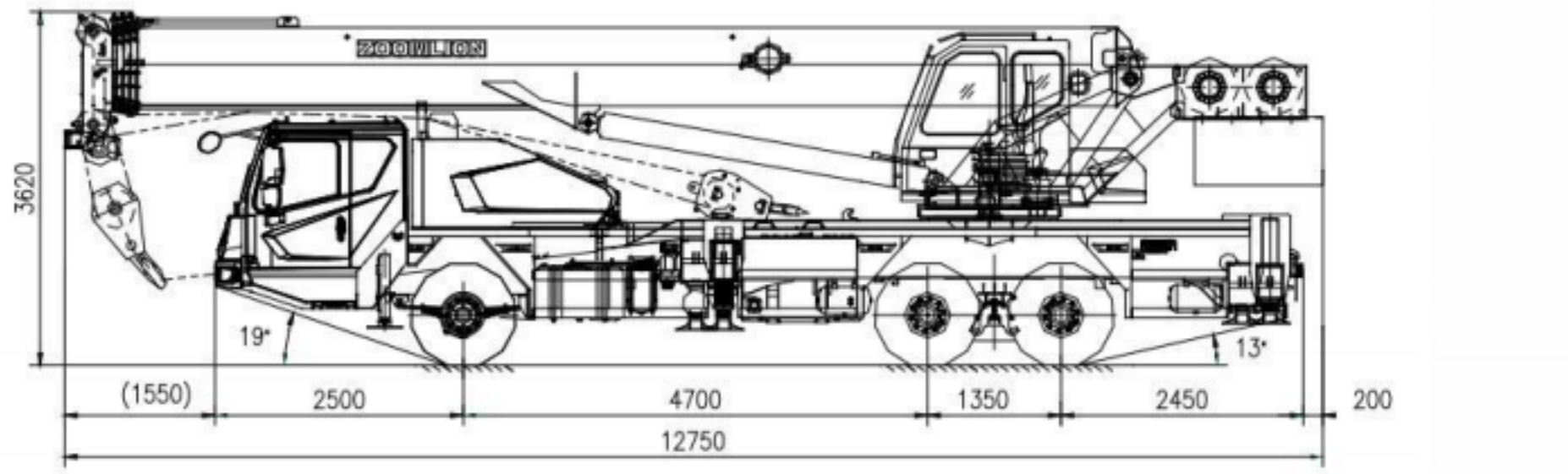


Outline Dimensions



Applicable to ZTC250A562-3
Unit of measurement: millimeters

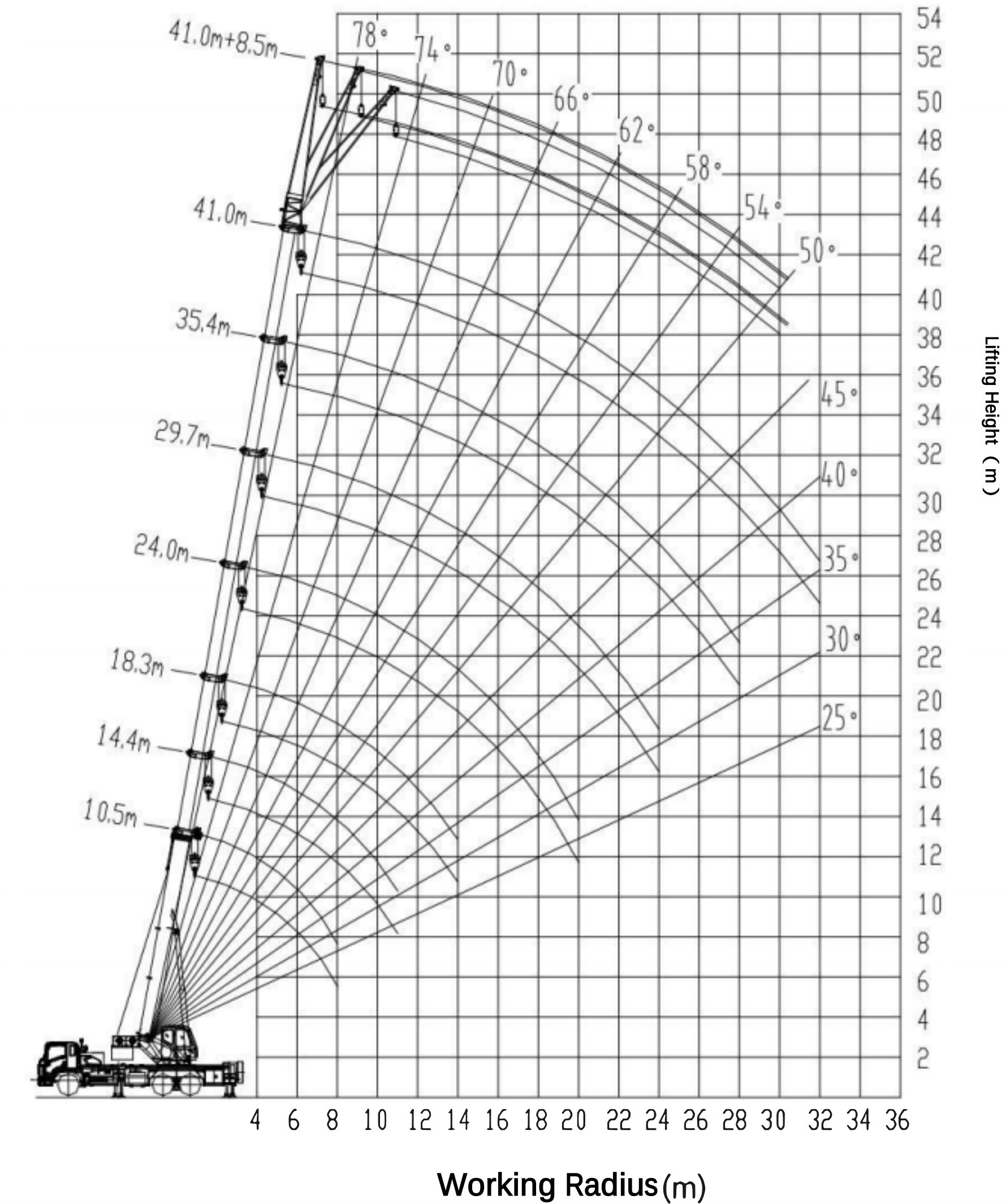
Outline Dimensions



Applicable to ZTC250A562-3.1
Unit of measurement: millimeters

Lifting Height Curve

(Applicable to ZTC25A562-3 and ZTC250A562-3.1)



Rated Lifting Capacity Chart (ZTC250A562-3 Fashion Version)

Table 1		Unit : kg						
Working Radius (m)	Main Boom (m)							
	Cylinder 1 Extended to 100%, Outriggers Fully Extended, Side & Rear Operation							
	10,5	14,4	18,3	24	29,7	35,4	41	
3	25000	25000						
3,5	25000	25000	19500					
4	24800	24000	19500					
4,5	23200	22600	19500	17600				
5	22400	20900	19000	17600				
5,5	20100	19400	18500	17400	13500			
6	18400	18000	17000	16400	13500			
6,5	17000	16650	15800	15500	13000			
7	15550	15200	14800	14500	12800	10000		
7,5	14200	13950	13700	13900	12450	10000		
8	13150	12850	12650	12600	11600	9800		
9		10700	10500	11300	10300	9150	6800	
10		8750	8550	9300	9100	8100	6800	
11		7200	7050	7800	8100	7500	6500	
12		5700	5800	6500	7050	6900	6000	
13			4850	5600	6050	6150	5600	
14			4050	4800	5200	5550	5200	
15				4100	4500	4850	4900	
16				3500	3950	4250	4400	
18				2600	3050	3300	3550	
20				1900	2300	2600	2800	
22					1750	2050	2250	
24					1300	1600	1800	
26						1200	1400	
28						900	1100	
30							800	
32							600	
I	0	3,9	7,8	7,8	7,8	7,8	7,8	
	0	0	0	5,7	11,4	17,0	22,7	
Rope Reeving Ratio	8	8	6	5	4	3	3	
Hook	25t Hook							

Rated Lifting Capacity Chart (ZTC250A562-3 Fashion Version)

Table 2		Unit: : kg				
Working Radius (m)	Main Boom¹ (m)					
	Cylinder 1 Extended to 50%, Outriggers Fully Extended, Side & Rear Operation					
	10,5	14,4	20,1	25,8	31,5	37,1
3	25000	25000				
3,5	25000	25000				
4	24800	24000	17600			
4,5	23200	22600	17600			
5	22400	20900	17600	16000		
5,5	20100	19400	17600	16000	10400	
6	18400	18000	17600	16000	10400	
6,5	17000	16650	16600	16000	10400	
7	15550	15200	15300	15200	10400	
7,5	14200	13950	14400	14300	10400	7500
8	13150	12850	13500	13500	10000	7500
9		10700	11600	12000	9400	7500
10		8750	9600	10100	8600	7100
11		7200	8100	8550	7900	6550
12		5700	6850	7300	7300	6050
13			5850	6300	6600	5600
14			5000	5450	5750	5200
15			4350	4800	5050	4900
16			3750	4200	4500	4600
18				3250	3550	3750
20				2550	2800	3000
22				2000	2250	2450
24					1800	2000
26					1400	1600
28						1300
30						1000
32						750
I	0	3,9	3,9	3,9	3,9	3,9
	0	0	5,7	11,4	17,0	22,7
Rope Reeving Ratio	8	8	5	4	3	3
Hook	25t Hook					

Table 3		Unit: : kg			
Working Radius (m)	Main Boom (m)				
	Cylinder 1 Extended to 0%, Outriggers Fully Extended, Side & Rear Operation				
	10,5	16,2	21,9	27,6	33,2
3	25000	17600			
3,5	25000	17600			
4	24800	17600	16000		
4,5	23200	17600	16000		
5	22400	17600	16000	11500	
5,5	20100	17600	16000	11500	
6	18400	17600	16000	11500	
6,5	17000	17600	16000	11200	7800
7	15550	16300	16000	10650	7800
7,5	14200	14600	15000	10100	7800
8	13150	13600	14300	9600	7800
9		11900	12300	8650	7350
10		10000	10400	7900	6700
11		8500	8900	7300	6150
12		7200	7700	6700	5650
13		6200	6600	6250	5250
14			5800	5800	4850
15			4950	5250	4550
16			4500	4800	4250
18			3600	3850	3750
20				3100	3300
22				2550	2700
24					2250
26					1850
28					1550
I	0	0	0	0	0
	0	5,7	11,4	17,0	22,7
Rope Reeving Ratio	8	6	5	4	3
Hook	25t Hook				

Rated Lifting Capacity Chart (ZTC250A562-3 Fashion Version)

Table 4		Unit: : kg						
Working Radius (m)	Main Boom(m)							
	Cylinder 1 Extended to 100%, Outriggers Fully Extended, Side & Rear Operation							
	10,5	14,4	18,3	24	29,7	35,4	41	
3	25000	25000						
3.5	25000	25000	19500					
4	24800	24700	19500					
4.5	21800	21300	19500	17600				
5	19400	18900	18100	17600				
5.5	16000	15500	15300	15600	13500			
6	13500	13000	12800	13400	13500			
6.5	11500	11100	10900	11700	11900			
7	10000	9600	9400	10200	10600	10000		
7.5	8700	8400	8100	8900	9400	9600		
8	7700	7300	7100	7900	8400	8700		
9		5700	5500	6300	6700	7100	6800	
10		4600	4400	5100	5500	5800	6100	
11		3600	3500	4100	4600	4900	5100	
12		2900	2700	3400	3800	4100	4300	
13			2100	2800	3200	3500	3700	
14			1600	2300	2700	3000	3200	
15				1900	2200	2500	2700	
16				1500	1900	2100	2300	
18				900	1300	1500	1700	
20					800	1100	1200	
22						700	900	
24							500	
I	0	3.9	7.8	7.8	7.8	7.8	7.8	
	0	0	0	5.7	11.4	17.0	22.7	
Rope Reeving Ratio	8	8	6	5	4	3	3	
Hook	25t Hook							

Table 5		Unit : kg				
Working Radius (m)	Main Boom(m)					
	Cylinder 1 Extended to 50%, Outriggers Fully Extended, Side & Rear Operation					
	10,5	14,4	20,1	25,8	31,5	37,1
3	25000	25000				
3,5	25000	25000				
4	24800	24700	17600			
4,5	21800	21300	17600			
5	19400	18900	17600	16000		
5,5	16000	15500	16400	16000	10400	
6	13500	13000	14000	14200	10400	
6,5	11500	11100	12000	12500	10400	
7	10000	9600	10500	11000	10400	
7,5	8700	8400	9200	9700	10000	7500
8	7700	7300	8200	8700	9000	7500
9		5700	6500	7000	7300	7500
10		4600	5300	5800	6100	6300
11		3600	4400	4800	5100	5300
12		2900	3600	4100	4300	4500
13			3000	3400	3700	3900
14			2500	2900	3200	3400
15			2100	2500	2700	2900
16			1700	2100	2400	2500
18				1500	1800	1900
20				1000	1300	1400
22				600	900	1100
24					600	700
26						500
I	0	3,9	3,9	3,9	3,9	3,9
II	0	0	5,7	11,4	17,0	22,7
Rope Reeving Ratio	8	8	5	4	3	3
Hook	25t Hook					

Rated Lifting Capacity Chart (ZTC250A562-3 Fashion Version)

Table 6		Unit : kg			
Working Radius (m)	Main Boom(m)				
	Cylinder 1 Extended to 0%, Outriggers Fully Extended, Side & Rear Operation				
	10,5	16,2	21,9	27,6	33,2
3	25000	17600			
3,5	25000	17600			
4	24800	17600	16000		
4,5	21800	17600	16000		
5	19400	17600	16000	11500	
5,5	16000	17200	16000	11500	
6	13500	14500	15000	11500	
6,5	11500	12500	13000	11000	7800
7	10000	11000	11400	10500	7800
7,5	8700	9700	10100	9900	7800
8	7700	8600	9100	9400	7800
9		7000	7400	7700	7200
10		5700	6100	6400	6500
11		4800	5200	5400	5600
12		4000	4400	4600	4800
13		3400	3800	4000	4200
14			3300	3500	3600
15			2800	3000	3200
16			2400	2700	2800
18			1800	2000	2200
20				1600	1700
22				1200	1300
24					1000
26					700
28					500
I	0	0	0	0	0
	0	5,7	11,4	17,0	22,7
Rope Reeving Ratio	8	6	5	4	3
Hook	25tHook				

Table 7		Unit: : kg		
Working Radius (m)	Main Boom(m)+secondary arm(m)			
	full extension of the supporting leg			
	41,0+8,5			
	0°	15°	30°	
	Rear and side	Rear and side	Rear and side	
80	2800	2800	2100	
78	2800	2800	2050	
76	2800	2500	2000	
74	2800	2400	1900	
72	2800	2200	1800	
70	2700	2100	1700	
68	2300	2000	1600	
66	2300	1800	1550	
64	2050	1750	1500	
62	1750	1600	1450	
60	1500	1400	1350	
58	1300	1200	1150	
56	1100	1000	1000	
54	950	900	850	
52	800	750	700	
50	650	650	600	
Rope Reeving Ratio	1			
Hook	3t Hook			

Rated lifting capacity table (ZTC250A562-3.1 Classic Edition)

Table 8		Unit : kg						
Working Radius (m)	Main Boom(m)							
	Cylinder 1 Extended to 100%, Outriggers Fully Extended, Side & Rear Operation							
	10,5	14,4	18,3	24	29,7	35,4	41	
3	25000	25000						
3,5	25000	25000	19500					
4	24800	24200	19500					
4,5	23200	22600	19500	17600				
5	22400	20900	19500	17600				
5,5	20100	19400	18500	17600	13500			
6	18400	18000	17200	16700	13500			
6,5	17000	16800	16000	15800	13500			
7	15600	15200	14700	14800	13050	10000		
7,5	14200	13900	13700	13900	12450	10000		
8	13300	12800	12500	13100	11800	9900		
9		11000	11000	11300	10650	9100	6800	
10		9050	8850	9650	9650	8300	6800	
11		7400	7250	8000	8500	7500	6600	
12		6150	6000	6750	7200	6900	6150	
13			5000	5750	6200	6400	5750	
14			4200	4900	5350	5700	5350	
15				4200	4650	4950	4950	
16				3650	4050	4350	4600	
18				2700	3100	3450	3650	
20				2000	2400	2700	2900	
22					1850	2150	2300	
24					1400	1650	1850	
26						1250	1450	
28						950	1150	
30							850	
32							650	
I	0	3,9	7,8	7,8	7,8	7,8	7,8	
II	0	0	0	5,7	11,4	17,0	22,7	
Rope Reeving Ratio	8	8	6	5	4	3	3	
Hook	25t Hook							

Table 9		Unit: : kg				
Working Radius (m)	Main Boom(m)					
	Cylinder 1 Extended to 50%, Outriggers Fully Extended, Side & Rear Operation					
	10,5	14,4	20,1	25,8	31,5	37,1
3	25000	25000				
3,5	25000	25000				
4	24800	24200	17600			
4,5	23200	22600	17600			
5	22400	20900	17600	16000		
5,5	20100	19400	17600	16000		
6	18400	18000	17600	16000		
6,5	17000	16300	16600	16000	10400	
7	15600	15200	15300	15200	10400	
7,5	14200	13900	14400	14300	10400	7500
8	13300	12800	13500	13500	10000	7500
9		11000	12000	12100	9400	7500
10		9050	9950	10450	8600	7100
11		7400	8300	8800	7900	6550
12		6150	7000	7500	7300	6050
13			6000	6450	6750	5600
14			5100	5600	5900	5200
15			4450	4900	5200	4900
16			3850	4300	4600	4600
18				3350	3650	3850
20				2650	2900	3100
22				2050	2350	2500
24					1850	2050
26					1500	1650
28						1350
30						1050
32						800
I	0	3,9	3,9	3,9	3,9	3,9
	0	0	5,7	11,4	17,0	22,7
Rope Reeving Ratio	8	8	5	4	3	3
Hook	25t Hook					

Rated lifting capacity table (ZTC250A562-3.1 Classic Edition)

Table 10		Unit : kg			
Working Radius (m)	Main Boom(m)				
	Cylinder 1 Extended to 0%, Outriggers Fully Extended, Side & Rear Operation				
	10,5	16,2	21,9	27,6	33,2
3	25000	17600			
3,5	25000	17600			
4	24800	17600	16000		
4,5	23200	17600	16000		
5	22400	17600	16000	11500	
5,5	20100	17600	16000	11500	
6	18400	17600	16000	11500	
6,5	17000	17600	16000	11200	7800
7	15600	16300	16000	10650	7800
7,5	14200	14900	15000	10100	7800
8	13300	13800	14300	9600	7800
9		12100	12400	8650	7350
10		10400	10900	7900	6700
11		8750	9200	7300	6150
12		7450	7900	6700	5650
13		6400	6850	6250	5250
14			6000	5800	4850
15			5250	5450	4550
16			4650	4900	4250
18			3700	3950	3750
20				3200	3350
22				2650	2800
24					2300
26					1950
28					1600
I	0	0	0	0	0
II	0	5,7	11,4	17,0	22,7
Rope Reeving Ratio	8	6	5	4	3
Hook	25tHook				

Table 11		Unit: : kg						
Working Radius (m)	Main Boom(m)							
	Cylinder I extended to 100%, outriggers partially extended, for side and rear operations.							
	10,5	14,4	18,3	24	29,7	35,4	41	
3	25000	25000						
3,5	25000	25000	19500					
4	24800	24700	19500					
4,5	21800	21300	19500	17600				
5	19400	19000	18500	17600				
5,5	16400	15900	15600	15900	13500			
6	13800	13300	13100	13800	13500			
6,5	11800	11400	11200	12000	12200			
7	10200	9800	9600	10400	10800	10000		
7,5	9000	8600	8400	9200	9700	9900		
8	7900	7500	7300	8100	8600	8900		
9		5900	5700	6500	6900	7300	6800	
10		4700	4500	5200	5700	6000	6300	
11		3800	3600	4300	4700	5000	5300	
12		3000	2900	3500	3900	4200	4500	
13			2200	2900	3300	3600	3800	
14			1700	2400	2800	3100	3300	
15				2000	2300	2600	2800	
16				1600	2000	2200	2400	
18				1000	1300	1600	1800	
20				500	900	1100	1300	
22					500	700	900	
24							600	
I	0	3,9	7,8	7,8	7,8	7,8	7,8	
II	0	0	0	5,7	11,4	17,0	22,7	
Rope Reeving Ratio	8	8	6	5	4	3	3	
Hook	25t Hook							

Rated lifting capacity table (ZTC250A562-3.1 Classic Edition)

Table 12		Unit: : kg				
Working Radius (m)	Main Boom(m)					
	Cylinder 1 Extended to 50%, Outriggers Fully Extended, Side & Rear Operation					
	10,5	14,4	20,1	25,8	31,5	37,1
2	25000	25000				
3,5	25000	25000				
4	24800	24700	17600			
4,5	21800	21300	17600			
5	19400	19000	17600	16000		
5,5	16400	15900	16800	16000		
6	13800	13300	14300	14500		
6,5	11800	11400	12300	12800	10400	
7	10200	9800	10700	11300	10400	
7,5	9000	8600	9500	10000	10300	7500
8	7900	7500	8400	8900	9200	7500
9		5900	6700	7200	7500	7500
10		4700	5500	5900	6200	6500
11		3800	4500	5000	5200	5500
12		3000	3800	4200	4500	4700
13			3100	3600	3800	4000
14			2600	3000	3300	3500
15			2200	2600	2800	3000
16			1800	2200	2500	2600
18				1600	1800	2000
20				1100	1300	1500
22				700	1000	1100
24					600	800
26						500
I	0	3,9	3,9	3,9	3,9	3,9
II	0	0	5,7	11,4	17,0	22,7
Rope Reeving Ratio	8	8	5	4	3	3
Hook	25t Hook					

Table 13		Unit : kg				
Working Radius (m)	Main Boom(m)					
	Cylinder 1 Extended to 0%, Outriggers Fully Extended, Side & Rear Operation					
	10,5	16,2	21,9	27,6	33,2	
3	25000	17600				
3.5	25000	17600				
4	24800	17600	16000			
4.5	21800	17600	16000			
5	19400	17600	16000	11500		
5.5	16400	17600	16000	11500		
6	13800	14800	15300	11500		
6.5	11800	12800	13300	11000	7800	
7	10200	11200	11700	10500	7800	
7.5	9000	9900	10400	9900	7800	
8	7900	8800	9300	9400	7800	
9		7200	7600	7800	7200	
10		5900	6300	6600	6600	
11		4900	5300	5600	5700	
12		4100	4500	4800	4900	
		3500	3900	4100	4300	
14			3400	3600	3700	
15			2900	3100	3300	
16			2500	2800	2900	
18			1900	2100	2300	
20				1600	1800	
22				1200	1400	
24					1000	
26					800	
28					500	
	0	0	0	0	0	
	0	5,7	11,4	17,0	22,7	
Rope Reeving Ratio	8	6	5	4	3	
Hook			25t Hook			

Rated lifting capacity table (ZTC250A562-3.1 Classic Edition)

Table 14		Unit: : kg	
Main boom elevation angle (°)	Main Boom(m)+secondary arm(m)		
	full extension of the supporting leg		
	41,0+8,5		
	0° 后、侧方	15° 后、侧方	30° 后、侧方
80	2800	2800	2150
78	2800	2800	2050
76	2800	2500	2000
74	2800	2400	1900
72	2800	2200	1800
70	2700	2100	1700
68	2500	2000	1600
66	2400	1800	1550
64	2100	1750	1500
62	1850	1600	1450
60	1550	1400	1400
58	1350	1250	1200
56	1150	1100	1050
54	1000	950	900
52	800	750	700
50	700	650	600
Rope Reeving Ratio	1		
Hook	3t Hook		