

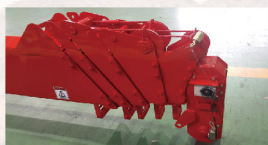
15TON TRUCK MOUNTED CRANE



ZTON 1505/1506

Korea's leading special vehicle manufacturer

Options



Overwinding Alarm



Oil Cooler



Overloading Prevention System



Overwinding Prevention System



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ZTON1505/1506

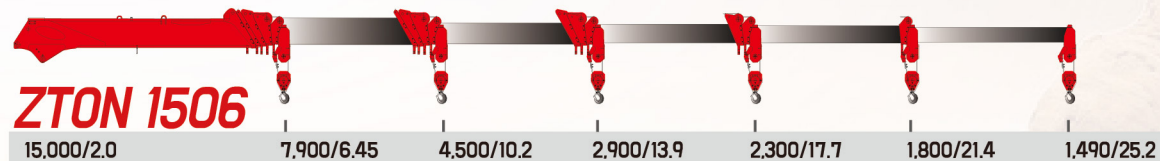


Specification

DESCRIPTION	UNITS	ZTON1505	ZTON 1506	
Lifting Capacity	ton-meter	42.0	51.0	
Lifting Capacity / Outreach	kg/m	15,000 / 2.5	15,000 / 2.0	
		7,550 / 5.4	7,900 / 6.45	
		3,900 / 9.1	4,500 / 10.2	
		2,620 / 12.7	2,900 / 13.9	
		1,930 / 16.4	2,300 / 17.7	
		1,490 / 20.0	1,800 / 21.4	
Working Radius	m	20.0	25.2	
Max. Working Height	m	23.0	27.8	
Rated Oil Flow(1000RPM)	cc/rev	90 x 90	90 x 90	
Working Pressure	kg/cm ²	210 / 210(Winch)	220 / 220(Winch)	
Shape Of Boom		Hexagonal box construction, 5 section boom with 2extension cylinder	Hexagonal box construction, 5 section boom with 2extension cylinder	
Boom Length	m	Min. 5.72 ~ Max. 20.32	Min. 5.73 ~ Max. 20.93	
Boom Extending Speed	m/sec	14.6 / 38	18.7 / 50	
Boom Raising Speed	°/sec	0 ~ 80 / 20	-10 ~ 80 / 30	
Slewing Angle	°	360° continuous	360° continuous	
Slewing Speed	r.p.m	1.5	2.2	
Wire Rope	Ø x m	Hercules 19x7 Ø14 x 100m	Hercules 19x7 Ø14 x 100m	
Hook Speed	m/min	15 (4th layer / 4 fall lines)	15 (4th layer / 4 fall lines)	
Winch Type		Hyd. motor driven, spur gear speed reduction with hydraulic brake	2 speed winch, hydraulic motor driven, planetary gear reduction with hydraulic brake	
Slewing Gear Type		Hyd. motor driven, combined type of planetary gear and worm gear speed reduction with hydraulic brake	Hyd. motor driven, combined type of planetary gear and worm gear speed reduction with hydraulic brake	
Outrigger system	Front	Type	H-type, two stage horizontally & Vertically Hydraulic operated	H-type, two stage horizontally & Vertically Hydraulic operated
		Span	m	Max. 6.3
	Rear	Type	H-type, single stage horizontally & Vertically Hydraulic operated	H-type, single stage horizontally & Vertically Hydraulic operated
		Span	m	Max. 4.7
Truck chassis, recommended	ton	15.0 above	15.0 above	
Standard Safety Devices		1. Pressure relief valve for hydraulic circuit 2. Counter balance valves for raise and telescope cylinder 3. Pilot check valves for vertical outrigger cylinder 4. Hydraulic brake for slewing reduction gear	5. Mechanical brake for winch reduction gear 6. Pressure gauge / Boom angle indicator 7. Hook safety latch / Alarm buzzer 8. Over-winding device	
Option		1. Over-winding prevention system 2. Overload prevention system 3. Oil Cooler		

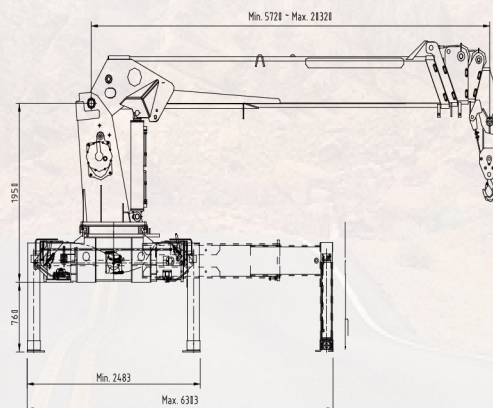
*Above specification may be changed without notice due to improvement.

Lifting capacity/Working height (kgf/m)

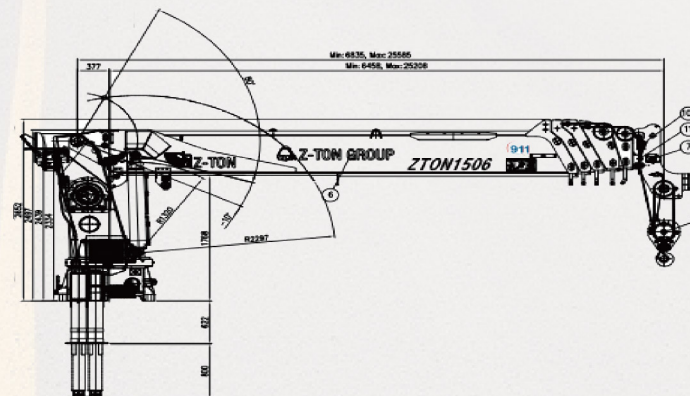


Layout

ZTON 1505



ZTON 1506



Working radius

WORKING RADIUS (m)	BOOM LENGTH			
	5.72M	9.37M	13.02M	16.67
2	14000	12240		
3	11250	9060		
4	9510	7340	6690	5000
5	8320	6260	5610	5000
6	7550	5520	4880	4550
7		4860	4350	4020
8		4530	3940	3610
9		4030	3620	3300
10			3350	3040
11			3120	2820
12			2910	2640
13			2690	2460
14			2350	2160
15			2220	2040
16			2060	1940
17				1840
18				1750
19				1670
20				1490
21				

CAUTION

- Rated loads shown in the chart are derived under the condition that all outriggers are fully extended on solid and well leveled ground and the vehicle is well leveled on the ground.
- Rated loads shown in the chart are based on the crane strength rather than stability.
- Rated loads shown must be reduced in accordance with vehicle weight and loaded condition of truck, crane mounting position, wind, ground condition and operating speed.
- Rated loads are to be considered based on full wire rope.
- The weights of hook, slings, and any accessories attached to the boom or loading must be deducted from the above rated loads in the chart.

