

ZOOMLION TRUCK CRANE ZTC300V532



ZOOMLION

4.0
PRODUCTS

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- New generation 4.0 platform with fashion outlook and better operating experience
- Plate structure boom head design offers longer and stronger lifting performance.
- Upgrade cabs and human-machine friendly interface make it easier and more comfortable.

ZOOMLION Main Technical Parameters

Item		Value	Remarks	
Working performance	Max. rated lifting capacity	kg	30000	
	Max. load moment of basic boom	kN.m	990	
	Max. load moment of Max. length main boom	kN.m	624	
	Max. lifting height of basic boom	m	11.3	
	Max. lifting height of main boom	m	42.1	These parameters do not include deflection of boom and jib.
	Max. lifting height of jib	m	50	
Working speeds	Max. hoist rope speed (Main winch)	m/min	120	At 4 th layer
	Max. hoist rope speed (Auxiliary winch)	m/min	120	At 4 th layer
	Boom derricking up time	s	25	
	Boom telescoping out time	s	84	
	Slewing speed	r/min	0 - 2.7	
Driving	Max. operation altitude	m	2000	
	Max. driving speed	km/h	90	
	Max. gradeability	%	42	
	Min. turning diameter	m	≤ 20	
	Min. ground clearance	mm	260	
	Oil consumption per hundred kilometer	L	28	
Mass	Deadweight in driving condition	kg	32510	
	Complete vehicle kerb mass	kg	32380	
	Front axle load	kg	6610	
	Rear axle load	kg	25900	
Dimensions	Overall dimensions (L×W×H)	mm	13150×2500×3450	
	Longitudinal distance between outriggers	m	5.40	
	Transversal distance between outriggers	m	For completely extended outrigger: 6.2 m for intermediately extended outrigger: 4.25 m	
	Tail slewing radius	mm	3265	
	Main boom length	m	10.7 - 42.0	
	Main boom angle	°	-2 - 80	
	Jib length	m	8	
	Offset	°	0, 15, 30	
Engine	Model WEICHAI		WP7.270E31	
	Rated power kW/r/min		199/2100	
	Max. output torque N.m/r/min		1160/1200 - 1600	

ZOOMLION Lifting capacity tables

Working Radius (m)	Main boom (m)						
	Outriggers completely extended, over sides and rear						
	10,7	14,7	18,7	24,4	30,4	36,1	42,0
3.0	30000	25000	19400				
3.5	25000	23500	19400				
4.0	23000	22000	19400				
4.5	21000	20500	19400	16600			
5.0	19500	19000	18200	15800			
5.5	18000	17500	16800	15000			
6.0	16500	16500	15600	14000	12200		
6.5	15000	15000	14400	13000	11400		
7.0	13500	13200	13200	12200	10800		
7.5	12500	12200	12200	11500	10200	8600	
8.0	11500	11200	11200	10800	9600	8200	
9.0		9600	9400	9600	8700	7400	6400
10.0		8100	8000	8500	7900	6800	6000
11.0		6800	6700	7400	7200	6200	5600
12.0		5600	5500	6200	6600	5800	5200
13.0			4600	5300	5800	5400	4800
14.0			3800	4500	5000	5000	4400
15.0			3100	3800	4300	4600	4100
16.0				3300	3800	4000	3800
18.0				2450	2900	3100	3300
20.0				1750	2200	2500	2700
22.0					1650	1900	2100
24.0					1200	1450	1650
26.0					800	1100	1300
28.0						800	1000
30.0						550	750
32.0							500
I	0	4.0	8.0	8.0	8.0	8.0	8.0
II	0	0	0	5.7	11.7	17.4	23.3
Reeving	8	8	6	5	4	3	3
Hook				30 t			

ZOOMLION Lifting Height Curve

