

JLD1700/136t Tower Crane

Parameters

Power Supply		320kW Diesel Generator		
Mechanism Power		Dimensions , Weights & Mounting Height		
Lifting Winch		160kW	Foundation Section	
Luffing Winch		90kW	3.8m × 3.8m × 10.5m	21t 12.4m
Slewing Winch		2×15kW	Standard Section	
Hydraulic Jacking		2×45kW	3.5m × 3.5m × 7.5m	13 × 17.5t 27.4m
Standard Section Lifting		37kW	Under-frame Leg	
			7.02m × 2.42m × 0.5m	4x10.86t 0m
			Under-frame Cross Beam	
			21.75m × 3.88m × 1.51m	19t 2m
Speed			Climbing System	
Lifting		0-15m/min	15.22m × 4.1m × 5.1m	42t 43m
Luffing		4min	Transition Section + Standard Section Lifting	
Slewing		0-0.5r/min	9.31m × 4.1m × 2.7m	19t 29.6m
Hydraulic Jacking		0-1m/min	Front Deck+Slew Mount Unit	
Standard Section Lifting		0-10m/min	4. 45m × 5.6m × 3.3m	38t 35.2m
			Rear Deck+Lifting Winch+Electrical System	
			6.5m × 4.7m × 3.3m	38t 35.7m
Capacity			Counter Weight	
Rated Load Moment		1700 t·m	7.5m × 3.46m × 0.24m	4 × 30t 35.2m
Max. Lifting Load		136t	A Frame Assembly+Luffing Winch	
Radius at Max. Lifting Load		9-12.5m	14m × 3.55m × 3m	25t 48.7m
Max. Lifting Height		183.5m	Boom Root Section	
Max. Lifting Radius		68.5m	40m × 3.4m × 3.4m	20t 43m
			Boom Head Section	
			32m × 3.2m × 3.2m	22t 45.5m
Other Parameters			Accessory Options	
Rear-end Swing Radius		8.5m	Intelligent remote control system (Including ground remote operation)	
Foundation Capacity Requirements		200KPa	Bottom Cross Beams & Bottom Section (Bottom preinstallation suit)	
Working Wind Speed		20m/s	Customized transport vehicle (for site to site transportation)	
Non-Working Wind Speed		35.8m/s	Tower crane load test suit	
Dead Weight		675t		
Min. Working Temperature		-20℃		
Min. Non-working Temperature		-40℃		

JLD1700 70m Boom & Torque Curve



Radius (m)	Boom Angle (Degrees)	Capacity (t)
9	87.0	136
10	86.2	136
12.5	84.1	136
15	82.0	107.7
17.5	79.9	88.1
20	77.7	73.5
22.5	75.5	62.1
25	73.4	53
27.5	71.1	45.6
30	68.9	39.4
35	64.2	29.7
40	59.3	22.3
45	54.1	16.6
50	48.4	12.1
55	42.2	8.3
60	34.8	5.2
65	25.4	2.9
68.5	15	1.5