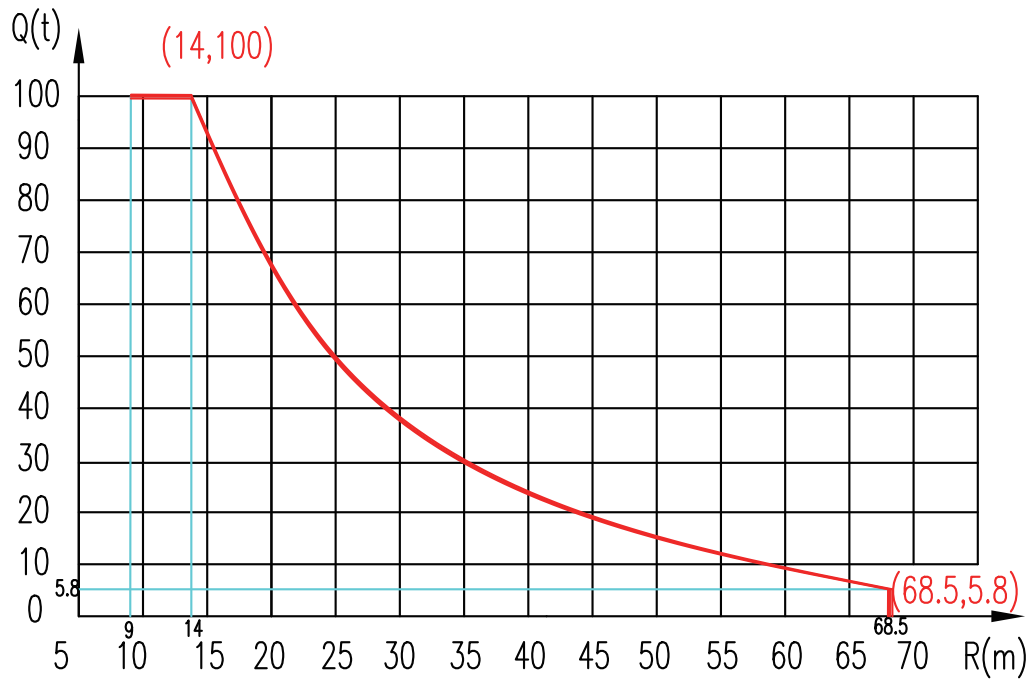


JLD1400/100t Tower Crane

Parameters

Power Supply		300kW Diesel Generator	
Mechanism Power		Dimensions , Weights	
		Foundation Section	
		4.1m × 4.1m × 10.44m	24.8t
		Standard Section	
		3.75m × 3.75m × 7.5m	15t
		Transition Section	
		4.94m × 2.31m × 2.85m	4.5t
		Climbing Section	
		2.62m × 4.3m × 15.36m	22t
		Slewing Unit Assembly	
		3.75m × 3.9m × 4.7m	40t
		Hoisting Winch	
		3.7m × 2.08m × 2.3m	18t
		A-Frame + Luffing Mechanism	
		3.34m × 3.2m × 14.4m	25t
		Counterweight	
		0.125m × 3.5m × 5.78m	14t
		Boom Root Section	
		3.23m × 3.39m × 12.35m	6.1t
		Boom Standard Section	
		3m × 3.4m × 10.43m	4.6t
		Boom Head Section	
		3m × 3.55m × 10.35m	5.7t
		Boom End Fitting	
		3m × 1.56m × 9.3m	5t
Speed			
Lifting	0-15m/min		
Luffing	4min		
Slewing	0-0.5r/min		
Hydraulic Jacking	0-0.8m/min		
Standard Section Lifting	0-10m/min		
Capacity			
Rated Load Moment	1400 t·m		
Max. Lifting Load	100t		
Radius at Max. Lifting Load	9-13.5m		
Max. Lifting Height	176m		
Max. Lifting Radius	68.5m		
Other Parameters		Accessory Options	
Rear-end Swing Radius	9m	Intelligent remote control system (Including ground remote operation)	
Foundation Capacity Requirements	175kPa	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	500t		
Min. Working Temperature	-20℃		
Min. Non-working Temperature	-40℃		

JLD1400 70m Boom & Torque Curve



Radius (m)	Boom Angle (Degrees)	Capacity (t)
9	87.0	100
14	82.5	100
15	82.0	92.4
17.5	79.9	77
20	77.7	65
22.5	75.5	55.7
25	73.4	48.2
27.5	71.1	42.1
30	68.9	37
35	64.2	29.1
40	59.3	23.1
45	54.1	18.6
50	48.4	14.9
55	42.2	11.8
60	34.8	9.3
65	25.4	7.1
68.5	15	5.8