

XCMG QY100K-1 WEICHAI Truck Crane



Dimension	Unit	QY100K-I
Overall length, width, height	mm	15600×3000×3850
Wheel base	mm	1420+2420+1800+1420+1505
Weight		
Total weight in travel	kg	54900 58000
Axle load		
Axle 1	kg	7500 7500
Axle 2	kg	7500 7500
Axle 3	kg	8300 10000
Axle 4	kg	12000 12500
Axle 5	kg	12000 12500
Axle 6	kg	7600 8000

Shanghai Longji Construction Machinery Co., Ltd.

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Power		
Engine rated power	kW/(r/min)	360/1800 (306/1900)
Engine rated torque	N.m/(r/min)	2200/1300 (2010/1200)
Engine rated speed	r/min	1800 (1900)
Min. ground clearance	mm	310
Travel		
Approach angle	°	20
Departure angle	°	14
Braking distance (at 30km/h)	m	≤10
Max. grade ability	%	40
Min. turning diameter	m	24
Fuel consumption for 100km	L	70
Main performance		
Max. rated total lifting capacity	m	100
Min. rated working radius		3
Turning radius at turntable tail		
Counterweight	mm	4200
Aux. winch	mm	4590
Max. lifting torque		3450
Base boom	kN.m	3450(4m×88t)
Fully extended boom	kN.m	1950(24m×7.1t)
Fully extended boom+ jib	kN.m	1230(19.2m×6t)
Outrigger span (full extension)		
Longitudinal	m	7.56
Lateral	m	7.6
Lifting height		
Base boom	m	13.5

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Fully extended boom	m	50.9
Fully extended boom+ jib	m	70.4
Boom length	m	13.5
Fully extended boom	m	51
Fully extended boom+ jib	m	51+18.1+4
Working speed		
Jib setting angle	°	0、15、30
Boom luffing time	s	75
Boom		
Boom telescoping time		
Full extension	s	160
Max. swing speed	r/min	2
Outrigger extension/retraction time		
Outrigger beam in extension/retraction	s	25/15
Outrigger jack in extension/retraction	s	45/25
Lifting speed (single rope, layer 4)		
Main winch	m/min	105
Aux. winch	m/min	104

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