

XCMG QY16D Truck Crane



Classificatory	Item		Unit	Parameter
Engine	Model			D6114ZLQ5B
Outline dimension	Overall length		mm	11990
	Overall width		mm	≤2500
	Overall height		mm	3350
	Wheel base	Axle 1, Axle 2	mm	4025
		Axle 2, Axle 3	mm	1350
Mass	Total mass in travel state		kg	24000
	Axle load	Axle 1	kg	6400
		Axle 2	kg	17600
Travel performance	Travel speed	Max. travel speed	km/h	≥70
		Min. stable travel speed	km/h	3~4
	Turning diameter	Min. turning diameter	m	≤20
		Min. turning diameter at boom tip	m	≤23

Shanghai Longji Construction Machinery Co., Ltd.

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	Min. ground clearance	mm	270
	Approach angle	(°)	21
	Departure angle	(°)	10
	Braking distance (at 30km/h with full load)	m	9.5
	Max. grade-ability	%	24
	Fuel consumption for 100km	L	35

Main Technical Data for Lifting Operation

Classificatory	Item			Unit	Parameter
Lifting performance	Max. total rated lifting capacity			t	16
	Min. rated working radius			m	3
	Turning radius at turntable tail			m	≤3.12
	Max. load moment	Base boom		kN.m	686
		Fully extended boom		kN.m	388
		Fully extended boom + Jib		kN.m	254
	Outrigger span	Longitudinal		m	4.6
		Lateral		m	5.4
	Lifting height	Base boom		m	≥9.9
		Fully extended boom		m	≥30.7
		Fully extended boom + Jib		m	≥38.5
Working speed	Boom raising time			s	≤60
	Boom full extension time			s	≤95
	Max. swing speed			r/min	≥2.5
	Hoist speed	Main winch	Full load	m/min	≥54
	(single line)		No load	m/min	≥100
		Aux. winch	Full load	m/min	≥54

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			No load	m/min	≥100
Noise limit	Crane exterior noise			dB (A)	≤118
	At seated position			dB (A)	≤90

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