

XCMG QY16C Truck Crane



Classificatory	Item		Unit	Parameter
Engine	Model			D6114
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	22900
		Axle 1	kg	5240
	Axle load	Axle 2	kg	17660
Travel performance	Travel speed	Max. travel speed	km/h	70
		Min. stable travel speed	km/h	4
	Turning diameter	Min. turning diameter	m	20

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	Min. turning diameter at boom tip	m	23
	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
Power	Engine rated output	kW/(r/min)	158/2200
	Engine rated torque	N.m/ (r/min)	790/1400
	Engine rated speed	r/min	2200

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 711
		Fully extended boom	kN.m 449
		Fully extended boom + Jib	kN.m 186
	Outrigger span	Longitudinal	m 4.6
		Lateral	m 5.4
	Lifting height	Base boom	m ≥9.9
		Fully extended boom	m ≥23.6
		Fully extended boom + Jib	m ≥30.8
	Boom raising time	s	≤60
Working speed	Boom full extension time	s	≤75

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

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