

XCMG QY25E Truck Crane



Classificatory	Item		Unit	Parameter
Engine	Model		D6114ZLQ5B	
Outline dimension	Overall length		mm	12380
	Overall width		mm	≤2500
	Overall height		mm	3500
	Wheel base	Axle 1, Axle 2	mm	4025
		Axle 2, Axle 3	mm	1350
Mass	Total mass in travel state		kg	26400
	Axle load	Axle 1	kg	6530
		Axle 2, Axle 3	kg	19870
Travel performance	Travel speed	Max. travel speed	km/h	≥63
		Min. stable travel speed	km/h	≤4
	Turning diameter	Min. turning diameter	m	≤19
		Min. turning diameter at boom tip	m	≤22

Shanghai Longji Construction Machinery Co., Ltd.

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	Min. ground clearance	mm	≥273
	Approach angle	(°)	≥21
	Departure angle	(°)	≥10
	Braking distance (at 30km/h with full load)	m	≤9.5
	Max. grade-ability	%	≥23
	Fuel consumption for 100km	L	36

Main Technical Data for Lifting Operation

Classificatory	Item		Unit	Parameter
Lifting performance	Max. total rated lifting capacity		t	25
	Min. rated working radius		m	3
	Turning radius at turntable tail		m	≤3.56
	Max. load moment	Base boom	kN.m	806
		Fully extended boom	kN.m	521
		Fully extended boom + Jib	kN.m	280
	Outrigger span	Longitudinal	m	4.8
		Lateral	m	6
	Lifting height	Base boom	m	≥10.5
		Fully extended boom	m	≥31.5
		Fully extended boom + Jib (jib offset 5°)	m	≥39.2
		Fully extended boom + Jib (jib offset 30°)	m	≥38
Working speed	Boom raising time		s	≤72
	Boom full extension time		s	≤115
	Max. swing speed		r/min	3

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	Hoist speed	Main winch	Full load	m/min	≥90
	(single line at 3rd layer)		No load	m/min	≥120
		Aux. winch	Full load	m/min	≥90
			No load	m/min	≥120
Noise limit	Crane exterior noise			dB (A)	≤120
	At seated position			dB (A)	≤90

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