

XCMG QY25K5-I truck crane



1. Main Technical Data Table in Travel configuration

Category	Item		Unit	Parameter
Outline Dimensions	Overall length		mm	12300
	Overall width		mm	2500
	Overall height		mm	3350
	Wheel base		mm	4425+1350
	Track		mm	2074/1834/1834
Weight	Total vehicle mass in travel configuration		kg	31750
	Axle load	Front axle	kg	6550
		Rear axle	kg	25200
Power	Model			Shanghai diesel engine SC8DK280Q3
	Engine rated power		kw/(r/min)	206/2200
	Engine rated torque		N.m/(r/min)	1112/1400
Travel Performance	Max. travel speed		km/h	80
	Min. turning diameter		m	22
	Min. ground clearance		mm	275
	Max. grade ability		%	40
	Approach angle		°	16
	Departure angle		°	13
	Braking distance (at 30 km/h, full load)		m	≤10

	Oil consumption per 100km	L	≤ 37
Noise	Exterior noise level during acceleration traveling	dB (A)	88
	Noise level at seated position	dB (A)	90

2. Main Technical Data Table for Lifting Operation

Category	Item			Unit	Parameter
Main Lifting Performance	Max. total rated lifting capacity			t	25
	Min. rated working radius			m	3
	Turning radius at turntable tail			mm	3065
	Max. load moment	Base boom		KN.m	961
		Fully-extended boom		KN.m	533
		Fully-extended boom + Jib		KN.m	451
	Outrigger span	Longitudinal		m	5.14
		Lateral		m	6.0
	Hoist height	Base boom		m	10.5
		Fully-extended boom		m	39.2
		Fully-extended boom + Jib		m	47.2
	Boom length	Base boom		m	10.4
		Fully-extended boom		m	39.5
		Fully-extended boom + Jib		m	47.8
Jib offset angle			°	0, 15, 30	
Working Speed Parameter	Time for boom raising			s	68
	Time for boom extending fully			s	150
	Max. slewing speed			r/min	2.5
	Outrigger extending and retracting time	Outrigger beam	Extending Simultaneously	s	35
			Retracting Simultaneously	s	30
		Outrigger jack	Extending Simultaneously	s	40

			Retracting Simultaneousl y	s	35
	Hoisting speed (single line)	Main winch	Full load	m/min	75
			No load	m/min	125
		Auxiliary winch	Full load	m/min	75
			No load	m/min	125
Noise	Exterior noise level			dB (A)	≤122
	Noise level at seated position			dB (A)	≤90