

# 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 Simultaneousl y	s	35
			Retracting Simultaneousl y	s	30
		Outrigger jack	Extending Simultaneousl y	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