

SOLID TO SUCCEED.  **XCMG**

# XCR

# PROU



ROPE CRANE

# XCR130U

- ▶ Rope crane products with high lifting performance, wide operating range and strong lifting capacity;
- ▶ The turning radius is small in the industry and the site adaptability is good;
- ▶ Original smart boom technology saves more than 40% of operating time and makes operations safer, driving safety protection technology provides high active safety;
- ▶ 3 major energy-saving measures (new energy-saving hydraulic system, ECO mode, locking function torque converter) reduce fuel consumption by 15%-24% under different working conditions, and reduce driving fuel consumption by 20%.
- ▶ Industry-unique multi-mode steering technology, one-click switching of steering modes and automatic adjustment of steering angle;
- ▶ The information-rich human-computer interaction system and ergonomic control arrangement make driving comfortable and reduce fatigue;
- ▶ Using large 875/65R29 radial tires. XCMG products have strong load-bearing capacity and strong road adaptability.

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SCAN ME

# MAIN TECHNICAL PARAMETERS

CATEGORY	ITEMS	UNIT	PARAMETER		
Dimensions	Outline size (length x width x height)	ft	51.1x11.4x13.1 (35,274 lb counterweight) 51.1x15.4x13.1 (50,706 lb counterweight)		
	Wheelbase	ft	15.1		
	Track (Front/Rear)	ft	8.5/8.5		
	Front/ Rear overhang	ft	8.4/8.1		
	Front/ Rear extension	ft	19.4/0.1		
Weight	Total vehicle mass in travel configuration	lb	154,428      169,862		
	Axle load	1st Axle	lb      77,529      72,220		
		2nd Axle	lb      76,899      97,642		
Power	Engine model		QSL		
	Engine rated power/rpm	bhp/rpm	300/2,200		
	Engine rated torque/rpm	lb-ft/rpm	1,020/1,500		
Travel	Max. travel speed	mph	≥ 18.6		
	Min. travel speed	mph	1.2		
	Min. turning diameter	ft	≥ 55.1		
	Min. ground clearance	ft	1.5		
	Approach angle	°	21		
	Departure angle	°	22		
	Braking distance (at 14.9 mph)	ft	≤ 29.5		
	Max. gradeability	%	≥ 80		
Main Performance	Max. total rated lifting capacity	USt	129		
	Min. rated working radius	ft	8.2		
	Turning radius at turntable tail	Counterweight	ft	16.0	
	Max. load moment	Base boom	lb-ft	2,632,700	
		Fully-extended boom	lb-ft	1,562,480	
	Outrigger span	Longitudinal	ft	27.7	
		Lateral	ft	27.6	
	Lifting height	Base boom	ft	43.6	
		Fully-extended boom	ft	163.3	
		Fully-extended boom + Jib	ft	212.5	
	Boom length	Base boom	ft	42.3	
		Fully-extended boom	ft	164.0	
Fully-extended boom + Jib		ft	224.0		
Jib offset angle	°	0, 15, 30			
Working Speed	Boom raising time	s	≤ 55		
	Boom fully extending time	s	≤ 125		
	Max. slewing speed	rpm	≥ 1.8		
	Outrigger extending and retracting time	Outrigger beam	Retracting	s	≤ 40
			Extending	s	≤ 40
		Outrigger beam	Retracting	s	≤ 55
			Extending	s	≤ 45
	Hoisting speed (single line, 4th layer, no load)	Main winch Auxiliary winch	fpm	≥ 475.6 ≥ 295.2	

Note: With counterweight of 35,274 lb + 15,432 lb attached, jobsite transfer for a short distance is allowed, but travel speed is not more than 3.1 mph.

