

SOLID TO SUCCEED.



# XCR75U

- ▶ High lifting performance;
- ▶ Small turning radius and good site adaptability;
- ▶ Three energy-saving measures reduce operating fuel consumption by 15-24% under different working conditions, and reduce fuel consumption by 20% during high-speed driving;
- ▶ Driving safety protection technology, active safety optimization competing products;
- ▶ 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 ergonomically arranged control elements make driving comfortable and reduce fatigue.

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# MAIN TECHNICAL PARAMETERS

CATEGORY	ITEMS			UNIT	PARAMETER	
Dimensions	Outline size (L x W x H)			ft	47.1 x 10.8 x 12.3	
	Wheelbase			ft	13.1	
	Track (Front/Rear)			ft	8.3/8.3	
	Front/ Rear overhang			ft	7.2/7.9	
	Front/ Rear extension			ft	18.8	
Weight	Gross vehicle weight			lb	13,889.1 lb counterweight 19,841.6 lb counterweight	
	Axle load	Axle 1		lb	55,772.5	53,466.5
		Axle 2		lb	41,252.1	49,610.6
Power	Engine model				QSB6.7	
	Engine rated power/rotation speed			bhp/rpm	260/2,000	
	Max. output torque/rotation speed			lb-ft/rpm	728/1,500	
Travel	Max. travel speed			mph	≥ 24.9	
	Min. turning diameter			ft	≤ 42.7	
	Min. ground clearance			ft	1.6	
	Approach angle			°	23	
	Departure angle			°	21	
	Braking distance (at 14.91 mph)			ft	≤ 29.5	
	Max. gradeability			%	≥ 70	
Main Performance	Max. total rated lifting capacity			lb	154,323	
	Min. rated working radius			ft	8.2	
	Turning radius at turntable tail			ft	13.8	
	Max.load moment	Base boom		ft·lb	1,496,218	
		Fully-extended boom			902,038	
	Outrigger span	Longitudinal		ft	24.3	
		Lateral			24.3	
	Hoist height	Base boom		ft	42	
		Fully-extended boom			148.6	
		Fully-extended boom + Jib			190	
	Boom length	Base boom		ft	38.7	
		Fully-extended boom			147.6	
		Fully-extended boom + Jib			200	
Jib offset angle			°	0, 15, 30		
Working Speed	Boom raising time			s	45	
	Boom fully extending time			s	80	
	Max. slewing speed			r/min	1.5	
	Outrigger extending & retracting time	Outrigger beam	Retracting	s	20	
			Extending	s	30	
		Outrigger jack	Retracting	s	30	
			Extending	s	35	
	Hoisting speed (single line, 4th later, no load)			fpm	492.1	
Main winch system Auxiliary winch system			426.5			

