

SOLID TO SUCCEED.



XCR



XCR100U

- ▶ 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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SCAN ME

MAIN TECHNICAL PARAMETERS

CATEGORY	ITEMS			UNIT	PARAMETER
Dimensions	Dimension (L x W x H)			ft	47.5 x 10.8 x 12.8
	Wheelbase			ft	13.1
	Track (Front/Rear)			ft	8.3/8.3
	Front/ Rear overhang			ft	8.1/7.8
	Front/ Rear extension			ft	18.0/0.4
Weight	Gross vehicle weight			lb	117,608 22,046 lb counterweight 120,915 25,353 lb counterweight
	Axle load	Axle 1	lb	62,508 61,004	
		Axle 2	lb	55,100 59,911	
Power	Engine model				B6.7
	Engine rated power/rpm			bhp/rpm	280/2,000
	Max. output torque/rpm			lb-ft/rpm	850/1,500
Travel	Max. travel speed			mph	≥ 21.6
	Min. turning diameter			ft	≤ 42.7
	Min. ground clearance			ft	1.8
	Approach angle			°	24
	Departure angle			°	24
	Braking distance (at 14.9 mph)			ft	≤ 29.5
	Max. gradeability			%	≥ 64.6
Main Performance	Max. total rated lifting capacity			USt	100
	Min. rated working radius			ft	8.2
	Turning radius at turntable tail Counterweight			ft	14.9
	Max.load moment	Base boom		ft·lb	2,096,559
		Fully-extended boom			1,192,233
	Outrigger span	Longitudinal		ft	25.6
		Lateral			25.3
	Lifting height	Base boom		ft	42.7
		Fully-extended boom			157.5
		Fully-extended boom + Jib			207.0
	Boom length	Base boom		ft	40.7
		Fully-extended boom			157.4
		Fully-extended boom + Jib			214.9
Jib offset angle			°	0, 15, 30	
Working Speed	Boom raising time			s	≤ 55
	Boom fully extending time			s	≤ 110
	Max. slewing speed			r/min	≥ 1.5
	Outrigger extending & retracting time	Outrigger beam	Retracting	s	≤ 35
			Extending	s	≤ 40
		Outrigger jack	Retracting	s	≤ 40
			Extending	s	≤ 55
	Hoisting speed (single line, 4th later, no load) Main winch system 				

