

XCR



XCA150

- ▶ High lifting performance, wide operating range, variable support of the outriggers, and strong adaptability to working conditions;
- ▶ Variable-position counterweight technology adapts to the needs of different operating environments and improves performance by up to 8%.
- ▶ The while machine is matched with different Dolly, the axle load can meet the road regulations in most parts of the North American market, and has a wide range of adaptability;
- ▶ The wider control room and humanized layout and configuration make operation more comfortable and convenient. At the same time, it is equipped with main boom boom, winch, and counterweight camera monitoring to ensure operation safety;

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MAIN TECHNICAL PARAMETERS

CATEGORY	ITEMS	UNIT	PARAMETER		
Dimensions	Dimensions (L x W x H)	ft	51.2x9.8x13.1		
	Wheelbase	ft	8.2+5.4+7.9+5.4		
	Track (Front/Rear)	ft	7.6		
	Front/ Rear overhang	ft	8.6/8.9		
	Front/ Rear extension	ft	6/0		
Weight	Max. permissible total weight	lb	132,275		
	Axle load	Axle 1	lb	26,455	
		Axle 2	lb	26,455	
		Axle 3	lb	26,455	
		Axle 4	lb	26,455	
Power	Engine model		OM471LA (EU Stage V / EPA Tier 4F)		
	Max. net power/rpm	bhp/rpm	482.8/1,600		
	Max. output torque/rpm	lb-ft/rpm	1,769.9/1,300		
Travel	Max. travel speed	mph	49.7		
	Min. stable travel speed	mph	1.86		
	Min. turning diameter	ft	≤ 59.0 (tight-turning mode) ≤ 72.2 (normal road travel mode)		
	Min. turning diameter at boom head	ft	≤ 76.4 (tight-turning mode) ≤ 89.2 (normal road travel mode)		
	Min. ground clearance	ft	21		
	Approach angle	°	22		
	Departure angle	°	≤ 29.5		
	Braking distance (initial speed at 50 mph)	ft	≥ 80		
	Max. gradeability	%	129		
	Fuel consumption per 100km	US gal	8.2		
	Noise	Exterior noise level when accelerating	dB(A)	80	
Noise level at seated position		dB(A)	90		
Main Performance	Max. total rated lifting capacity	USt	150		
	Min. rated working radius	ft	3		
	Turning radius at turntable tail	At counterweight	ft	16.3/14.9	
		At auxiliary winch	ft	16.4	
	Max. load moment	Base boom	kipf · ft	3,183	
		Fully-extended boom		1,692	
		Fully-extended boom + Jib		1,284	
	Outrigger span	Longitudinal	ft	28.4	
		Lateral		12.1/16.4/20.7/25.3	
	Lifting height	Base boom	ft	39.7	
		Fully-extended boom		201.7	
Fully-extended boom + Jib		303.5			
Boom length	Base boom	ft	43		
	Fully-extended boom		203.4		
	Fully-extended boom + Jib		310.1		
Jib offset angle	°	0, 20, 40			
Working Speed	Boom raising time	s	≤ 65		
	Boom fully extending time	s	≤ 580		
	Max. slewing speed	rpm	≥ 1.5		
	Outrigger extending & retracting time	Outrigger beam	Retracting	s	≤ 25
			Extending	s	≤ 20
		Outrigger jack	Retracting	s	≤ 55
			Extending	s	≤ 45
Lifting speed (single line, 4th later, no load)	Main winch system	fpm	≥ 426		
	Auxiliary winch system		≥ 426		
Noise	Exterior noise level	dB(A)	≤ 109		
	Noise level at seated position		≤ 80		

