

Technical Specifications

Main Technical Data Table of XCT130 in Travel configuration

(Subject to technical improvement)

Category	Item		Unit	Parameter	
Dimensions	Overall length		mm	15195	
	Overall width		mm	3000	
	Overall height		mm	3970	
	Wheel base		mm	1920+3500+1420+1505	
	Track		mm	2449/2449/2315/2315/2449	
	Front overhang		mm	2650	
	Rear overhang		mm	2765	
Weight	Total weight in travel configuration		kg	55000	
	Axle load	1st axle	kg	10000	
		2nd axle	kg	10000	
		3rd axle	kg	13000	
		4th axle	kg	13000	
		5th axle	kg	9000	
Power	Chassis engine model			ISM11E4 440	WP12.430 E40
	Engine rated power		kw/(r/min)	318/1900	316/1900
	Engine rated torque		N.m/(r/min)	2080/1200~1300	2060/1000~1400
	Superstructure engine model			BF6M1013EC	TAD720VE
	Engine rated power		kw/(r/min)	174/2300	
	Engine rated torque		N.m/(r/min)	854/1400	
Travel	Travel speed	Max. travel speed	km/h	80	
		Min. travel speed	km/h	3	
	Turning diameter	Min. turning diameter	m	23	
		Min. turning diameter at boom tip	m	28	

We reserve the right to modify the design without notice for improvement.

	Min. ground clearance	mm	312
	Approach angle	°	18
	Departure angle	°	13
	Braking distance (at 30 km/h)	m	≤10
	Max. grade ability	%	45
	Oil consumption per 100 km	L	65(Xi'an cummins)
			72(Weichai)
	Exterior noise level	dB(A)	≤88
	Noise level at seated position	dB(A)	≤90

Main Technical Data Table for Lifting Operation

(Subject to technical improvement)

Category	Item		Unit	Parameter	
Main performance	Max. total rated lifting capacity		t	130	
	Min. rated working radius		m	3	
	Turning radius at turntable tail	Counterweight	mm	4800	
		Auxiliary winch	mm	4950	
	Max. load moment	Base boom	kN.m	5116	
		Fully-extended boom	kN.m	2506	
		Fully-extended boom + Jib (11.55m)	kN.m	1666	
	Outrigger span (fully-extended)	Longitudinal	m	7.7	
		Lateral	m	7.9	
	Hoist height	Base boom	m	13.4	
		Fully-extended boom	m	60.7	
		Fully-extended boom + Jib(28m)	m	85.3	
	Boom length	Base boom	m	13.1	
Fully-extended boom		m	61		
Fully-extended boom + Jib(28m)		m	89		
Jib offset angle		°	0、15、30		
Working speed	Elevating time	Boom raising	s	65	
	Telescoping time	Fully extended/retracted	s	460	
	Max. slewing speed		r/min	2	
	Outrigger extending and retracting time	Outrigger beam	Extending Simultaneously	s	35
			Retracting Simultaneously	s	30
		Outrigger jack	Extending Simultaneously	s	50
			Retracting Simultaneously	s	40
	Hoisting speed (single line, 4th layer)	Main winch	m/min	135	
Auxiliary winch		m/min	135		
Noise	Exterior noise level		dB (A)	≤122	
	Noise level at seated position		dB (A)	≤90	

We reserve the right to modify the design without notice for improvement.