

XCMG HB48 Truck Mounted Concrete Pump



Travel					
Category	Item	Unit	Parameter	Parameter	Parameter
Chassis	Model		FM	Actros4141	FY1EWV
	Manufacturer		VOLVO	Germany BENZ	Hino
	Max. speed	km/h	94.8	85	85
	Max. gradeability		35%	38%	39.90%
	Min. turning diameter	m	24.605	25.9	24.4
	Brake distance	m	≤10	≤10	≤10
	Wheelbase	mm	1995+4405+1370	1700+4600+1350	1850+4605+1310

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	Tread (front/rear)	mm	2028/1837	2034/1804	2050/1855
	Approach angle/departure angle	°	17/10	22/10	18.2/10
	Min. clearance	mm	270	300	240
	Tyre specification		315/80R22.5	315/80R22.5	315/80R22.5
Engine	Model		D13	OM501LA.III/17	E13CTL
	Output power	kw/(r/min)	294/1400~1800	300/1800	331/1800
	Max. torque	N.m/(r/min)	2200/1050~1400	2000/1080	1912/1100
	Displacement	l	12.8	11.946	12.913
	Emission Standard		Nation III GBIII	Nation III GBIII	Nation III GBIII
Others	Dimension (length x width x height)	mm	12632×2500×399 5	12590×2500×399 5	12515×2500×399 5
	Total vehicle weight	kg	41000	41000	40000
	Fuel tank capacity	l	410	400	400
	Fuel consumption per 100km	l/100km	40	40	40
Pumping operation					
Pumping system	Theoretical output(high pressure/low pressure)	m ³ /h	90/138	90/150	
	Concrete pumping	Mpa	13/8.7	13/8	

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	pressure(high pressure/low pressure)				
	Theoretical pumping times(high pressure/low pressure)	次/min	18/27	13/21	
	Max. diameter of pumping concrete aggregate	mm	40		
	Feeding height	mm	1540		
Placing boom	Pumping slump range	cm	12-23		
	Reach height	m	48.1		
	Reach depth	m	34		
	Slewing radius	m	42.75		
	Slewing angle	°	370		
	1st boom stretch angle	°	90		
	2nd boom stretch angle	°	180		
	3rd boom stretch angle	°	180		
	4th boom stretch angle	°	250		
	5th boom stretch angle	°	250		
Outrigger span Overall outrigger span	mm	10500			

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	Front outrigger transverse span	mm	10450		
	Rear outrigger transverse span	mm	10300		
Others	Dosing type		S valve	S-valve	
	Lubricating method		Automatic lubrication	Automatic	
	Controlling method		Manual/remote control	Manual/Remote control	
	Water tank capacity	l	600		
	Max. pressure of water pump	Mpa	2		

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