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HBC

Truck Mounted Concrete Pump

HBC车载混凝土输送泵



Brief Introduction

Truck mounted concrete pump combines the superiority of trailer-mounted concrete pump and concrete pump truck, which is more flexible and mobile than trailer-mounted concrete pump. No need of transportation, loading and unloading, and fixed installation. Stronger pumping performance and faster pumping speed. Compared to the concrete pump truck, it enjoys the advantages of small footprint, low price, high pumping height and distance, cost-effective etc. It is suitable for small production, multi-site, complex construction environment and other conditions. Truck mounted concrete pump can choose diesel or electricity as energy flexibly, which can not only be connected to an external power supply by using top motor, but also use top diesel engine to finish pumping operation, select the power according to the actual situation.

车载泵集托泵与泵车的优越性于一体，比托泵灵活、机动性强，无需运输、装卸、安装固定，设备利用率高，可泵送性能更强，泵送速度更快，与泵车相比占用空间小，价格低，泵送高度高、距离远，性价比高，适合于小批量，多工地，施工环境复杂和打完混凝土即可离开等工况。车载泵可以灵活选择柴油或电力作为能源，即可以连接外接电源采用上装电机进行泵送作业，又可以使用上装柴油机进行泵送作业，根据实际情况选择动力。

产品简介



Main features

- Adopt domestic famous Chassis brand DONGFENG or JIEFANGi, which is mature, reliable, powerful and economic.
- Tops power can choose diesel or electric motor to meet the needs of different working conditions.
- Hydraulic system: Exclusive double open hydraulic loops system, with interaction makes the machine life longer.
- Power system: Adopt domestic famous engine brand, which has the characteristic of high cost performance, strong power, energy saving and repair timely.
- Pumping system: The S-shaped reversing valves, hard alloy eyeglass plates and cutting rings, rubber springs which can automatically compensate the clearances between end faces all ensure a proper sealing property.

主要特点

- Control system: Wired and wireless remote control ensures the flexibility, convenience, reliability and safety of the equipment.
 - The automatic lubrication of the hopper and the concrete cylinder makes the pumping work smooth and easy.
 - The high-pressure cleaning system makes vehicle cleaning simple and easy.
- 1、东风或解放底盘，成熟可靠，动力强劲，经济性好。
 - 2、上装动力可以选择柴油电机或电动机，满足不同工况需求。
 - 3、液压系统：独有的双泵双回路开式液压系统，相互配合，使用寿命更长。
 - 4、动力系统：采用国内知名发动机，高性价比。动力系统强劲、节能环保。
 - 5、泵送系统：S型换向阀，硬质合金眼镜板和切割环，并配有橡胶弹簧能自动补偿断面间隙，保障良好的密封性能。
 - 6、控制系统：有线和无线远程操控，使整个施工操作灵活方便，安全可靠。
 - 7、料斗及缸缸部位润滑都是自动润滑，泵送就润滑。
 - 8、配备高压清洗系统，车辆清洗快捷方便。

Technical Parameters

主要技术参数

部件名称/技术性能 Item		单位 Unit	型号及性能参数指标 Models and Parameters				
行驶系统 Driving System	底盘品牌 Chassis Brand		HBC50-12-56		HBC100-13-162RS		
	燃料种类 Fuel Type		解放牌 JIEFANG Brand		东风牌 DONGFENG Brand		
	排放标准 Displacement Standard		柴油 Diesel		柴油 Diesel		
	最大行驶速度 Max. Driving Speed	km/h	国IV Euro IV		国IV Euro IV		
	柴油机型牌 Brand of Diesel Engine		60		90		
泵送系统 Pumping System	驱动方式 Driving Mode		天津雷沃 Tianjin LOVOL		潍柴 WEICHAI Brand		
	主泵 Main Pump		液压驱动 Hydraulic Driving		韩独 HANDOK		
	油缸内径×行程 Oil Cylinder Inner Diameter × Stroke	mm	韩独 HANDOK		液压驱动 Hydraulic Driving		
	输送缸径×行程 Concrete Cylinder Inner Diameter × Stroke	mm	Φ125×Φ80×1200		Φ150×Φ100×1650		
	理论泵送压力 Theoretical Pumping Pressure	MPa	Φ200×1200		Φ230×1650		
	燃油箱容积 Fuel Tank Capacity	L	高压 H-pressure 12		高压 H-pressure	13.5	
	液压油箱容积 Hydraulic Oil Tank Capacity	L	低压 L-pressure 4		低压 L-pressure	7.5	
	混凝土理论排量 Max. Theoretical Capacity	m³/h	180		290		
	高压泵送 Pumping Distance (H-pressure)	理论水平距离 Max. Theoretical Horizonta	m	200		600	
				高压 H-pressure 20	高压 H-pressure	55	
	高压泵送 Pumping Distance (H-pressure)	理论垂直高度 Max. Theoretical Vertical	m	50		低压 L-pressure	100
				125A管 pipe	300	125A管 pipe	880
	料斗容积 Hopper Capacity	上料高度 Feeding Height	mm	120		125A管 pipe	220
				碎石 Crushed stone : 40 / 卵石 Pebble : 50	碎石 Crushed stone : 40 / 卵石 Pebble : 50		
	塌落度 Concrete Slump		cm	S阀 S Valve		S阀 S Valve	
	最大骨料尺寸 Max. Aggregate Diameter		mm	7200×2100×2750		8754×2470×2760	
	阀门形式 Valve Type			6500		12000	
外型 Overall	全长×总宽×总高 Length ×Width × Height (mm)	mm					
	满载质量 Full-load Total Weight	kg					