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Concrete Pump 混凝土输送泵

臂架泵车

Concrete Boom Pump Truck

Brief Introduction 总体介绍

Concrete boom pump truck is a kind of machinery, which is transformed on the basis of truck chassis, uses continuous pressure to pump concrete along the pipeline. It is composed of the pump and delivery tube.

混凝土输送泵车是在载重汽车底盘上进行改造而成的,是利用压力将混凝土沿管道连续输送的机械,由泵体和输送管组成。

Main Features 性能特点

1. High safety coefficient. Stepper motor imported from America and driver to control the engine speed.
2. Choose the best quality materials. Import the 900# steel plate from Austria. Strength is three times than the 16Mn.
3. More intelligent operation. The control system has the function of engine remote flame-out. You can start or stop the engine work according the working condition.
4. High design standard. X leg, the car body is shot and the stability is good, the supporting leg can be unfolded out in a narrow space. International purchased component, which is with more high stability performance and high cost-efficiency.
6. Pumping hydraulic system. Overall hydraulic commutation system; the alternative commutation actions between pumping and S tube distribution doesn't involve electric signals, little impact and noise occurs during the commutation, so the service lives of hydraulic pump and valves are evidently lengthened.
7. Intelligent control system. Adopt concentration plate to make the mail hydraulic system valve more concentration, reduce the pipeline road cross, save every drop of oil pump.
8. Automatic control. Unique arm frame buffer technology can reduce the high pressure value system, even in the case of high output to make the boom steady.
9. Efficient pumping. Large diameter cylinder, big pump flow.

1. 安全系数更高。采用美国IMS公司的步进电机及驱动器来控制发动机的转速。
2. 选用最优质的材料。采用进口奥地利900#钢板,强度为普通16Mn的三倍。
3. 更智能操作。具备发动机控制熄火功能,让您可以根据工况需求来启动或者停止发动机工作。
4. 高端设计水准。X型支腿,车身稳定性好;支腿可在狭窄的空间展开。
5. 国际化采购,原装进口部件,性能更稳定,性价比更高。
6. 泵送液压系统。采用整体液压换向系统,泵送、S管分配交替换向动作无需电信号参与,换向冲击小,噪音低,明显提高液压泵、液压阀的寿命,省去电控信号的中间环节,大大提高整套设备运行可靠性。
7. 智能节控系统。采用集中阀板,将主系统液压阀集中,减少交叉连接的道路,系统更加紧凑,降低漏油机会。
8. 安全操作系统。独特的臂架缓冲技术可以减少系统的高压峰值,即使在输入量很高的情况下,布料杆震动小,尾管稳定。
9. 更快捷高效的泵送。大直径输送缸,吸料性好,泵送流量大。



Technical Parameters 技术参数

型号 Model		
项目 Item		单位 Unit
泵送系统 Pumping system	最大理论输送量 Max. theory output	m ³ /h
	理论泵送压力 Theoretic pumping pressure	MPa
	料斗容积 Hopper capacity	L
	上料高度 Filling height	mm
臂架 Placing boom	分配阀形式 Distribution valve	
	最大布料高度 Placing depth	m
	最大布料半径 Horizontal distance	m
	最大布料深度 Placing depth	m
底盘及整车 Chassis and the whole machine	输送管直径 Pipe diameter	mm
	末端软管长度 End hose length	mm
	底盘型号 Chassis model	
	轴距 Wheelbase	mm
the whole machine	发动机最大功率 Engine power	kw/(r/min)
	尾气排放标准 Tail gas exhaust standard	
	整车质量 Total weight	kg
	整车外形尺寸(长/宽/高) Overall dimension	mm

EP5160THB 21-3R	EP5240THB 25-4R	EP5291THB-37/4	EP5401THB-48/5
参数 Parameters	参数 Parameters	参数 Parameters	参数 Parameters
68	100	150	150
7.5	8	8.5	8.5
450	550	700	700
1430	1540	1370	1400
S管阀 S valve	S管阀 S valve	S管阀 S valve	S管阀 S valve
21	25	37.2	47.4
17.5	21	33.2	43.7
10	14.4	24.3	34.3
125	125	125	125
3000	3000	4000	3000
SSF1150HJP88	ZZ5207N5617D1	ZZ5307N4647C	ZZ5437S4667C
4600	4600	4600	1800
97/2600	249/1900	247/2200	275/2200
国IV /Euro IV	国IV /Euro IV	国IV /Euro IV	国IV /Euro IV
14680	19060	29000	40000
9570x2191x3360	10283x2480x3670	12000x2490x3850	13300x2500x4000

(注:由于我们不断对产品进行性能完善和改进,产品参数以实物为准。
Technical data may change due to technical progress. Be subject to modification without notice.

除了上述表格中的规格,还有39米,42米,52米供选择,有需要请与业务联系。
We also provide this item with 39m, 42m and 52m. Please contact the sales for more info.)