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## Concrete Pump 混凝土输送泵

### 车载式混凝土泵

#### Truck-mounted Concrete Pump

#### Brief Introduction 总体介绍

Truck mounted concrete pump combines the superiority of trailer-mounted concrete pump and concrete boom pump truck. It 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.

车载式混凝土泵集拖泵与泵车的优越性于一体，比拖泵灵活、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；比泵车占用空间小，价格低，泵送高度高、距离远，维护成本低。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。

#### Main Features 性能特点

1. Hydraulic System: Adopt the double open hydraulic loops system. For the pump parts, we adopt the famous brand Rexrath. And for the vales, we adopt the brand America Eton. 2. Power system: Adopt Dalian DEUTZ and Weichai DEUTZ engine system, which has the characteristics of high cost performance, strong power, energy saving and repair timely.
3. Chassis: Adopt the domestic famous brand for the chassis, which is comfortable to drive, strong in horsepower, low in oil consumption, reliable and durable in performance.
4. Pumping system. S tube is made of high manganese steel molding, with high wear-resistant materials of the runner. Glasses plate and cutting ring adopts unique hard alloy material and technology, makes the surface hardness and toughness, increased significantly prolong service life.
5. Control system operating system: wired and wireless remote control, the operation is flexible, convenient. Adopt imported five curve of a diesel engine throttle calculation automatic control modulation, energy saving more than 20%.

1. 液压系统：采用双泵双回路开式液压系统。泵组采用世界著名品牌德国力士乐（Rexrath）公司产品，阀组采用美国伊顿公司产品。
2. 动力系统：采用大连道依茨和潍柴道依茨系统发动机，高性价比、动力系统强劲、节能环保、售后维修及时、费用经济。
3. 行驶系统：底盘采用国家知名品牌，驾乘舒适，马力强劲，经济节油，可靠耐用。
4. 泵送系统：流线型料斗设计不但美观且吸料性极佳。S管采用高锰钢模压成型，采用高耐磨材料使流道圆滑。眼镜板与切割环采用独特硬质合金材料和工艺，是表面硬度和韧性提高大幅延长使用寿命。
5. 控制系统：操作系统集中，有线及无线远程遥控，使整个施工操作灵活、方便。采用进口无曲线柴油油门可计算自动控制调制，节能20%以上。



#### Technical Parameters 技术参数

参数名称 Item	单位 Unit	HBC90.18-176RA	HBC90.18-195RA	HBC100.13-195RA
最大理论混凝土输送量（高压/低压） Max. theory concrete output (L/H/)	m <sup>3</sup> /h	57/88	62/93	88/105
最大理论混凝土压力（高压/低压） Max. concrete pumping pressure (L/H/)	MPa	18/9.6	18/9.6	9/13
最大理论输送距离（垂直/水平） Max. theory delivery distance (vertical/horizontal)	M	350/1600	350/1600	250/1100
分配阀形式 Distribution valve	S管 S tube	S管 S tube	S管 S tube	S管 S tube
柴油发动机/型号 Diesel engine model	kw	176/潍柴道依茨 176/Weichai DEUTZ	195/大连道依茨 195/Dalian DEUTZ	195/大连道依茨 195/Dalian DEUTZ
额定转速 Rotate speed	rpm	2300	2300	2300
主油泵型号 Main oil pump specification		力士乐260 Rexroth 260	力士乐260 Rexroth 260	力士乐260 Rexroth 260
输送缸内径×行程 Delivery cylinder dia. ×stroke	mm	Φ230×1600	Φ230×1600	Φ230×1600
油缸内径×行程 Oil cylinder dia. ×stroke	mm	Φ150×1600	Φ150×1600	Φ150×1600
液压系统 Lubricating system		Double pump double circuit start system		
料斗容积 Hopper capacity	m <sup>3</sup>	0.68	0.68	0.68
上料高度 Feeding height	mm	1240-1450	1250-1450	1250-1450
液压油箱容积 Capacity of oil tank	L	500	500	500
底盘 Chassis		东风天锦 Dongfeng	东风天锦 Dongfeng	东风天锦 Dongfeng
外形长×宽×高 Dimensions: length × width × height	mm	8754×2470×3056	8754×2470×3056	8754×2470×3056
总重量 Total weight	kg	12000	12000	12000

(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.)