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# XBS

Fine Stone Concrete Pump  
XBS细石混凝土泵



### Brief Introduction

- XBS series products are a kind of mortar conveying equipment specially developed according to the characteristics of floor heating projects. They are extensively applied in the large-area and highly efficient construction of fine stone concrete or mortar stuffing in floor heating projects.
- XBS series products are also widely used for the conveying of fine stone concrete, fire-resistant and heat-insulating materials in various construction projects; the delivery of afforesting soil in eco-environmental construction; the pressure grouting of various basic piles.
- The inner diameter of conveying pipe has developed into Φ100 based on former Φ80 so that XBS series products can convey concrete with diameter no more than 30mm, which makes XBS series products have broader applications such as the conveying of mortar, small stones and large aggregate concrete.

- XBS系列产品是针对地暖施工的特点而专门开发的砂浆输送设备，适用于地暖工程中细石混凝土填充层或砂浆填充层的大面积、高效率的施工。
- XBS系列产品还适用于各类工程建设中细石混凝土的输送，耐火、保温材料的输送；生态环境建设中的绿化土壤的输送，各类基础桩的压力灌浆。
- XBS系列细石泵由原来Φ80输送管基础上换成Φ100的输送管，可以输送3cm一下混凝土，使XBS细石泵的用途更加广泛（可以输送砂浆、细石及大骨料混凝土）。

### 产品简介

### Features and advantages

- High efficient hydraulic system with new high-speed commutation mode, which makes the pump commutation efficiency increase by 12%.
- Large displacement pumping system makes the suction efficiency increased by 6%, to meet the needs of a variety of working conditions.
- Overall hydraulic reversing open system has the advantage of high cleanliness of hydraulic oil, low oil temperature and small impact on commutation.
- Master cylinder seal adopts waterproof technology, which can effectively prevent water from entering the hydraulic system, to prevent hydraulic oil emulsification.
- Advanced S tube valve enjoys the advantages of good sealing, while quick-wear parts are economic and durable, easy to replace.
- Hydraulic and electrical main components use internationally renowned brands with high reliability.

- 高效液压系统，采用新型高速换向方式，泵送换向效率提高12%；
- 大排量泵送系统，吸入效率提高6%，满足各种工况需求；
- 全液压换向开式系统，液压油清洁度高，油温低，换向冲击小；
- 主油缸采用防水密封专利技术，有效防止水进入液压系统，防止液压油乳化；
- 先进的S管阀系统，密封性能好，易损件经济耐用，更换方便；
- 液压、电气主要元件采用国际知名品牌，可靠性高。

### 性能特点



### Technical Parameters

### 主要技术参数

参数名称 Items	单位 Unit	型号及参数 Models and Parameters	
		XBS25-12-33	XBS30-13-40
最大理论排量 Theoretical Max. Discharging Volume	m <sup>3</sup> /h	25	30
最大理论输送压力 Theoretical Max. Delivery Pressure	Mpa	12	13
主电机功率 Main Motor Power	kw	30	37
副电机功率 Assistant Motor Power	kw	3	3
分配阀形式 Distributor valve type		S管阀 S valve	S管阀 S valve
液压油路形式 Hydraulic Oil Circuit Type		开式回路 Open Circuit	开式回路 Open Circuit
输送缸规格 Specification of Delivery Cylinder	mm	Φ140×800	Φ140×800
主油缸规格 Specification of Main Oil Cylinder	mm	Φ80/Φ50×800	Φ80/Φ50×800
料斗容积 Hopper Capacity	L	300	300
液压油箱容积 Oil Tank Capacity	L	200	200
允许最大骨料粒径 Max. Diameter of Aggregates	mm	≤30 (≤20)	30
输送管内径输送管内径 Inner Dia. of Delivery Pipe	mm	Φ100/Φ80	Φ100/Φ80
外形尺寸(长×宽×高) Dimension (L ×W ×H)	mm	4100×1500×1500	4300×1500×1500
主机质量 Overall Weight	kg	2000	2100
拖行速度 Pulling Speed	km/h	≤8	≤8

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