



参数名称 Name of parameter	单位 Unit	HBT80SR21186C
理论混凝土输送量 (高压/低压) Output capacity	m <sup>3</sup> /h	53(high pres.)/86(low pres.)
理论泵送出口压力 (高压/低压) Output pressure	MPa	21(high pres.)/13(low pres.)
分配阀形式 Distribution Valve		S 管阀 Valve
动力型号 (大柴道依茨) Diesel engine		BF6M1013-25T3R/1 (DEUTZ-DALIAN)
柴油机额定功率 Rated power of diesel engine	kW	186
额定转速 Rated rotating speed of diesel engine	rpm	2100
主油泵排量 Displacement of the main oil pump	ml/r	260
泵送系统油压 Oil pres.of the pumping system	MPa	32
输送缸内径×行程 Delivery cylinder diam.×stroke	mm	Φ200×1800
液压系统 Hydraulic system circle form	双泵双回路开式系统 Twin-pump and -circuit open sys.	
料斗容积 Hopper volume	L	730
上料高度 Feeding height	mm	1400
液压油箱容积 Oil tank volume	L	500
允许最大骨料粒径 Max.grain size	mm	卵石 pebbleΦ50, 碎石 crush.stoneΦ40
外形: 长×宽×高 Overall dimension L×W×H	mm	6460×1962×2620
总质量 Total mass	kg	6900



优化设计的S管  
S-tube with optimized design



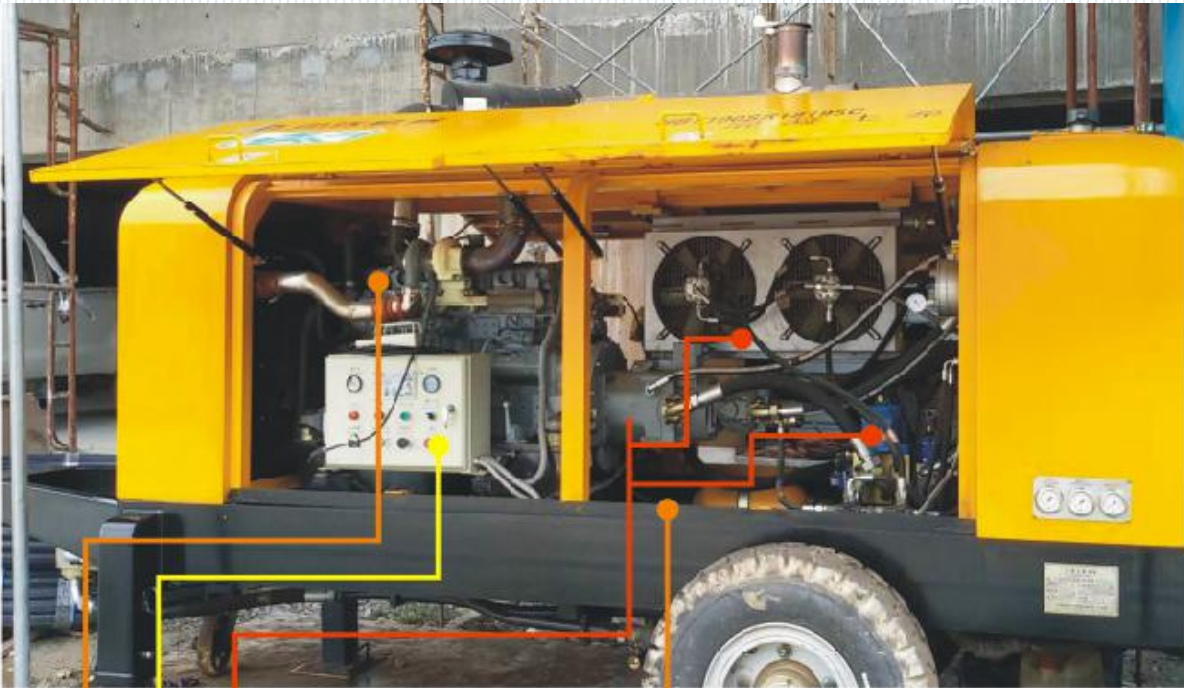
摆动及搅拌机构：采用动压双层密封及隔离漏浆设计。  
Swing and mixing mechanism with double layer sealing and isolated leakage device.



三维几何优化料斗  
3D-geometry optimized designed hopper.

材质及参数如有变动恕不另行通知

Materials and specifications are subject to change without notice.


**动力系统 Power system**

采用大柴道依茨 (DEUTZ) 发动机作为原动力, 吹风式散热效果显著, 大幅度降低了液压系统的温升。  
 Deutz (made in DALIAN, CHINA) diesel engine possesses blowing cooling to greatly reduce the temperature of the hydraulic system.

**电控系统 Electric control system**

- (1) 电控箱: 封闭式电控箱; 触摸数字终端可以非常精确而便捷地设定泵送速度、发动机转速, 并显示泵送方量、速度、转速等各种运行状态及故障信息。 Control box: enclosed. Touch screen: all kinds of operating parameters can be stored and displayed.
- (2) 自有专利: 双控自动泵送技术, 在接近开关失效的情况下, 仍可进行自动泵送。 Double controller auto-pumping technology.
- (3) ECU控制单元, 对发动机油压、水温、转速等进行实时监测, 在显示屏上可读对应的参数值。  
 ECU control unit, real-time monitoring of engine oil pressure, water temperature, speed, etc., can read the corresponding parameter values on the display screen.

**液压系统 Hydraulic system**

- (1) 液压回路: 采用双泵双回路开式系统。 Circuit: twin-pump, twin-circuit open system.
- (2) 系统散热: 采用可控全流量强制风冷散热, 确保液压系统在60°C最佳油温状态下工作。 Controllable air cooling: full flow forced air-cooling radiator, ensure the hydraulic system works under the best temperature condition (60°C).
- (3) 泵、阀: 液压油泵及控制阀组均采用德国力士乐 (REXROTH) 产品, 搅拌系统采用意大利高泰克 (GALTECH) 混凝土泵专用的手动换向集成溢流阀。  
 Oil pumps & main valves: from REXROTH; manual relief valve is made in Italian GALTECH.

**润滑系统 Automatic lubrication**

采用多点集控相序随动设计, 精确、简洁、省油、可靠。  
 Multi-point centralized control.