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1. The Technical Parameter of Concrete Mixer Pump For Sale

Items		Units	Parameters
Whole performance of machine	Max. theo. concrete output	m ³ /h	40
	Mixer rated feed capacity	m ³	0.56
	Mixer rated discharge capacity	m ³	0.35

	Max.concrete pumping pressure	MPa	10
	Distribution valve type		S Valve
	Concrete cylinder diameter×stroke	mm	Φ160×1000
	Hopper capacity	L	400
	Outlet diameter	mm	Φ125
Power system	Diesel engine model		Deutz
	Electrical engineering power	kW	82
	Rotate speed	r/min	2300
	Winding motor power	kw	5.5
	Stir the motorPower	kw	4.5
	Water pump motor powe	kw	0.55
Hydraulic system	Circuit type		Open circuit
	Pumping system pressure	MPa	31.5
	Mixing system pressure	MPa	6
	Capacity of oil tank	L	350
The biggest transportation is away from vertically (/Level)		m	150/600
Other parameters	Max. aggregate diameter	mm	Scree: 20 30
	Max. aggregate diameter	mm	60mm
	Inside diameter of delivering pipe	mm	Φ125
	Dimensions: length×width×height	mm	6000×2300×3150
	Total weight	kg	5800

2. Main technical feature

2.1 Hydraulic system

- *Double open hydraulic loops (pumping hydraulic circuit is independent of distributing hydraulic circuit) with two pumps*, makes the whole hydraulic system much simpler. The reliability of the whole system is also much

higher as well as the components' life is prolonged greatly. This is convenient for judging and removing trouble.

- *Large valve changing direction*, makes the main pumping loop quick response, small leakage, good stability, high reliability and high resist contaminative capability.
- *Hydraulic system has safe relief protection*, at the same time, when the system pressure is over, the main oil pump cutting device makes itself be protected reliably.
- *Distributing hydraulic circuit adopts constant pressure pump*, which can provide strong distributing pressure and economic energy control.
- *Cone sealing of all pipes* make the pipe joints seal reliably.
- *The high-low pressure switch* adopting cartridge valve of reduces the trouble of dismantling and installing the oil pipe.
- Adopt emulsification technology of initiative and passivity recovery integration.

2.2 Electric control system

- Compared with domestic product, the *electric control system* is simplest, the element quantity is fewest and its reliability is highest.
- The *wire remote equipment* is convenient for operation far away.
- Adopting proximity switch in hydraulic cylinder can realize changing direction with non-touch, which ensures that the direction can be changed reliably.

2.3 Mechanical system

- The *design of hopper and S valve* and so on adopt I —DEAS software to caculate, the hopper and S valve have good rigidity to avoid the phenomenon of hopper distortion and S valve breakage.
- The *agitator* have unique form, which separates the hydraulic motor from

agitator bearing pedestal. At the same time, adopting large displacement motor ensures that the agitator moment is big enough.

- Make sure the pumping is good and decline the phenomenon of pipe jam, the spectacles wear plate and cutting ring should be used in lower abrasion. Xinsai's spectacles wear plate and cutting ring use high wear material, making the components' life prolonged greatly.

2.4 Lubrication system

The hydraulic circuit will take high oil into double distributor, and then the lubricating part can obtain hydraulic oil. It ensures the lubrication of the concrete cylinder's piston and other parts and prolongs the life of piston and other sealings.

2.5 Cooling system

The radiator equipment makes the working oil temperature of hydraulic system below 70°C and makes the machine in normal status.

3. Contact Us

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