

LGP250/350/100DPI-D Jet Grout Mixer Plant



Product Description

LGP250/350/100DPI-D jet grout mixer plant is an updated machine, based on the existing grouting station, as well as, is a combination of mixer, agitator and grout pump in one base frame. It is mainly used to be made bentonite slurry, cement slurry, etc., in the application highway, railway, hydropower, construction, mining and other ground and underground construction.

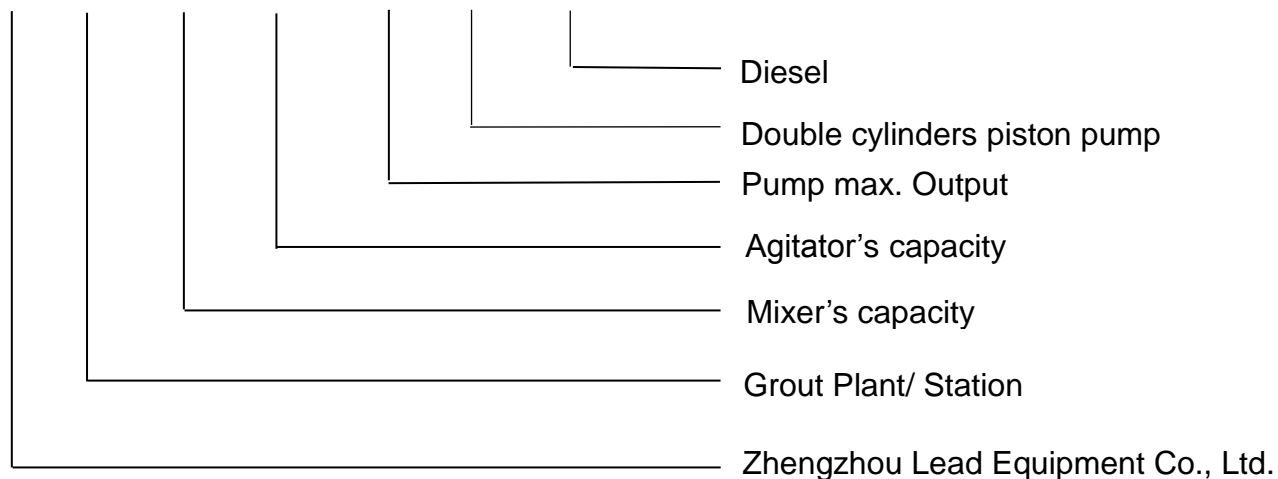
High-speed, high-shear colloidal mixer causes a vortex flow to ensure mix quickly and evenly. Water, cement or bentonite is quickly mixed into homogeneous slurry. Then the mixed slurry was delivered to the agitator. Grout pump injects from the mixing drum (storage tank). This ensures a continuous mixing and grouting operations. The grouting plant is hydraulic drive with electric motor. Grouting pressure and displacement is adjustable. Compact size and it is easy to operate. It also takes up a small space.

Main Features

- ◆ Diesel and full hydraulic driven.
- ◆ PLC and HMI control.
- ◆ Mixer and agitator switch is a squeeze handle that is easy to operate and reliable.
- ◆ Double cylinders piston pump to ensure the continuous slurry flowing (small pulse) and not easily leaking compared with the double acting piston pump.
- ◆ Grouting pressure and output are step-less adjustable.
- ◆ Over hydraulic oil temperature protection.
- ◆ With function of record and display grouting pump reciprocating times by a counter.
- ◆ Solid State Relay.

Model Definition

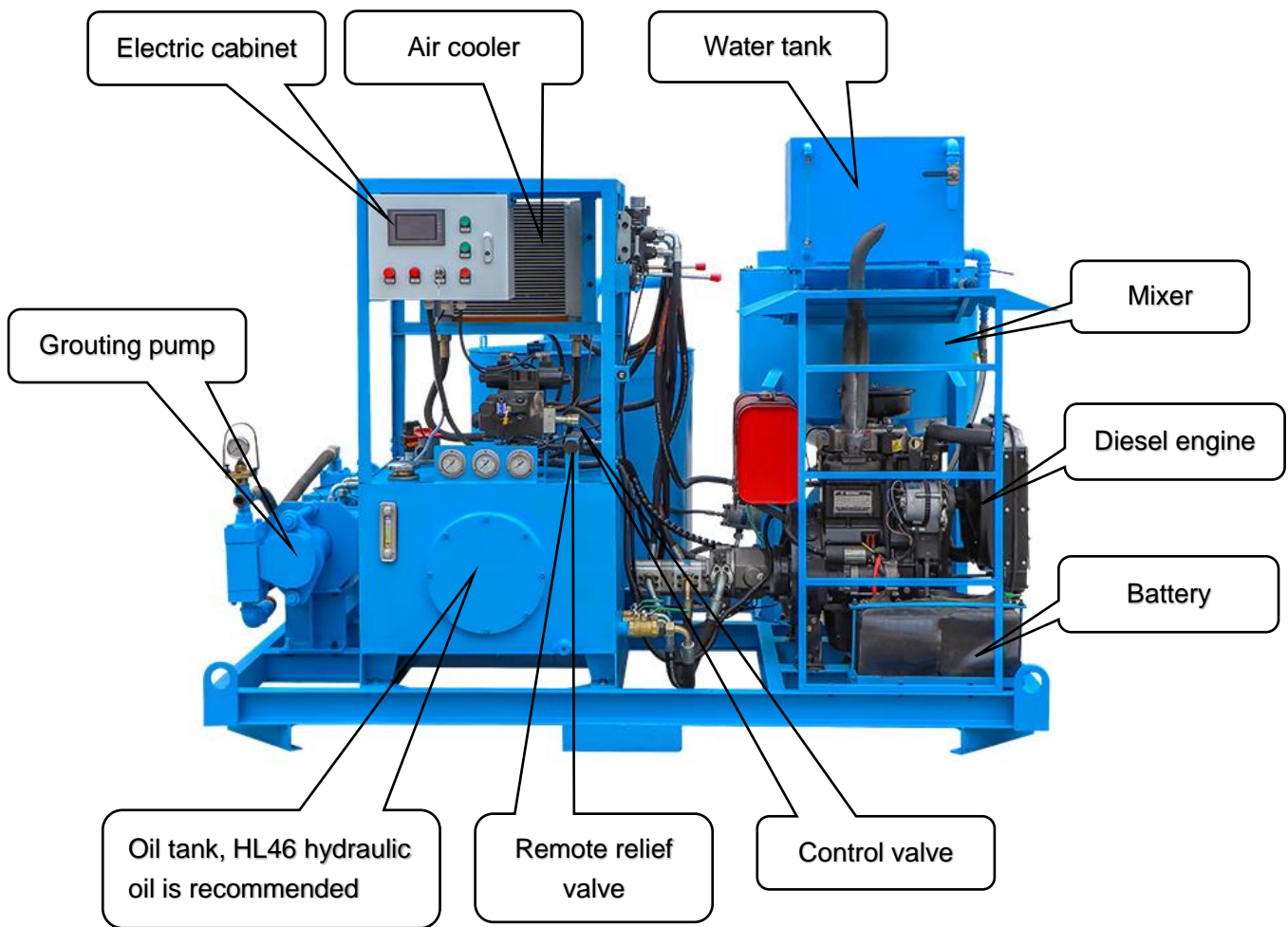
L GP 250 / 350 / 100 DPI - D

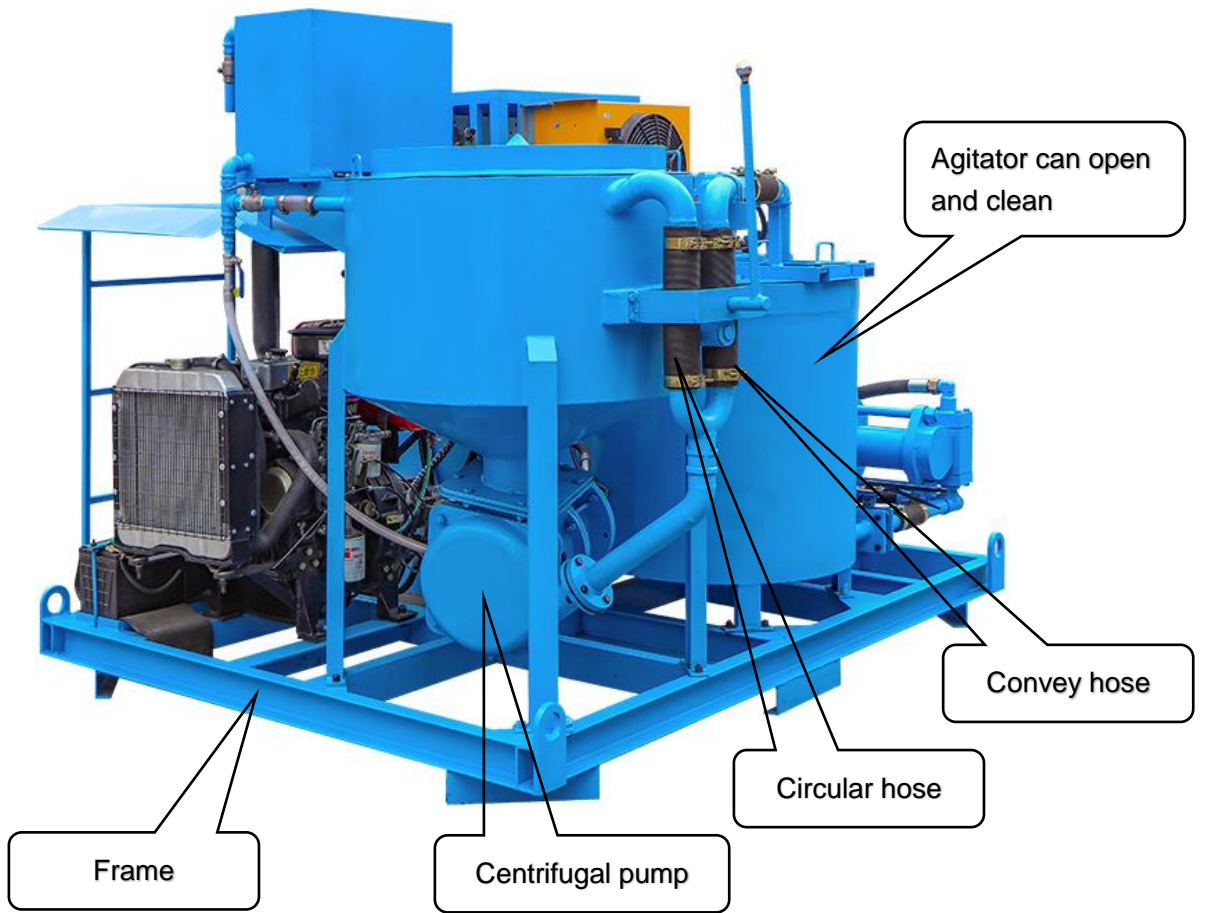


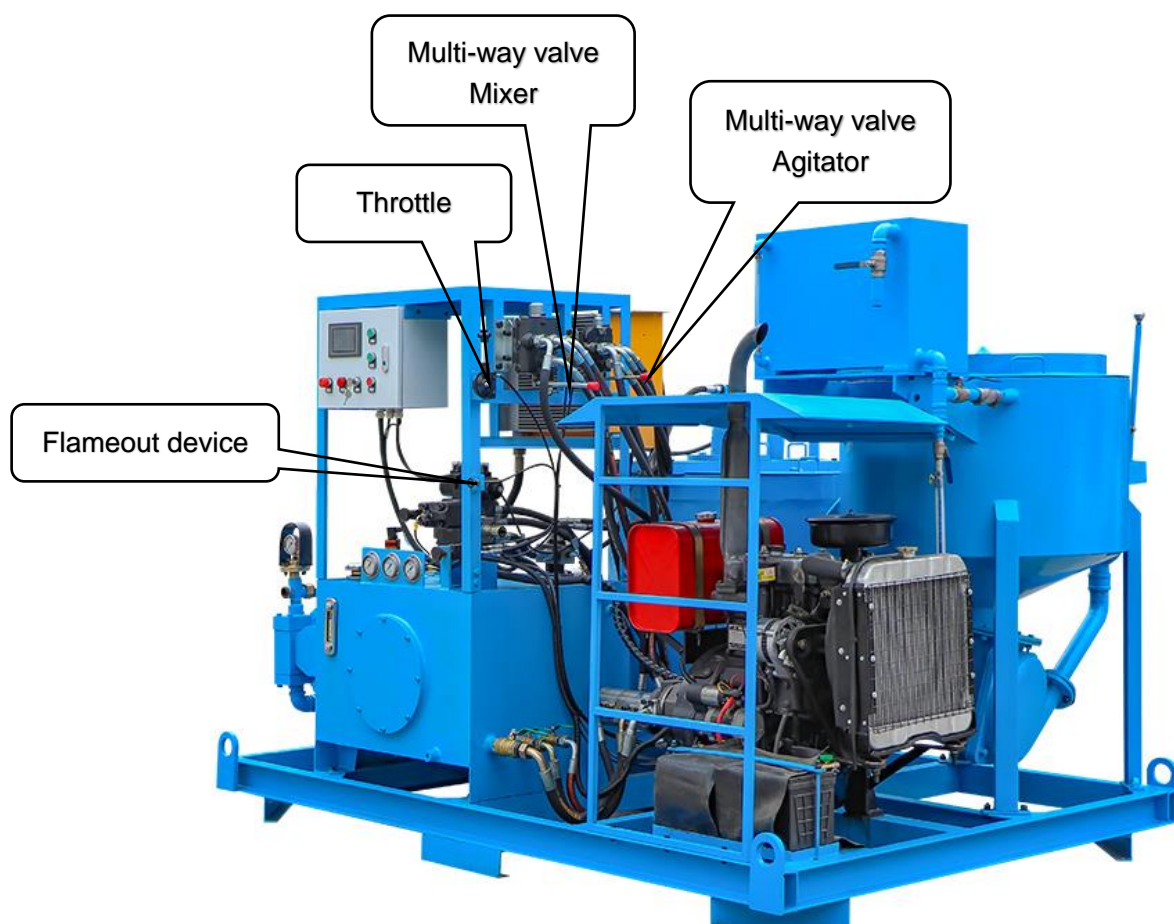
Specification

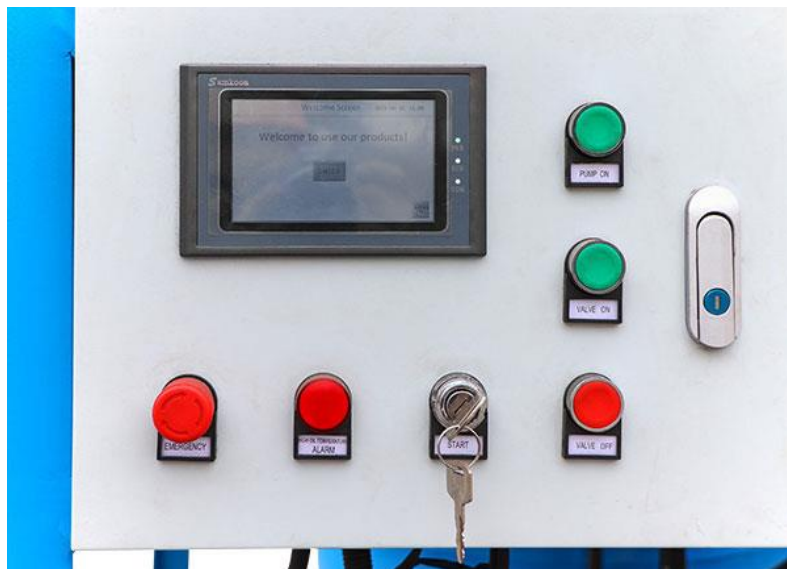
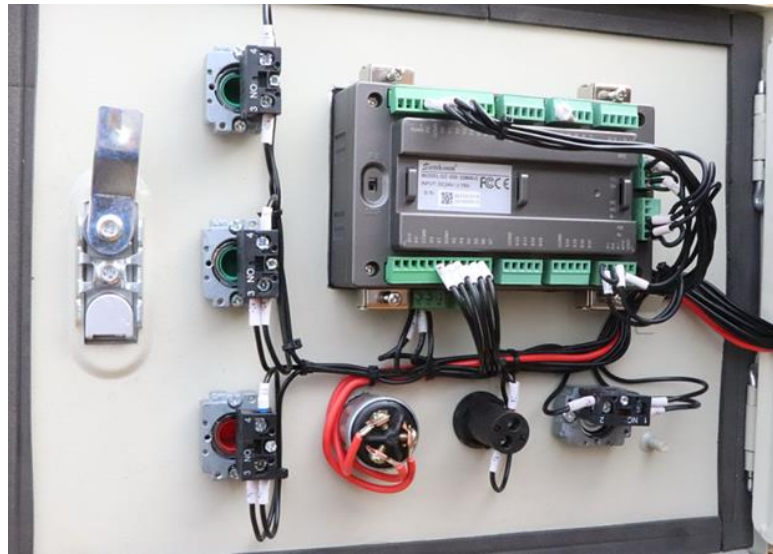
Name		Data
Type		LGP250/350/100DPI-D jet grout mixer plant
Diesel engine		25Kw@ 2200r/min
Mixer	Volume	250L
	Speed	1500rpm
Agitator	Volume	350L
	Speed	36rpm
Grouting pump	Type	Hydraulic two cylinder piston pump
	Pump pressure	0-100bar
	Pump output	0-100L/min
Dimension	Dimension	2500x2200x1820mm
	Weight	1550kg

Main component









PLC and HMI (Human Machine Interaction) control

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