

LGP100/150/20PI-E Colloidal grout mixing plant



Product Description

LGP100/150/20PI-E Colloidal grout mixing plant is a combination of mixer, agitator and grout pump in one base frame. It is mainly used to be made and grouted the cement slurry in the highway, railway, hydropower, construction, mining and other ground and underground construction applications.

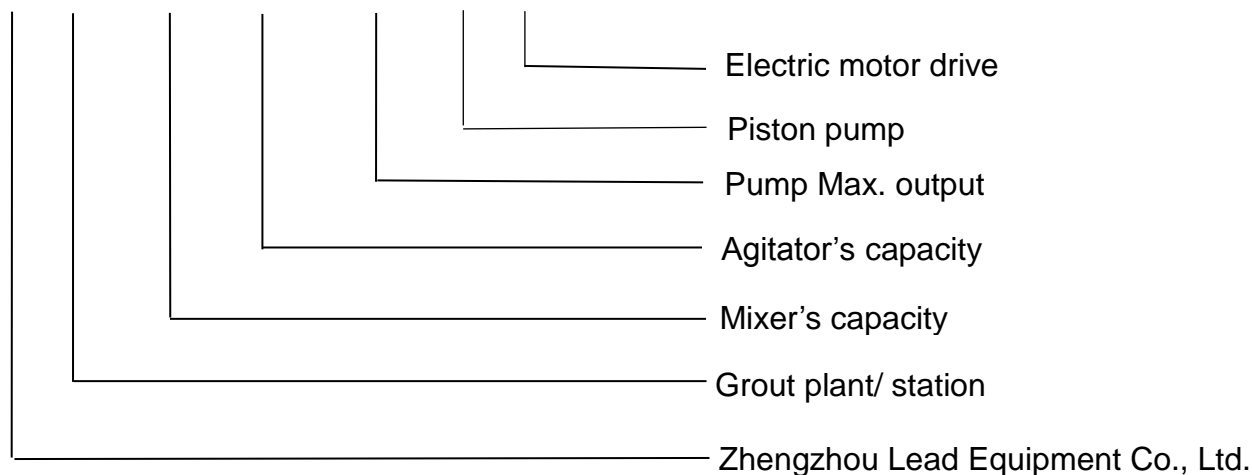
High-speed, high-shear colloidal mixer causes a vortex flow to ensure mix quickly and evenly. Water, cement or bentonite is quickly mixed into homogeneous slurry. Then the mixed slurry was delivered to the agitator. Grout pump injects from the mixing drum (storage tank). This ensures a continuous mixing 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

- One and two-oil gear pump to get large output and high pressure in the same grout pump.
- Single piston and two-acting, by our special design to get the same volume in both rod and no rod chamber.
- Vertical pump with compact size.
- Hydraulic drive, safely releasing pressure when pumping block.
- Ball valve.
- Up to 5mm particle size.
- Low flow pressure surge system.
- Lower charging material height for mixer.
- High-speed colloidal grout mixer.

Model Definition

L GP 100 / 150 / 20 PI - E

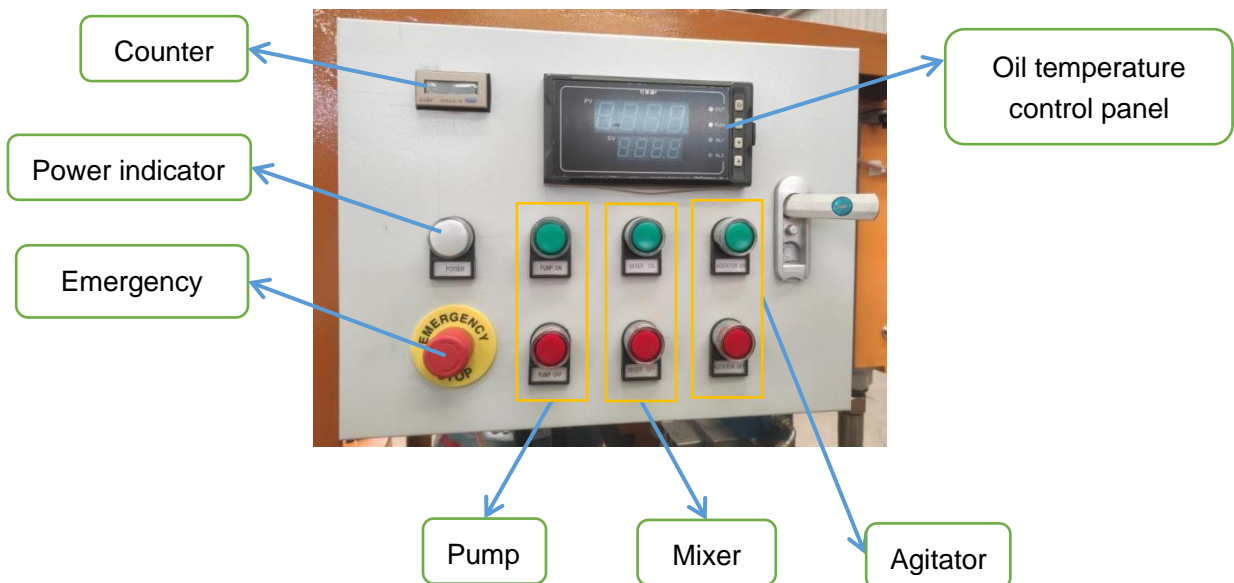
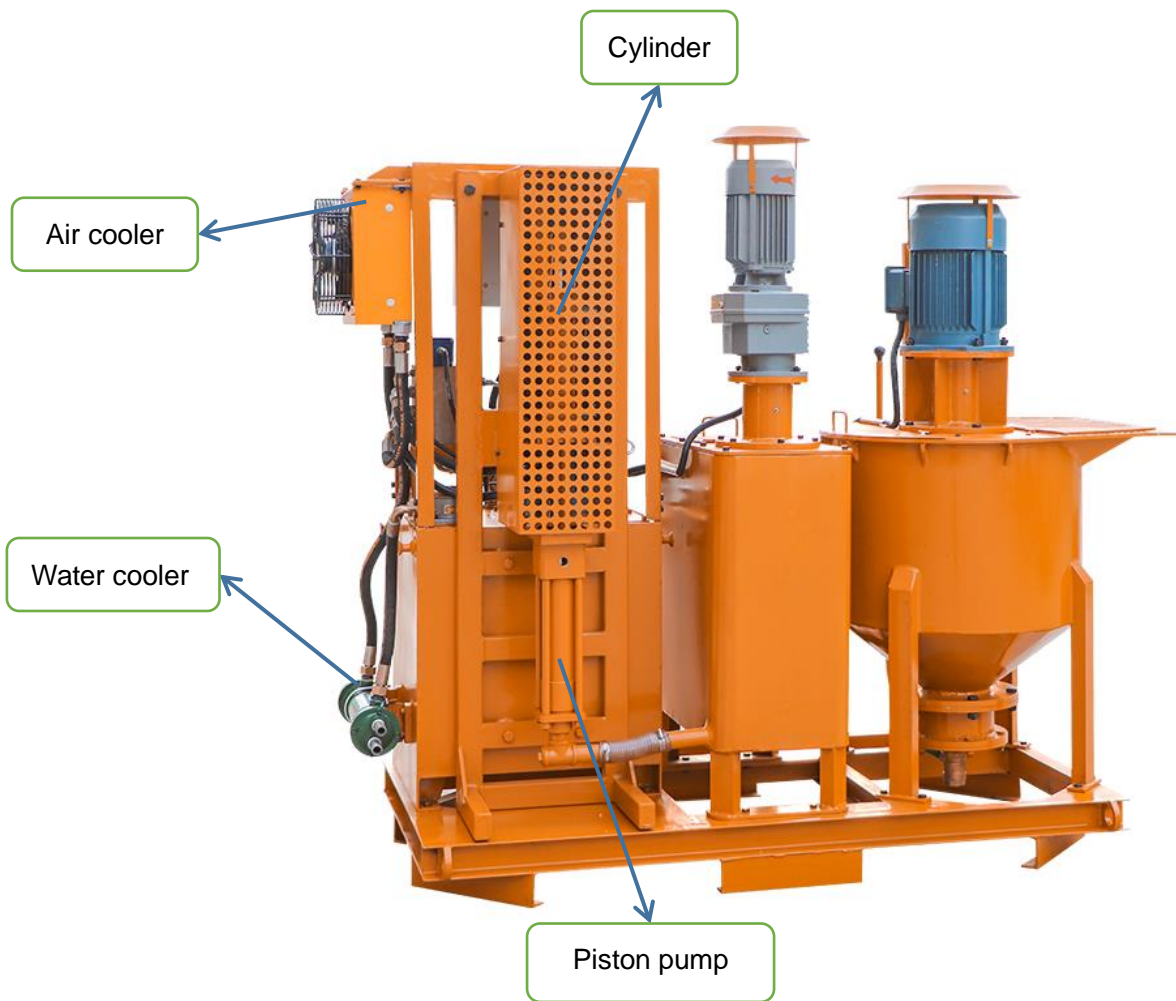


Specification

Name		Data
Type		LGP100/150/20PI-E Grout Station
Mixer	Volume	100L
	Speed	1500rpm
	Motor power	5.5kw
Agitator	Volume	150L
	Speed	36rpm
	Motor power	1.5kw
Grouting pump	Pump pressure and output	20L/min @ 43bar
		10L/min @100bar
	Motor power	5.5kw
Dimension	Dimension	2200×1000×1850mm
	Weight	900kg

Main component









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