

LGP400/700/80/100DPI-D Colloidal grout mixer pump unit



Product Description

LGP400/700/80/100DPI-D Colloidal grout mixer pump unit 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.

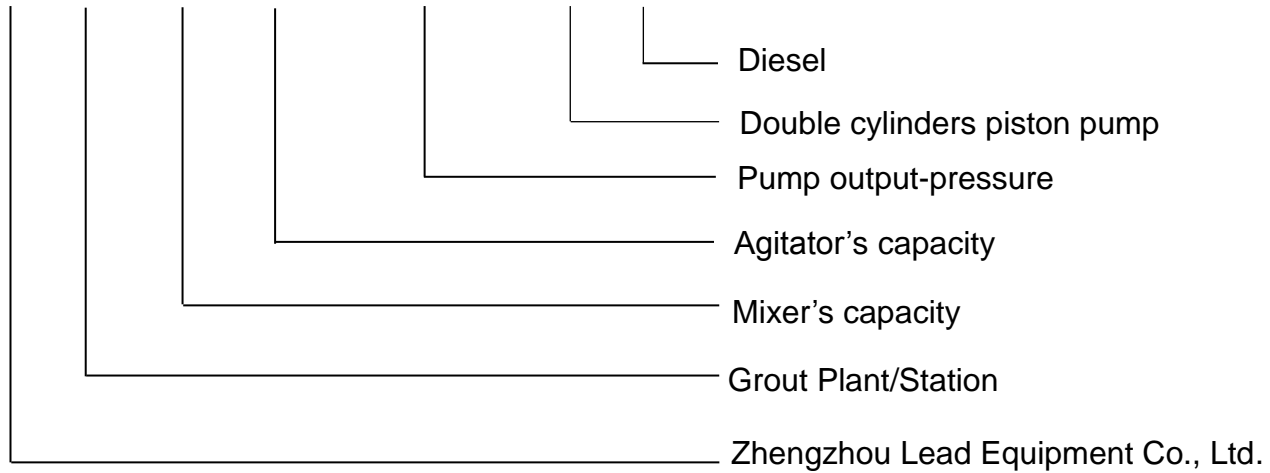
High speed vortex mixer ensures mix quickly and evenly. Water, cement or bentonite is quickly mixed into a homogeneous slurry. Then the mixed slurry was delivered to the agitator. Grout pump injects from the mixing drum (storage tank). This ensures a continuous mixing and grouting operations. The grouting 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 of Colloidal grout mixer pump unit :

- ◆ Double cylinders piston pump with single acting to ensure the continuous slurry flowing (small pulse) and not easily leaking compared with the double acting piston pump.
- ◆ Grouting pressure and displacement is adjustable.
- ◆ The function switch between mixer and pulping machine is realized by using squeeze switch.
- ◆ The oil thermometer can automatically control the cooling fan to work within the normal temperature range. If the temperature is too high, the machine will automatically stop working.
- ◆ Full hydraulic drive, three cylinders air cooling diesel engine acted as universal grouting applications.
- ◆ Easy to operate and maintain.
- ◆ Up to 5mm particle size.
- ◆ Air cooling and water cooling for the hydraulic.

Model Definition

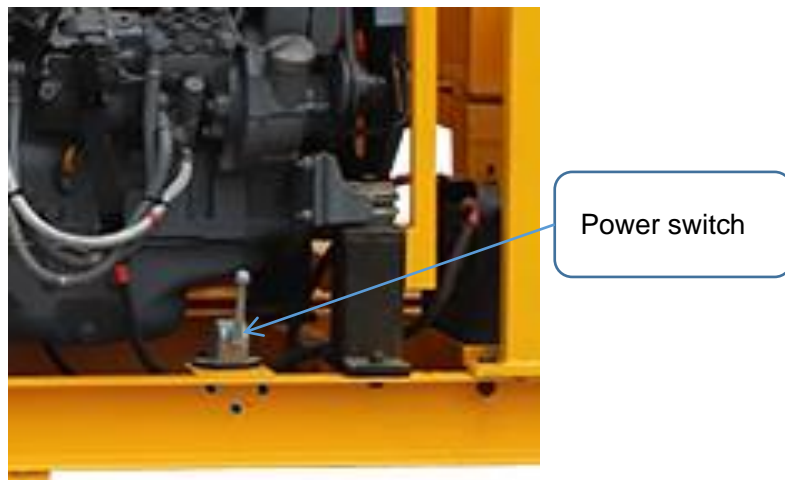
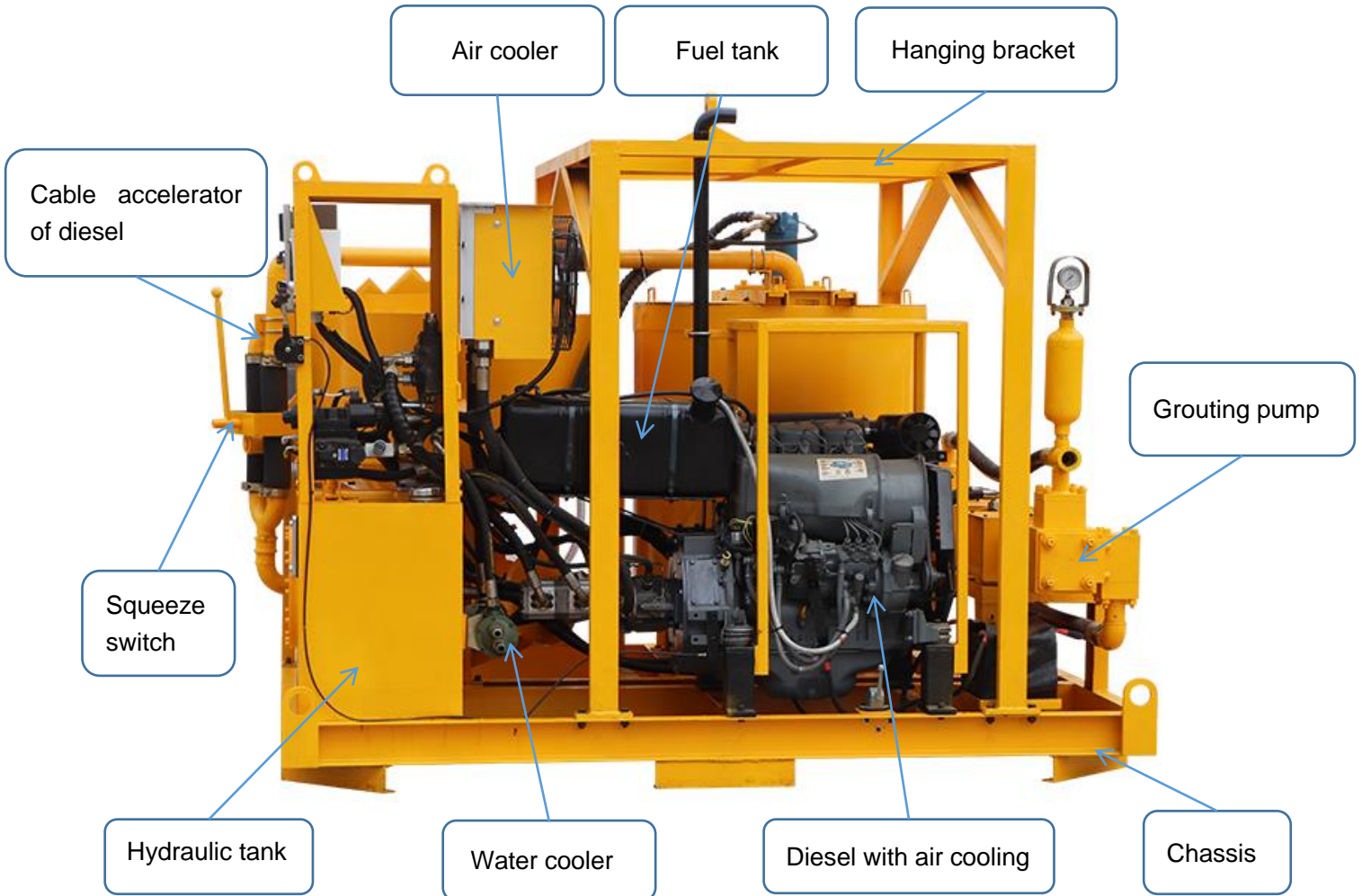
L GP 400 / 700 / 80 / 100 DPI - D

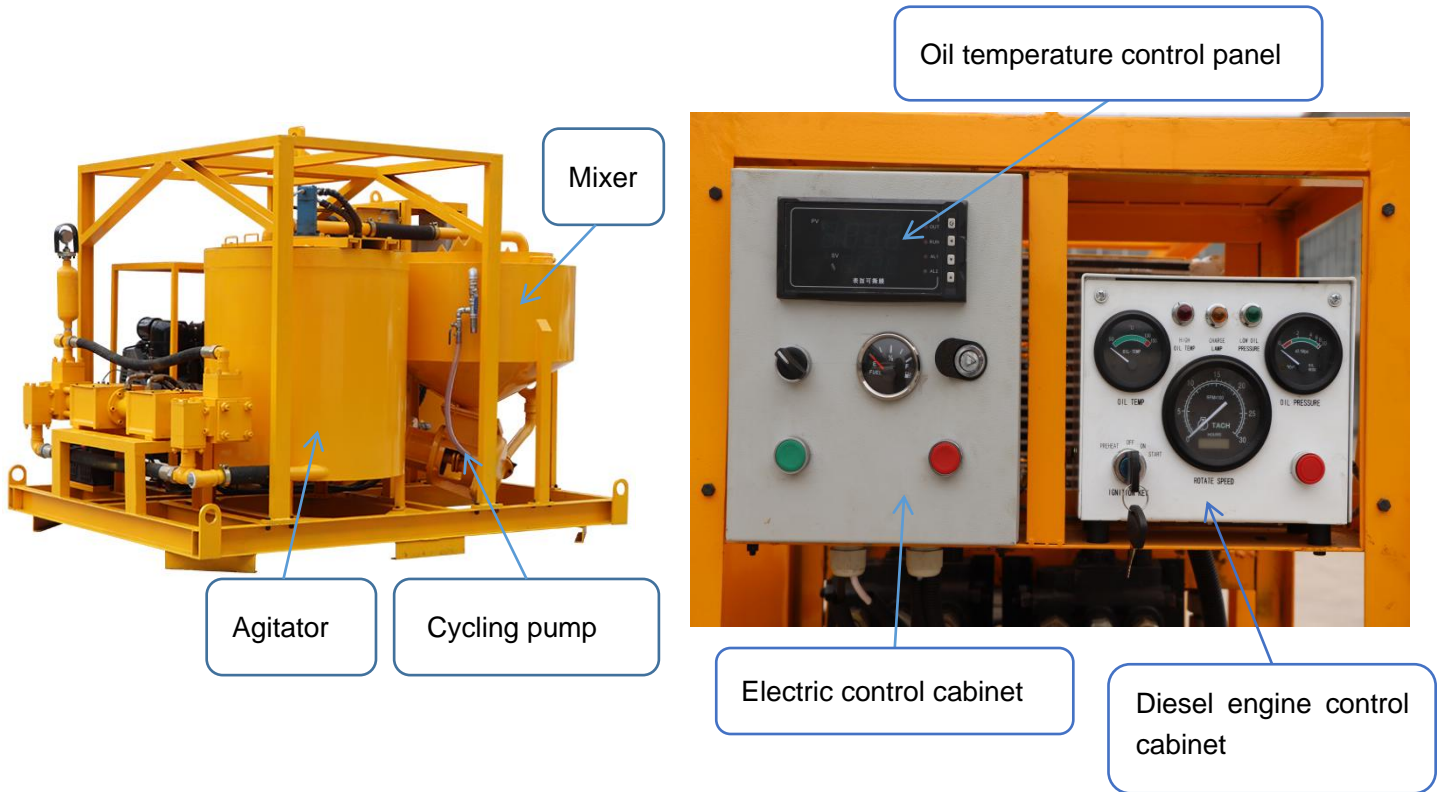


Specification

Name		Data
Type		LGP400/700/80/100DPI-D grout unit
Mixer	Volume	400L
	Speed	1500rpm
Agitator	Volume	700L
	Speed	36rpm
Grouting pump	Pump pressure and output	40bar@80L/min
		100bar@40L/min
Dimension	Dimension	2480×1960×1995mm
	Weight	1965kg

Main component







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