

LGP500700100PI-D Colloidal grout plant for sale



Zhengzhou Lead Equipment Co., Ltd.

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1、Description

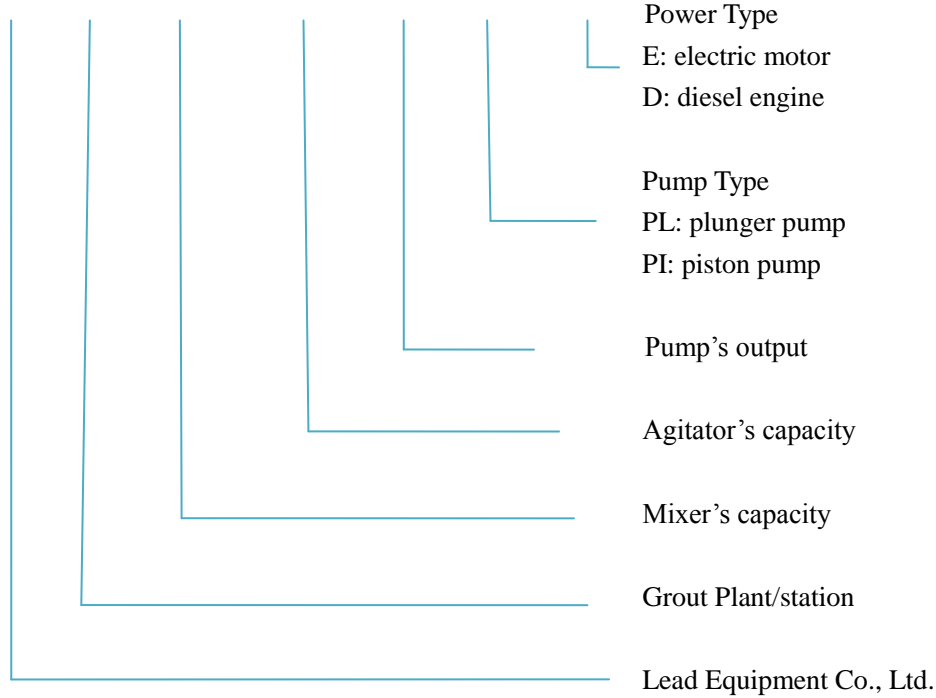
The LGP500700100PI-D Colloidal grout plant for sale is combination of mixer, agitator and hydraulic piston grout pump in one plant. It's mainly used for ground and underground engineering such as highway, railway, hydropower, construction, mining.

After the slurry is completely mixed by mixer, then is pumped into agitator. And the pump suction is connected to the outlet of agitator. To turn on this grout pump, then to start to grout. Due to this station is combination of mixer, agitator and grout, so the continuous grout is available.

The plant is hydraulic drive with compact structure, convenient operation, less space occupation. The output is stepless variable.

1.1 Model Definition

L GP 500 /700 /100 PI - D



2、 Technical data

Type	LGP500700100PI-D Colloidal grout plant
Diesel engine	25kw/36HP
Rotating speed of engine	2200r/min
Dimensions	2900*1960*1550mm
Weight	1790kg
Mixer	
Capacity	500L
W/C ratio	0.5-1
Rated Rev.	1500rpm
Agitator	
Volume	700L
Rated Rev.	36rpm
Pump	
Type	Hydraulic Two Cylinder Piston Pump
Pressure	0-50 bar
Output	0-100 L/min

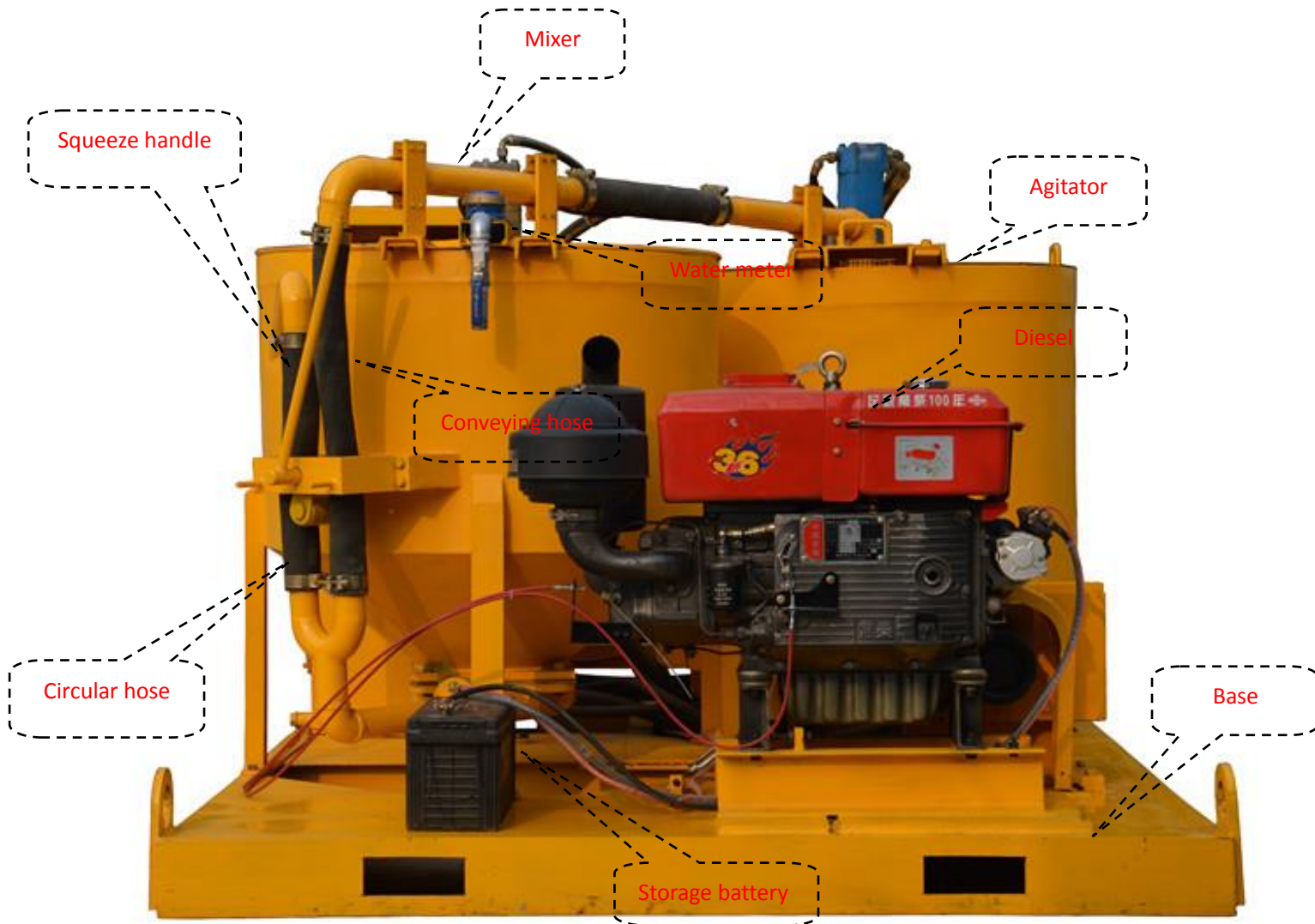
3、 LGP500700100PI-D Colloidal grout plant structure and

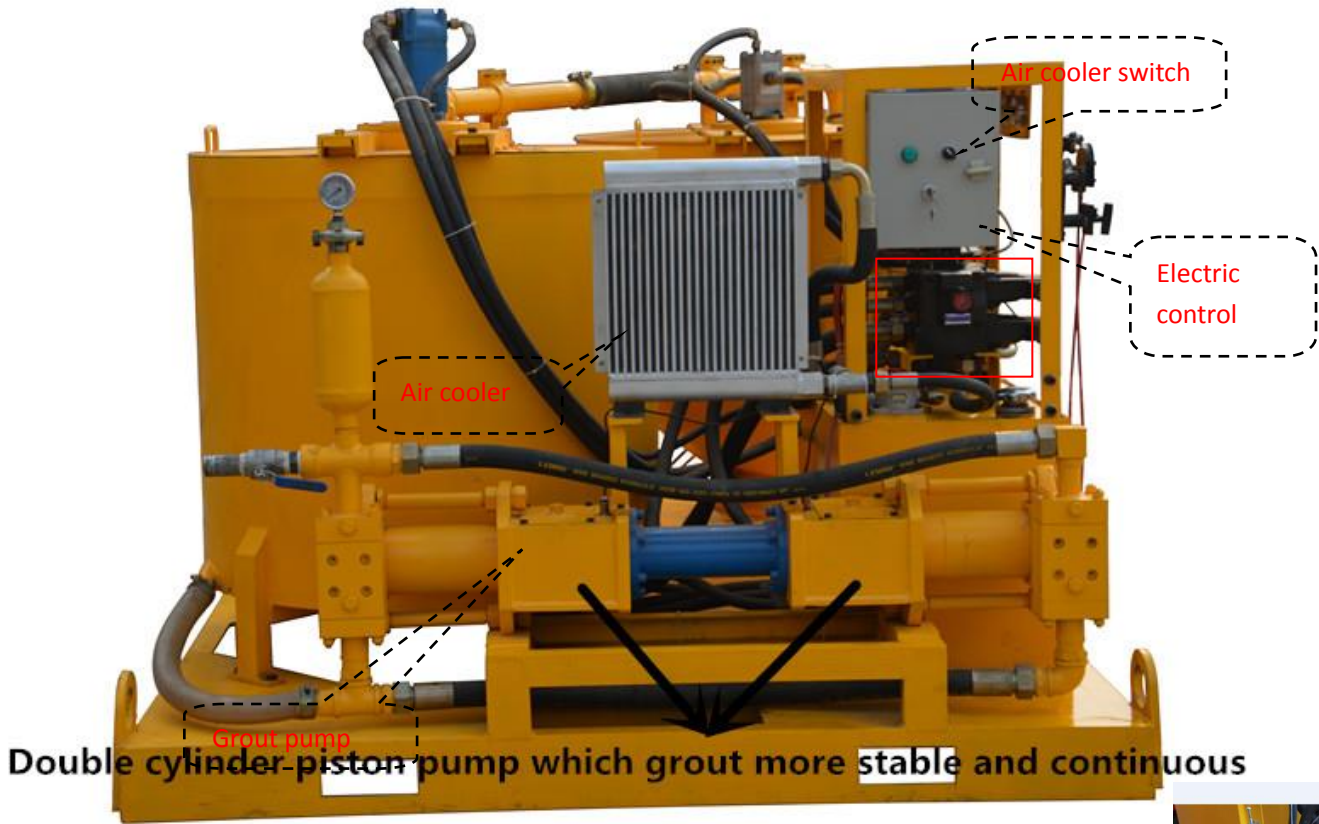
Working Principle

3.1 Component

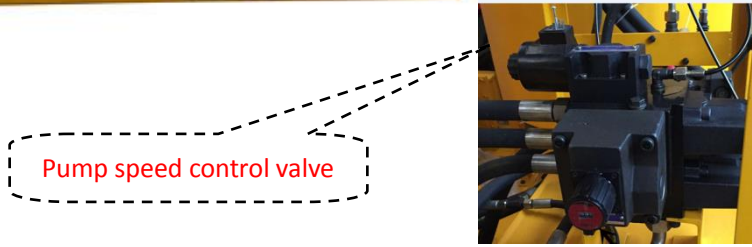
This plant is combination of mixer, agitator, grout pump, hydraulic power pack, diesel engine, electric control, squeeze handle, etc. The worldwide famous brand hydraulic elements ensure the safety. The diesel is Changchai EH36 diesel engine which ensures the power supply.

See Fig.1 2 3

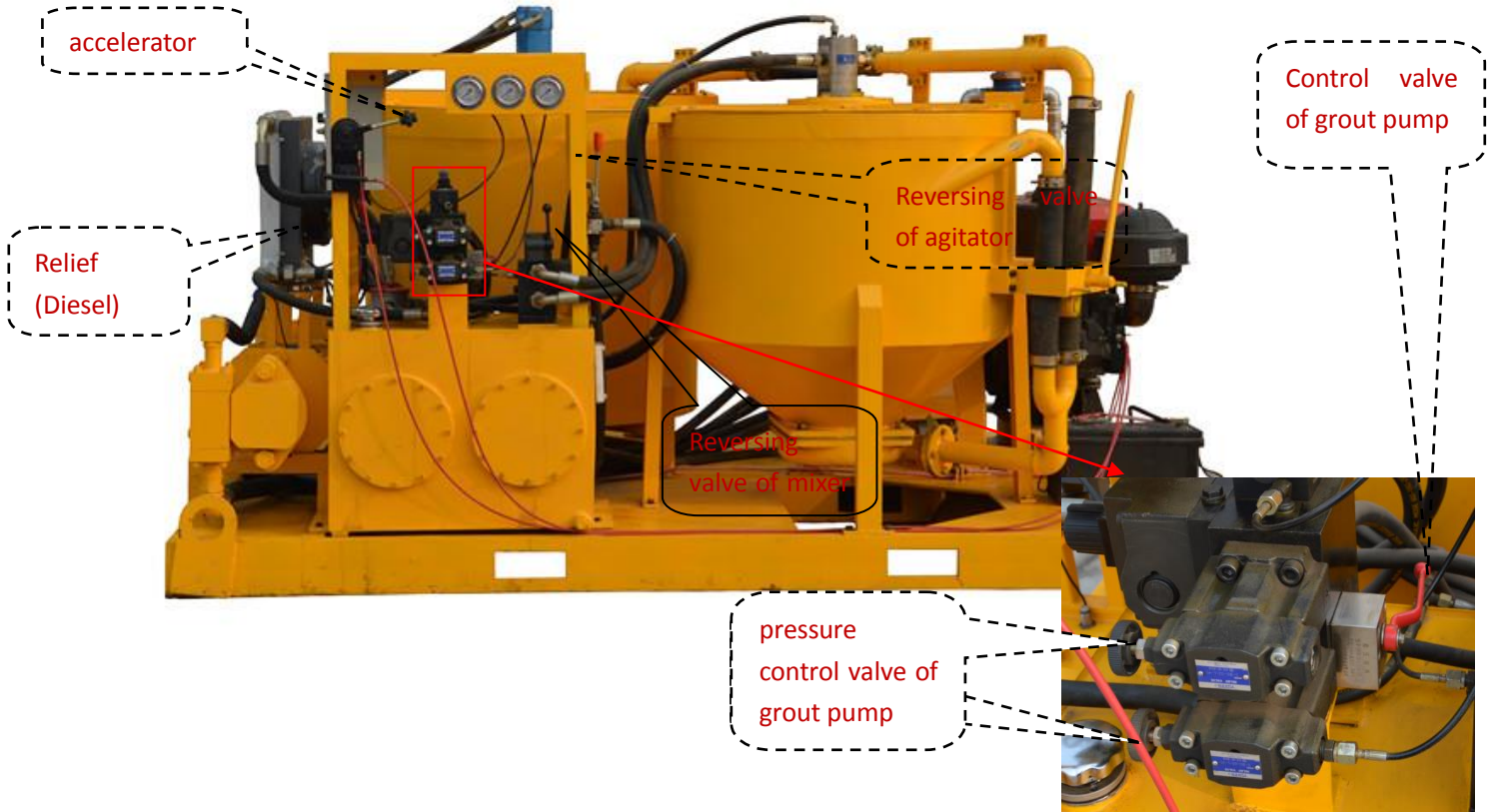




Double cylinder piston pump which grout more stable and continuous



Pump speed control valve



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