

LGP220/450/38H-H Hydraulic Grout Plant



◆ Product Description

LGP220/450/38H-H Hydraulic Grout Plant is a modular cement slurry filling machine, suitable for civil engineering, tunnel engineering, void filling, onshore/offshore filling operations, and low-strength backfill projects.

This device integrates a mixing unit, a stirrer, and a flexible hose pump into a single unit, featuring a compact design that eliminates the need for additional internal piping connections. It is powered by externally supplied hydraulic power, thereby eliminating the requirement for a motor and electrical control systems. This design also mitigates issues such as voltage mismatch and inconvenient power supply.

LGP220/450/38H-H Hydraulic Grout Plant requires manual or mechanical feeding of the required materials for the slurry into the mixer in the specified proportions. The materials are delivered via a centrifugal pump into a pipeline, then passed through an extrusion valve back to the mixer for circulation, ensuring thorough mixing into a slurry; subsequently, the direction of the extrusion valve is changed to direct the slurry into the agitator. Once the slurry enters the agitator, the agitator must be activated to prevent the slurry from solidifying; when a sufficient amount of material has accumulated in the agitator and grouting is required, the hose pump can be activated to perform the grouting operation.

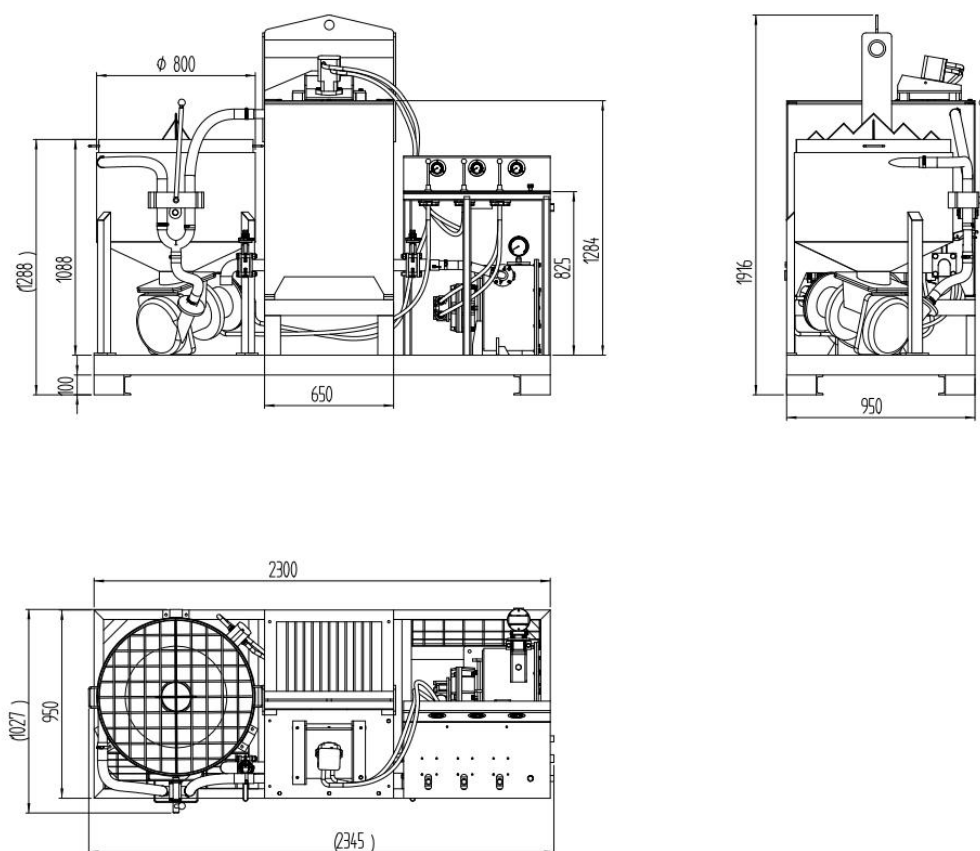
◆ Product Feature

1. No external power supply required, eliminating concerns regarding voltage mismatch and power supply inconvenience;
2. Simple structure;
3. Easy to use and maintain;
4. Rapid mixing of water, cement, and additives.

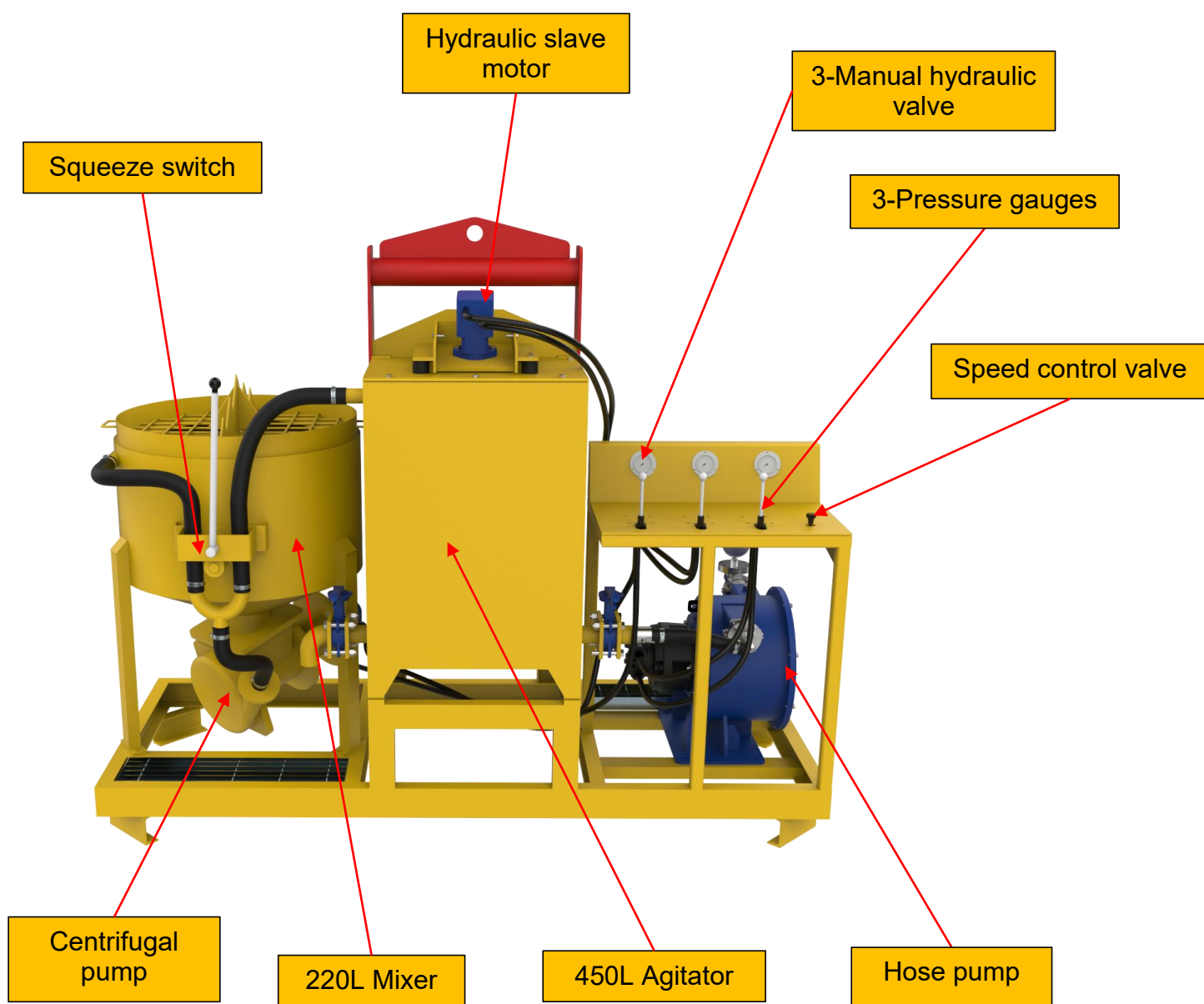
◆ Product Specification

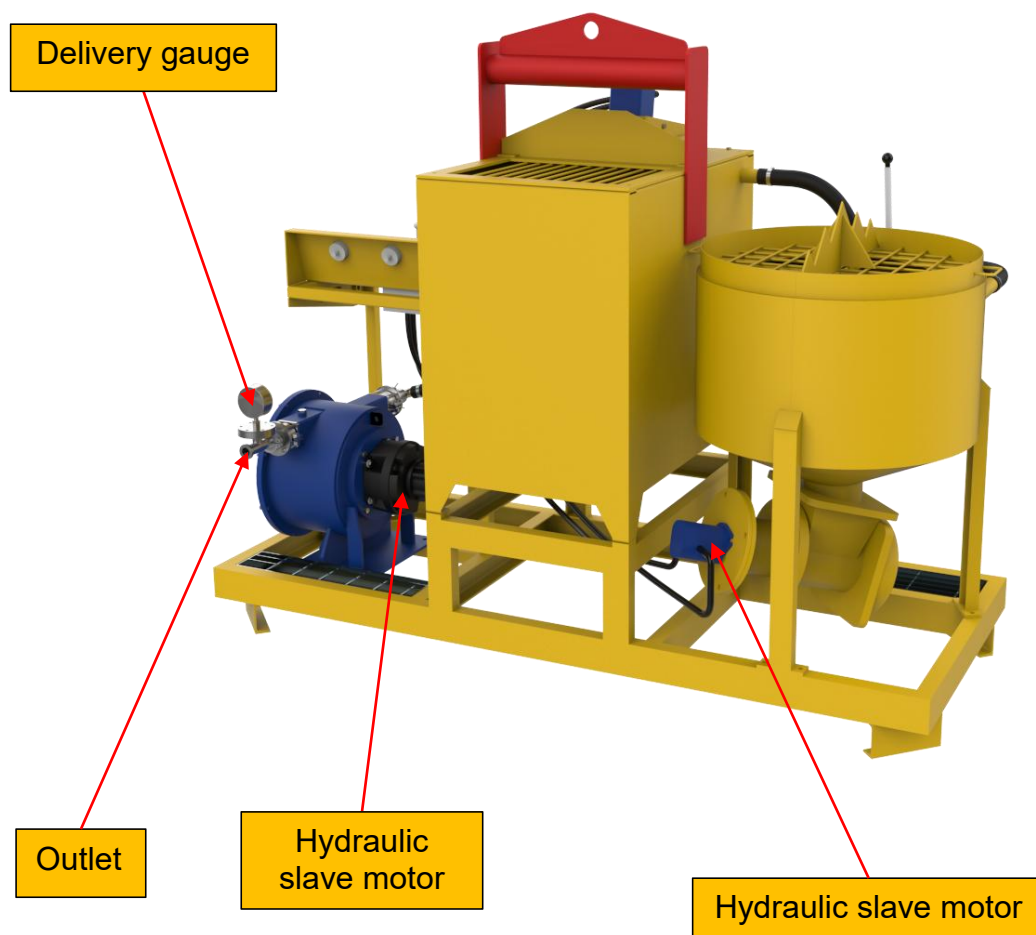
Name	Data	
Machine Type	LGP/220/450/38H-H	
Mixer	Volume	220L
	Speed	1500rpm
Agitator	Volume	450L
	Speed	46rpm
Hose pump	Model	LH32-330SR
	Pump pressure	14bar
	Output	19~38L/min
Dimensions in mm	Height	1920mm
	Length	2350mm
	Width	1030mm
Weight in kg	950kg	
Require Hydraulic	45L/min@16.5mpa	
We could also customize according to your demands.		

◆ Dimension



◆ Detail Part







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