

LGP220/300/300PI-E Customized grout mixing plant



Description

LGP220/300/300PI-E Customized mortar grout mixing plant is designed based on high speed vortex mixer and mortar mixer. It achieves continuous and high speed mortar mixing and grouting. It is mainly used in municipal, highway, railway, hydropower, construction, mining and other construction site for mortar grout. This grout station is driven by electric motor, mechanical plunger type injection pump. Compact size, easy to operate and also takes small place. Grout pump adopts frequency control, so the flow is step-less adjustable.

It is suitable for making cement mixture and mortar cement mixture. Working principle is: Evenly mixed slurry convey to No. 1 agitator. Add sand to No. 1 agitator and mix. Evenly mixed



郑州佰利得机器制造有限公司

Zhengzhou Lead Equipment Co., Ltd.

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mortar cement mixture flows into No. 2 agitator through discharge outlet. Grouting pump sucks mixture from No. 2 agitator and finish the grouting, gunite and backfilling etc. project. Grouting, while the next round of mixing can be carried out, thus the grout station achieves continuous work.

Feature

- 1. Grouting pressure, output is stepless adjustable;
- 2. Simple structure, light weight, easy maintenance;
- 3. Continuous output with small pulse;
- 4. Less spare parts ensure low maintenance costs;
- 5. High speed vortex mixer ensures mix quickly and evenly;
- 6. Mixer and agitator switch by using squeeze handle, it is safe, reliable and easy to operate;
- 7. The motor has an overload protection function;
- 8. It has wrong operation safety protection device. When the vibrating screen mesh is taken up, the machine will stop;
- 9. Flameproof electric cabinet, protection grade IP56;
- 10. With CE, ISO certification.

Applications:

- 1. Civil engineering - dam, tunnel, subway, mine, soil nailing wall, curtain, anchor, cable trench and anchor grouting;
- 2. Building structure - building and bridge repair, foundation reinforcement, slope support, soil compaction, terrg grouting;
- 3. Engineering - underwater foundation, offshore platform, coast foundation grouting reinforcement;
- 4. Mine application - roadway reinforcement, backfill, waterproof grouting.

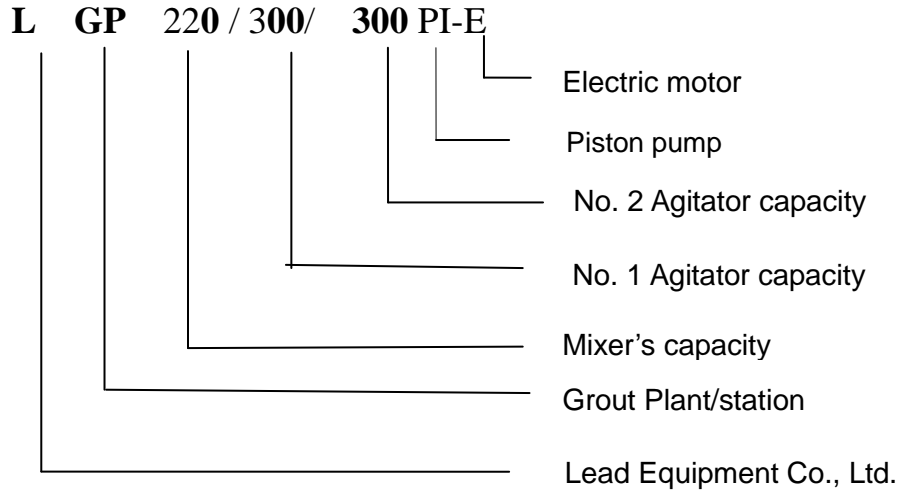
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Model Definition



Specification:

Description	Data
Grout Station model	LGP220/300/300PI-E
Dimensions	2350x1830x1600mm
Weight	1275kg
Mixer	
Capacity	220L
Output	4m ³ /h
Power	5.5Kw, 1450rpm, 50Hz, 380V
Rated Rev	1450rpm
W/C	0.5~1
Cement/Sand	≥1
No.1 Agitator	



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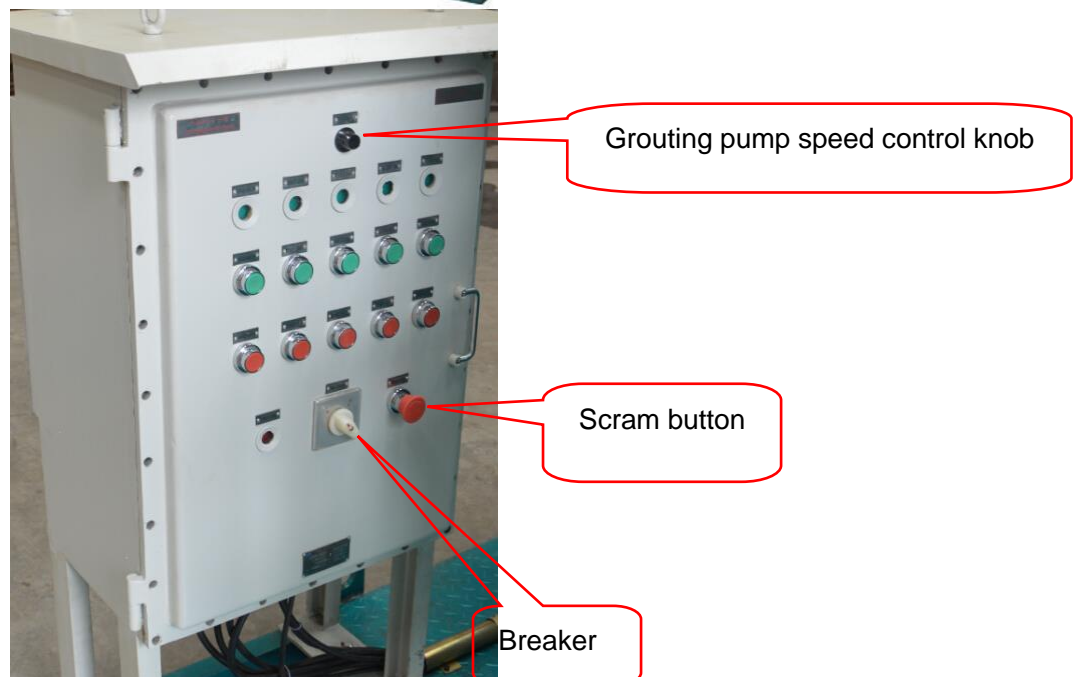
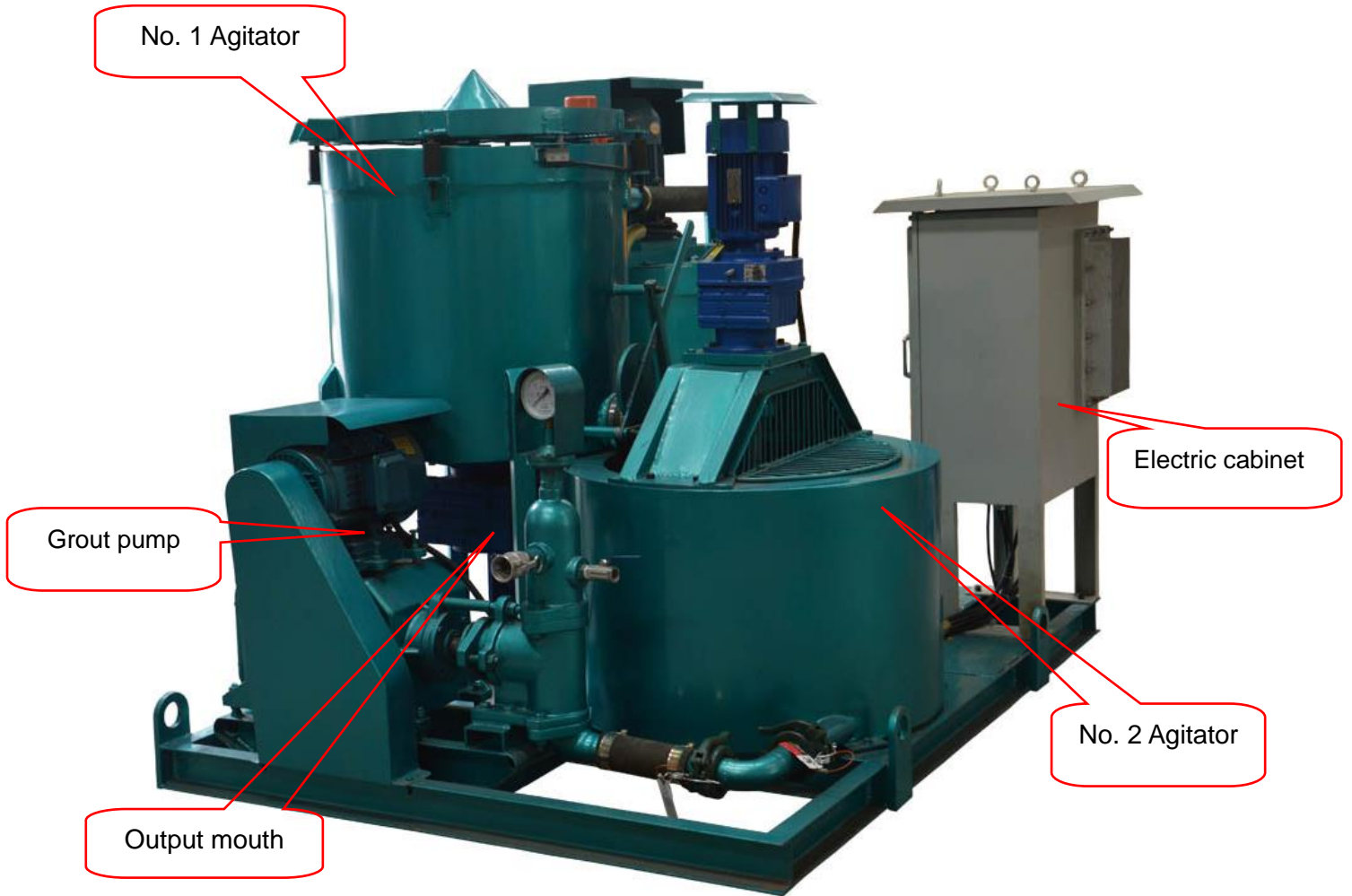
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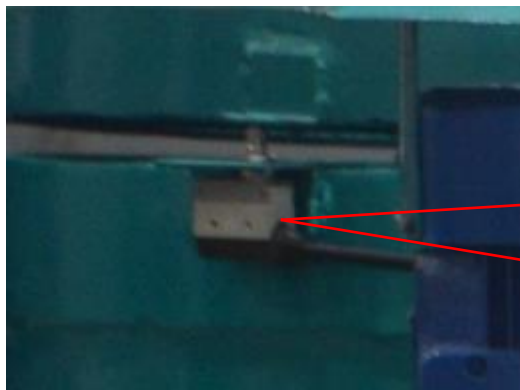
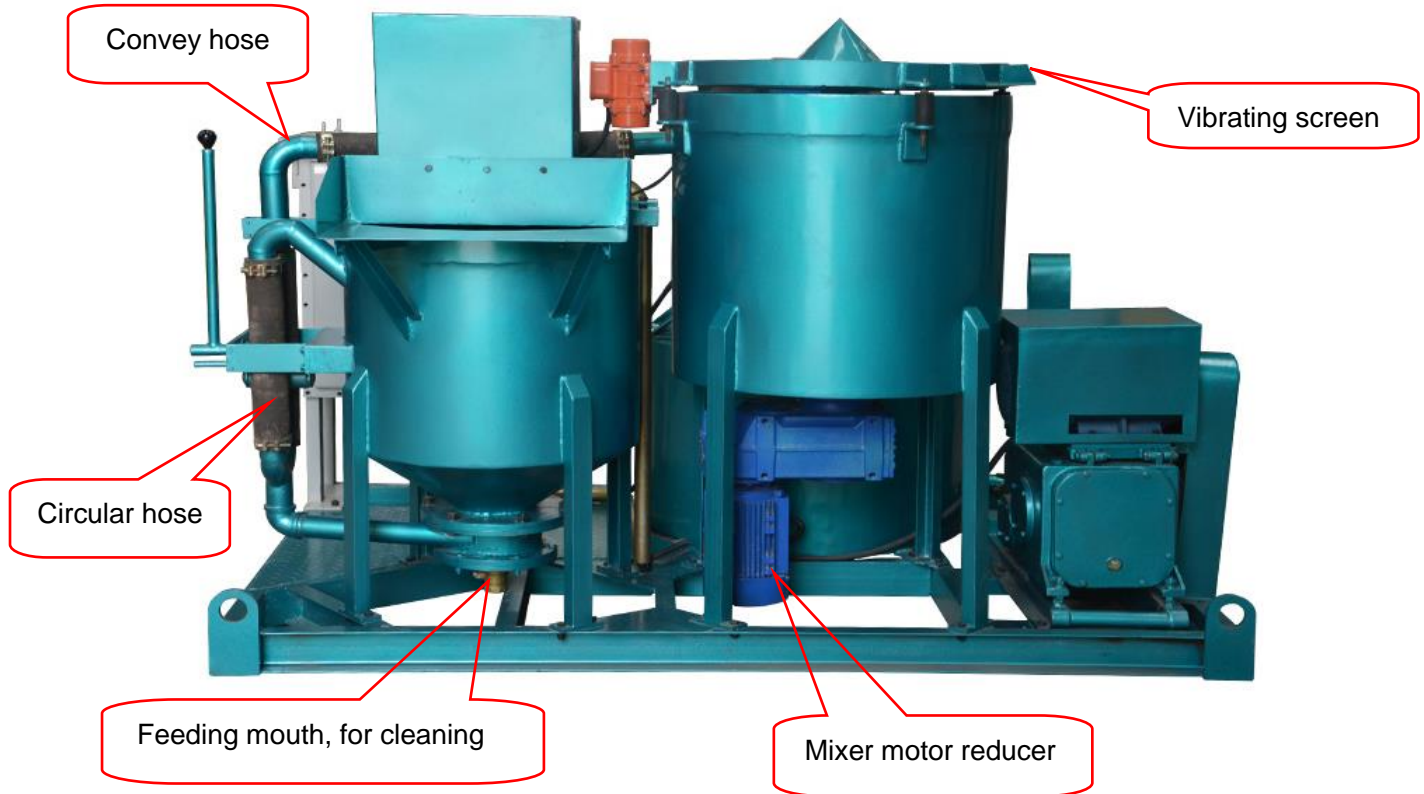
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Capacity	300L
Rated Rev.	49rpm
Power	3KW, 50Hz, 380V
No.2 Agitator	
Capacity	300L
Rated Rev.	36rpm
Power	3KW, 50Hz, 380V
Pump	
Max. output	50L/min
Max. pressure	1.5MPa
Power	4kw, 50Hz, 380V

Pictures:





Travel switch, installed under the vibration, when remove the vibrating screen, equipment stop work; When maintenance and repair, it can prevent wrong operation.



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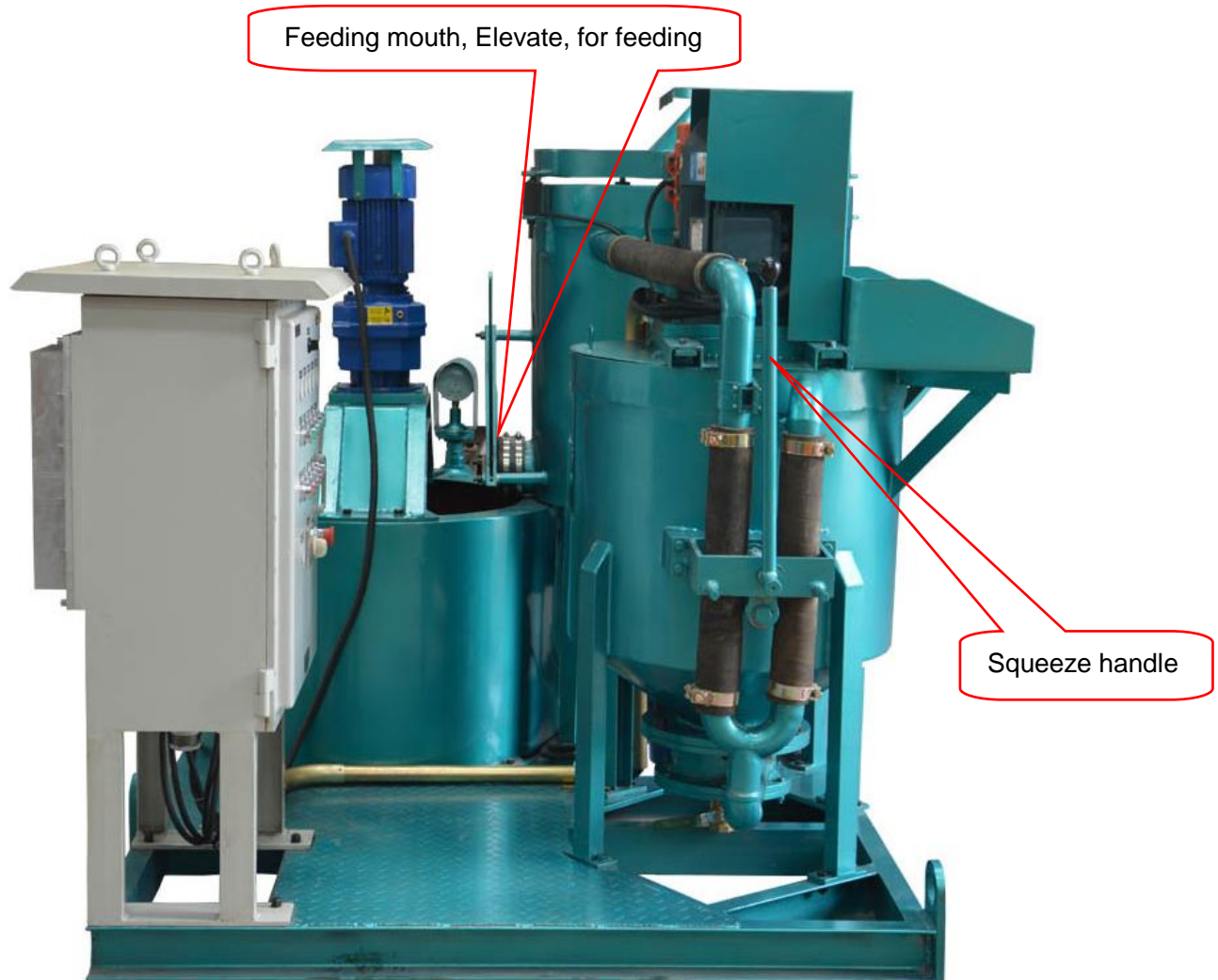
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