

## GGP400/700/80DPL-D Diesel engine grout inject station



**◆ Product Description:**

**GGP400/700/80DPL-D** Diesel engine grout inject station 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.

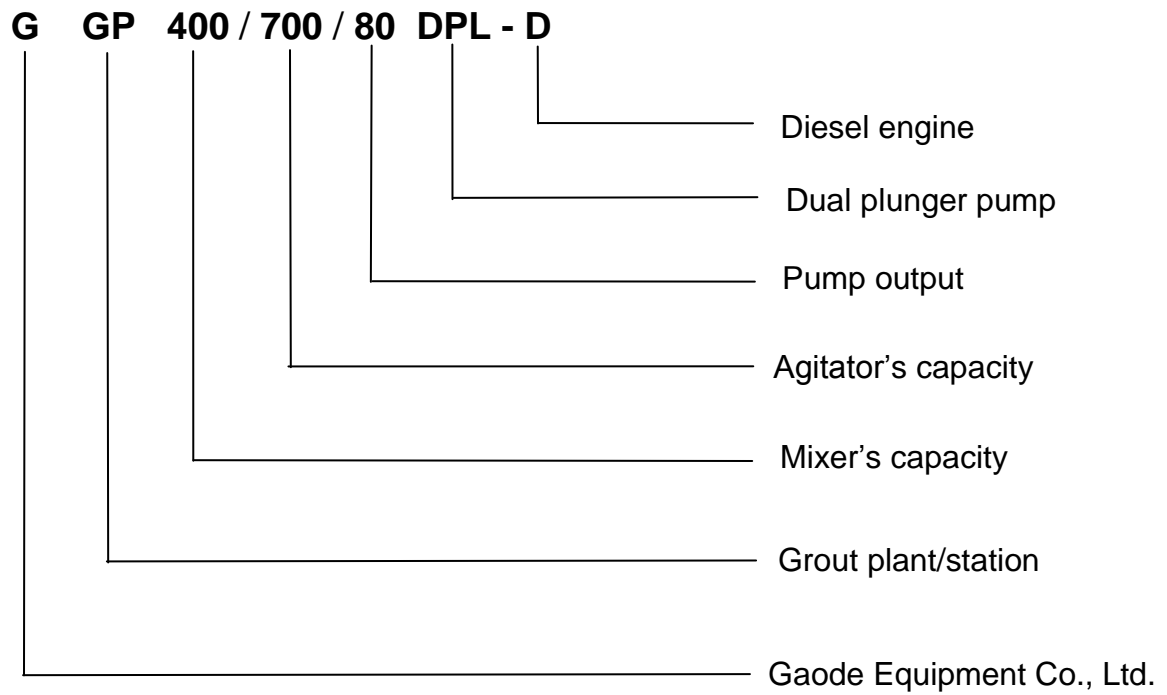
High speed vortex mixer ensures mix quickly and evenly. Water, cement or bentonite is quickly mixed into homogeneous slurry. Then the mixed slurry was delivered to the agitator. Grout pump injects from the mixing drum (storage tank). This ensures a continuous mixing and grouting operations. What's more, the double-plunger pump together with the pressure-holding system is used, so that the pump automatically stops and maintains the very little pressure impulse (1-4bar with 50bar grouting pressure) to ensure that the grouting hole is completely filled. The grouting plant is hydraulic drive. Grouting pressure and displacement is adjustable. Compact size and it is easy to operate. It also takes up a small space.

**◆ Product feature of diesel engine grout inject station**

1. High-speed colloidal grout mixer
2. Double plunger pump
3. Vertical type pump with compact size
4. Hydraulic drive (safely releasing pressure when pumping block)
5. Hydraulic system with high temperature warning and protection system
6. Pressure holding system
7. Low flow pressure surge system
8. Air cooler and water cooler (suitable for working in tropical and sub-hot areas)
9. Up to 5mm particle size

## GGP400/700/80DPL-D Grout/Inject Station

### ◆ Model Definition



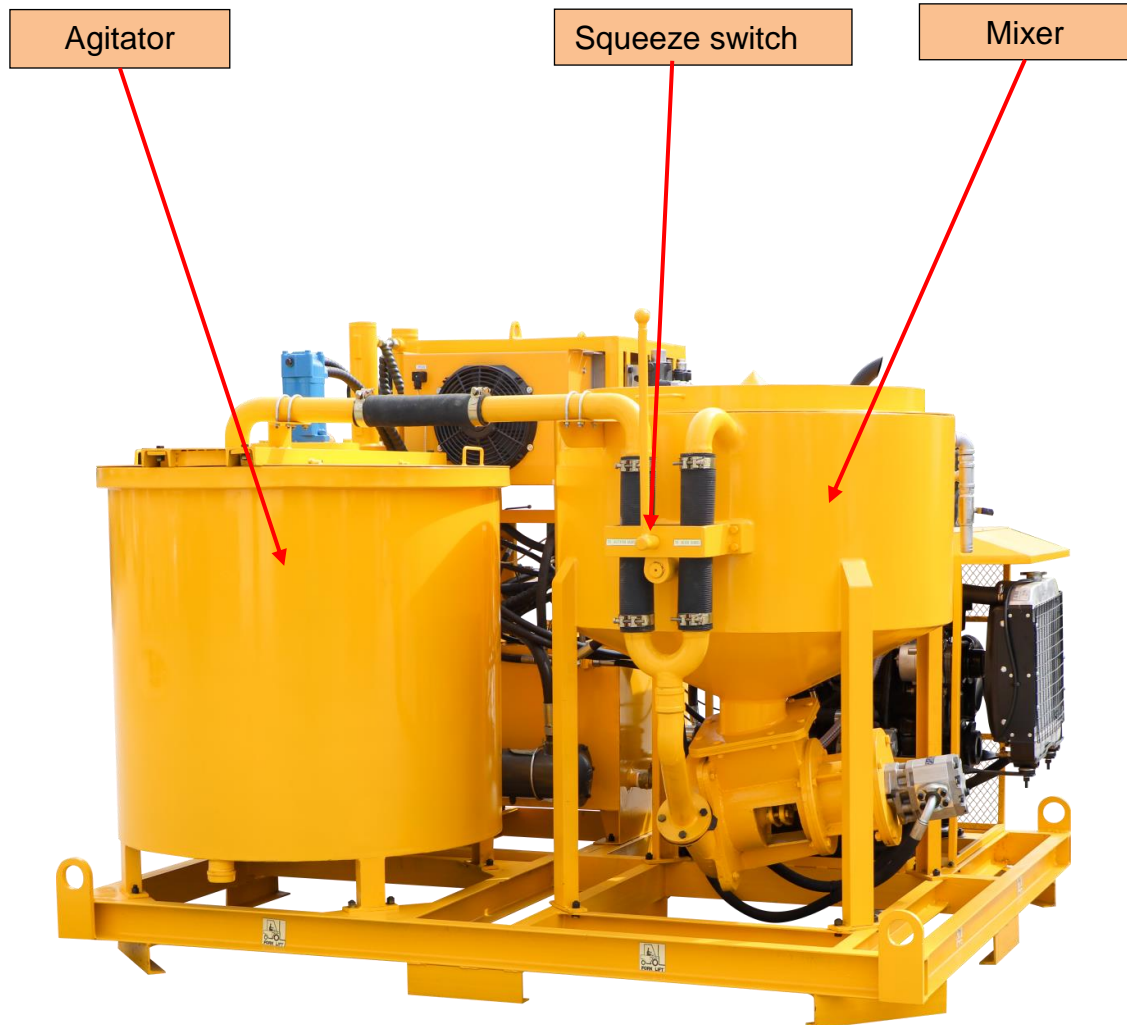
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### ◆ Product Specification

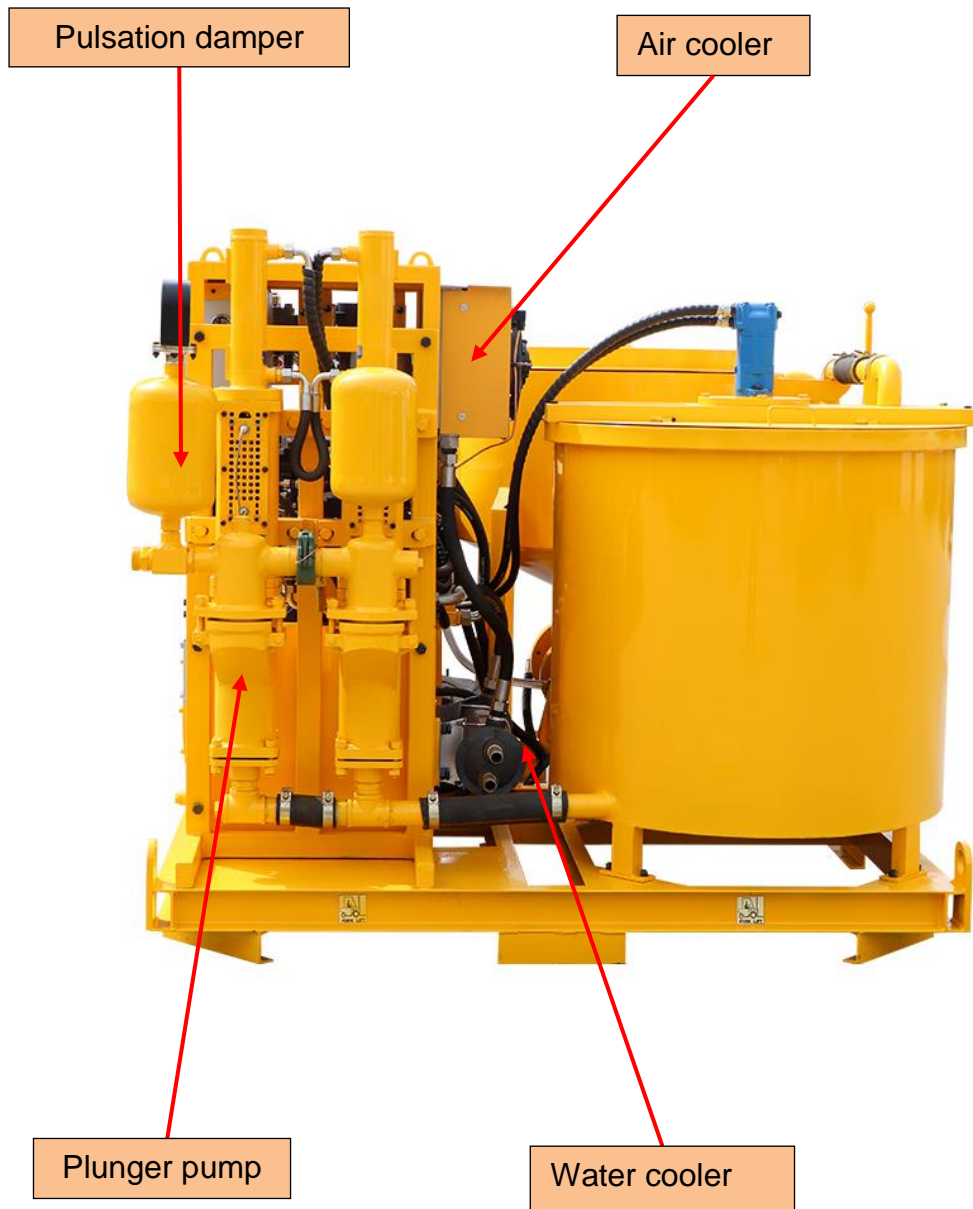
| Description  | Data               |
|--|--------------------|
| Grout Station model                                | GGP400/700/80DPL-D |
| Dimensions   | 2400*2150*1700mm   |
| Weight   | 1820kg             |
| <b>Diesel Engine</b>                               |                    |
| Power  | 27KW@1800rpm       |
| <b>Mixer</b>                                       |                    |
| Capacity   | 400L               |
| Recycling discharge                                | 1100L/min          |
| Suitable water/cement ratio                        | ≥0.5:1             |
| <b>Agitator</b>                                    |                    |
| Capacity   | 700L               |
| Rated Rev  | 36rpm              |
| <b>Pump(vertical compact hydraulic grout pump)</b> |                    |
| Output/pressure                                    | 80L/min@5Mpa       |
| Diameter   | 85mm               |
| Stroke   | 220mm              |
| Cycles   | 38 times/min       |
| We could also customize according to your demands. |                    |

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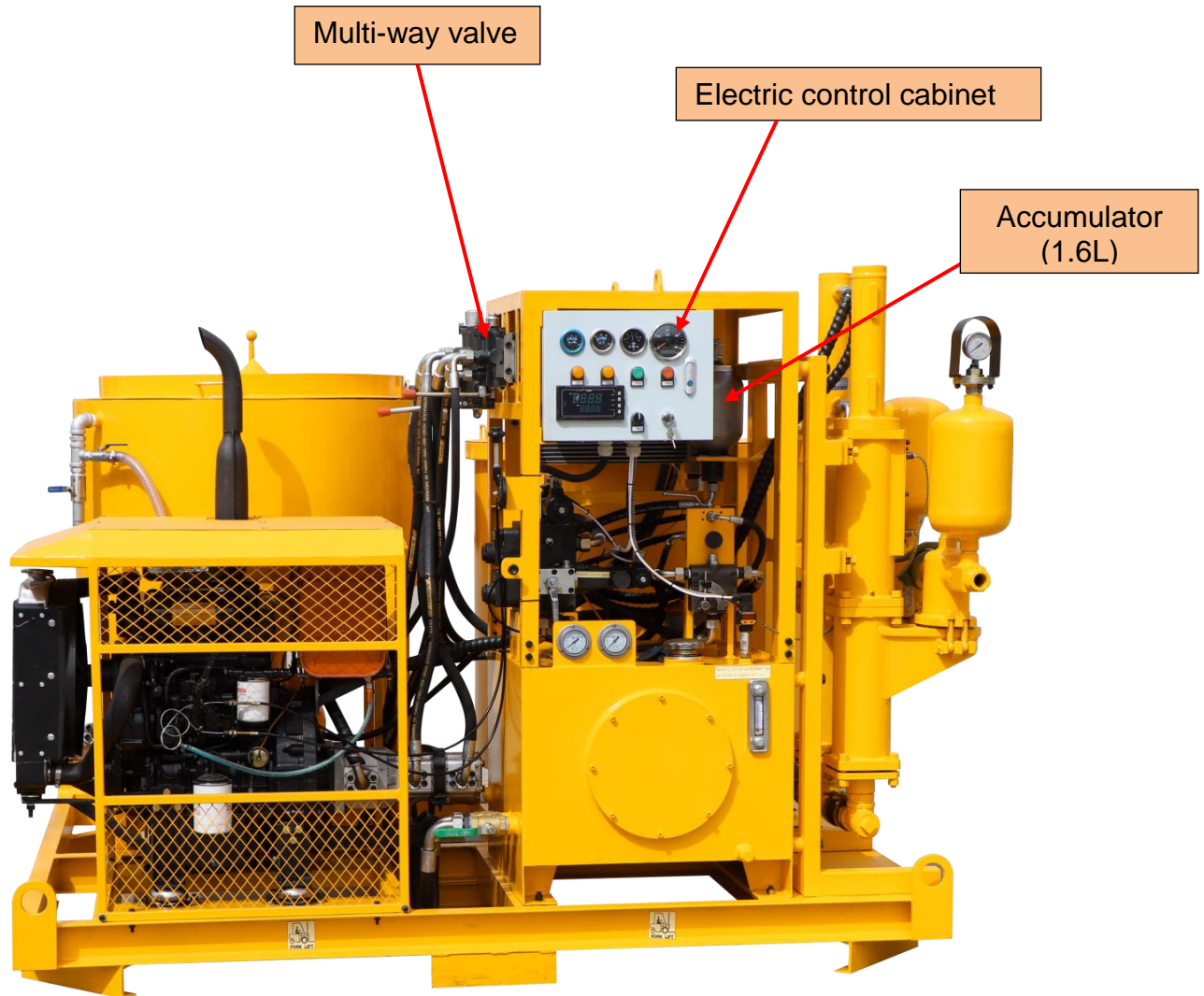
### ◆ Detail Part



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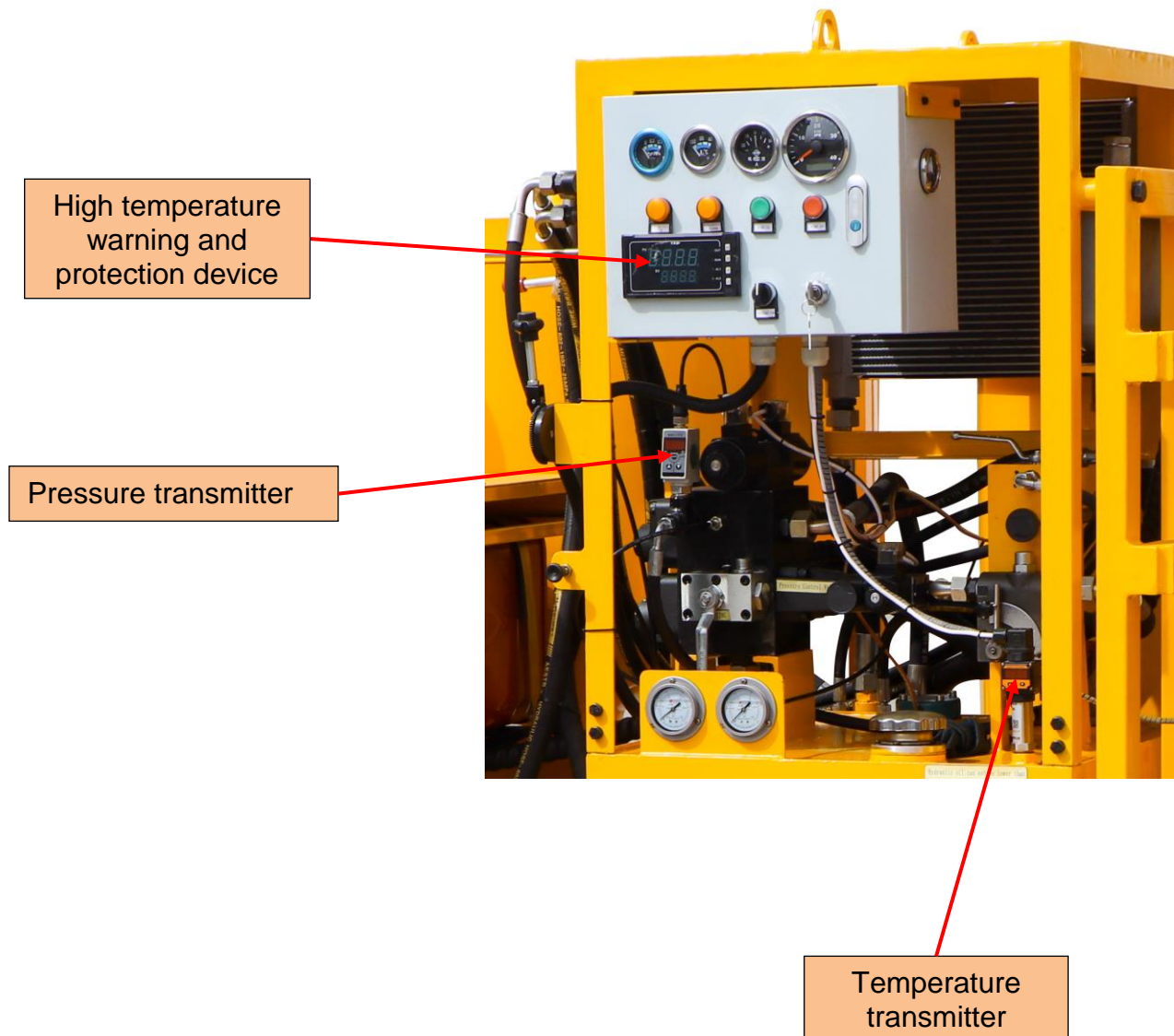


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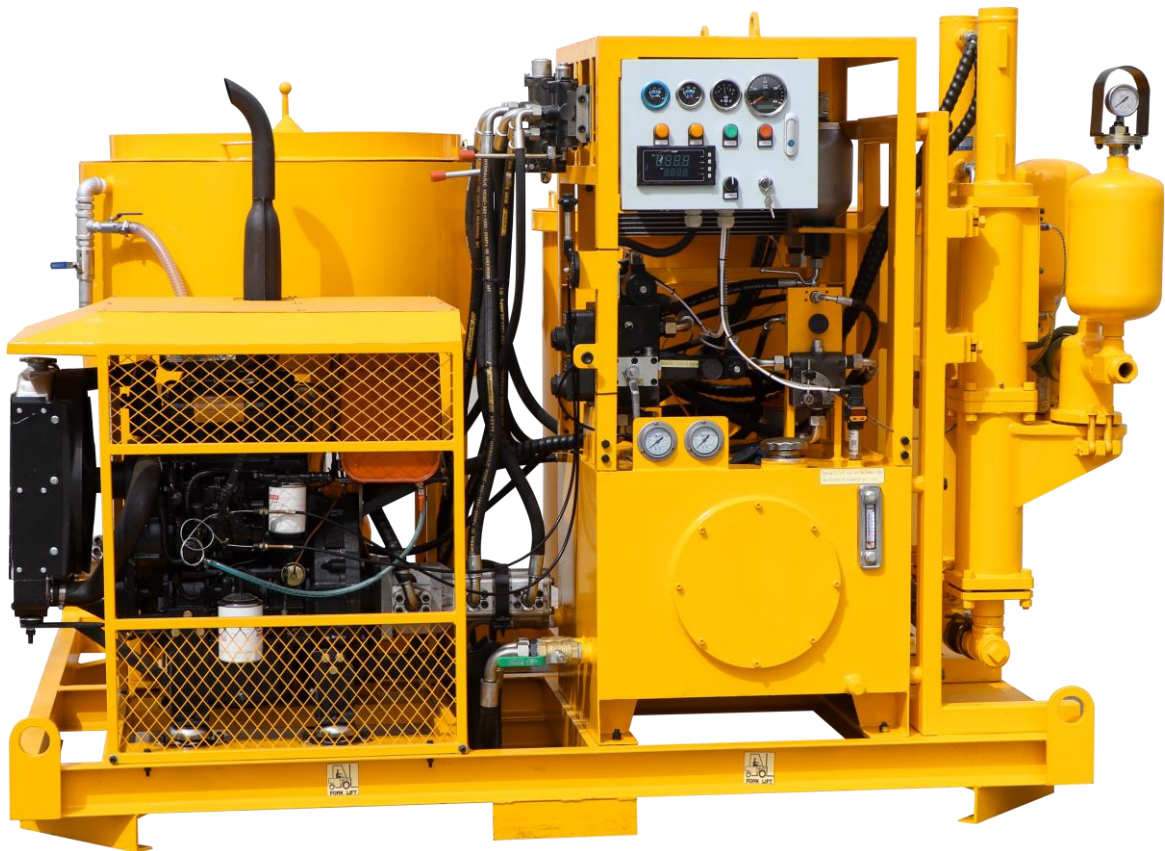
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## GGP400/700/80DPL-D Grout/Inject Station

### ◆ Other Pictures



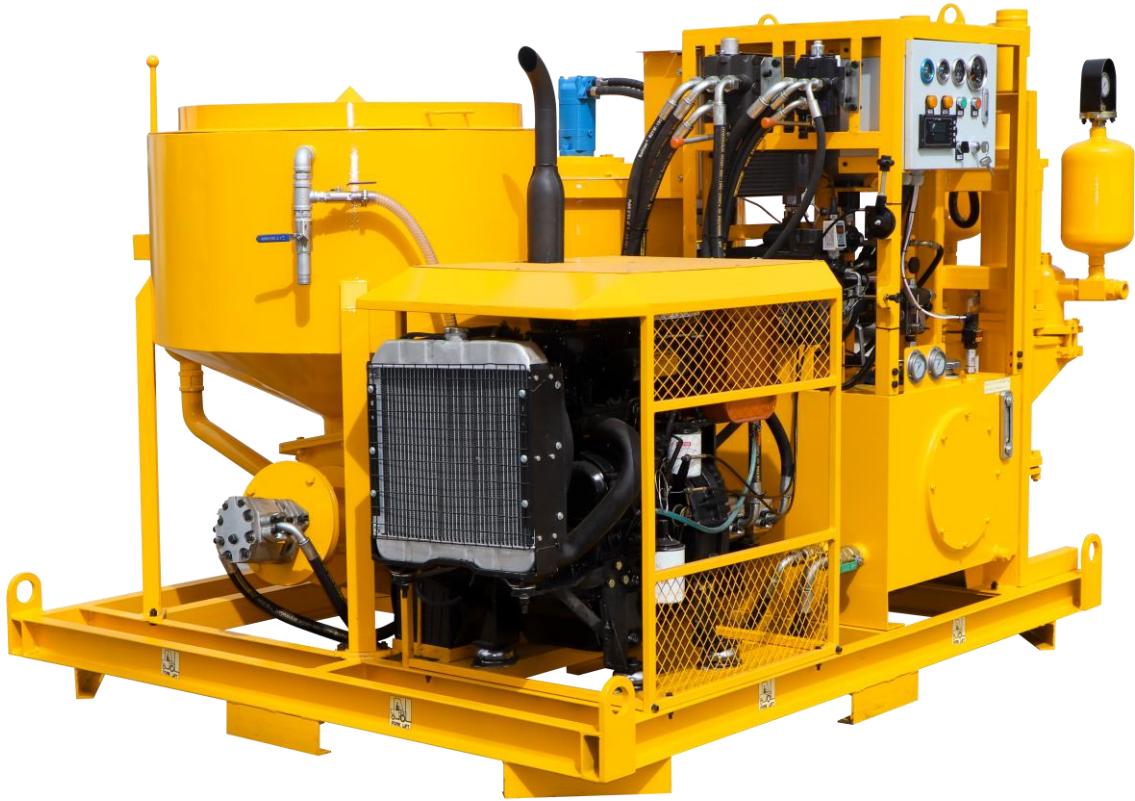
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*GGP400/700/80DPL-D Grout/Inject Station*

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*GGP400/700/80DPL-D Grout/Inject Station*

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