

## LGM50/80PLD-E Double-Plunger Hydraulic Grout Pump



**Description:**

LGM50/80PLD-E Double-Plunger hydraulic Grout Pump is designed with two low-wear plungers pump. With the features of double acting, ball valves, low pressure surge, variable pressure and flow. Therefore, this pump is suitable for all grouting work, up to 8mm particle size, such as, for the pumping of backfill mortar behind tunnel liners, grouting in soil, earth foundation stabilization, waterproofing, tunnel lining, underwater foundations, bridge decks, deep well casing, slope line grouting, etc.

**Feature:**

- The Plunger Pump System  
Comparing with the piston pump system, the plunger system does not require any close tolerance parts such as cylinders or precise piston seals, etc. The plunger is sealed by a simple maintenance-free seal;
- Double Plungers and acting;
- Vertical type pump with compact size;
- Hydraulic drive  
Safely releasing pressure when pumping block;
- Ball valve;
- up to 8mm particle size;
- Low wear plunger system;
- Low flow pressure surge system.

**Specification :**

Item	LGM50/80PLD-E
Rated Output	0-80 L/Min
Rated Pressure	0-50 Bar
W/C ratio	≥0.5:1
Plunger Dia.	85mm
Stroke	190mm
Inlet Dia.	2"
Outlet Dia.	BSP1.5"
Power Unit	11kW
Transmission	Hydraulic drive
Max. particle size	8mm
Chassis	Skid
Note: double cylinders double plunger vertical type pump Pressure and flow could be adjustable step-less	

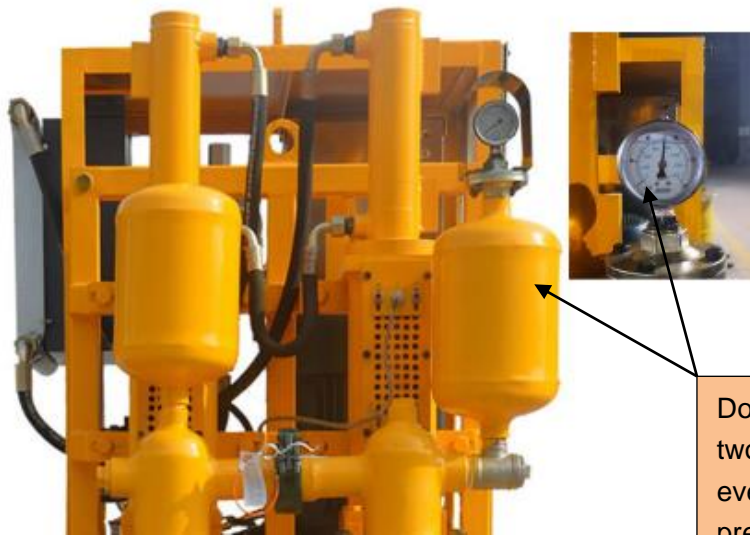
Variable Flow Valve (Yuken)



Variable Pressure Valve

Hydraulic Oil Temperature Sensor

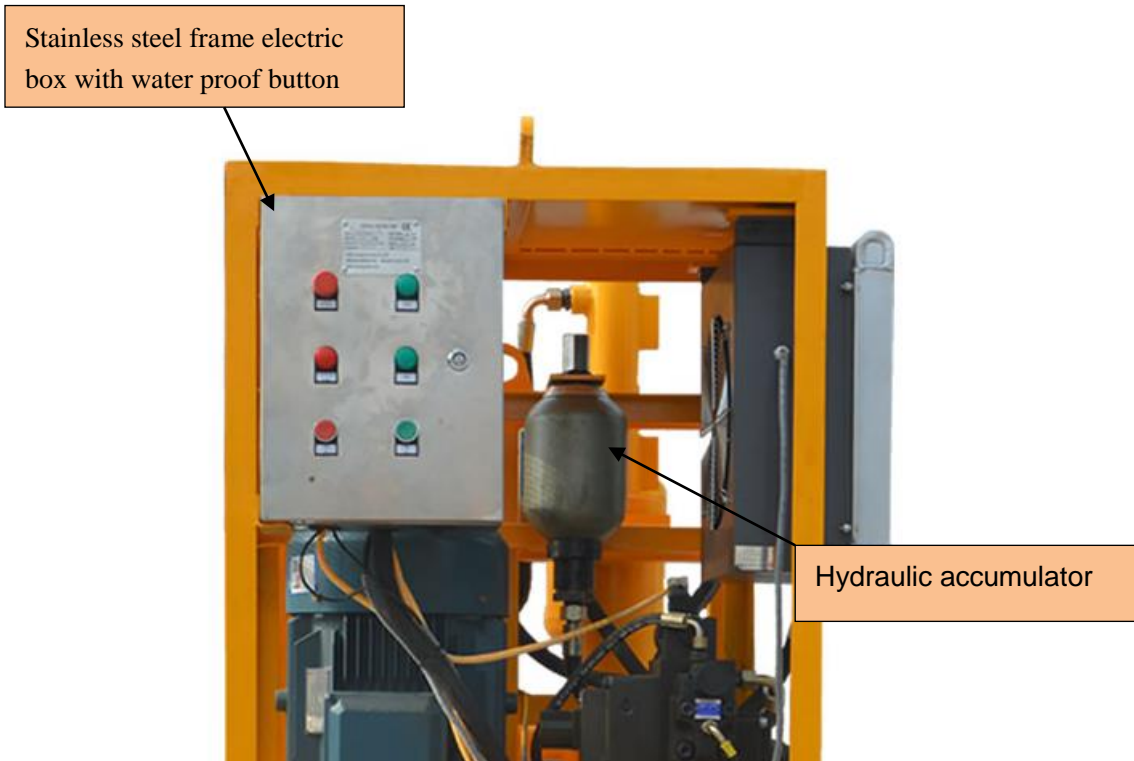
Hydraulic Oil Level Sensor



Double-Plunger plus two pulsation damper, even in 5MPa, the flow pressure surge is kept in low

Hydraulic oil air cooler







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