



# LEC

## **Compact Grout Plant LGP550/800/150/70DPL-E**



The compact grout plants consist of a mixer, agitator, and grout pump. This setup is suitable for a wide range of applications such as anchoring, sleeve pipe and backfill grouting. For higher outputs and increased quality control, the plants are also available in semi-automated and fully automated versions.

# Compact Grout Plant

LGP550/800/150/70DPL-E

## Product features

- Extremely compact mixing and injection system with central lifting point for easy transport and minimum installation time.
- High productivity due to ergonomically positioned operating elements.
- High reliability and low-maintenance operation with good accessibility to the wear parts.
- Automatically to lubricate the seals of grout pump plungers and mixer centrifugal pump.

## Typical applications

- Grouting of anchors, soil nails, tension cable as well as for sleeve pipe, rock and contact injections.
- Preparation and pumping of bentonite suspensions or pipe jacking and microtunneling.



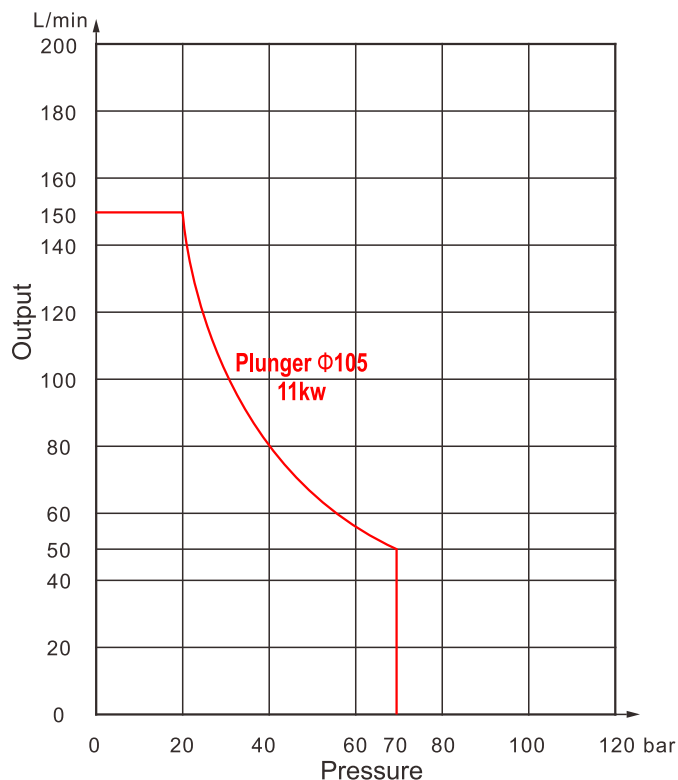
## Control

PLC with stroke counter  
Lockable main switch, emergency stop  
Mixer ON-OFF  
Grout Pump ON-OFF

## Optional

Auxiliary mixing unit  
Automatic water meter  
Remote control with 50m cable, ON-OFF

## Pump performance



Grout Pump	
Output capacity	9m <sup>3</sup> /h
Pressure and output	70bar, 50L/min 20bar, 150L/min
Max. Aggregate size	8mm
Motor power	11Kw
Voltage	380V, 50HZ, 3phase
Hydraulic tank	140L
Pump module	Double
Cooling water flow rate	5~6L/min
Cooling water connection	BSP1/2"
Pressure connection	BSP2"
Suction connection	BSP2 1/2"

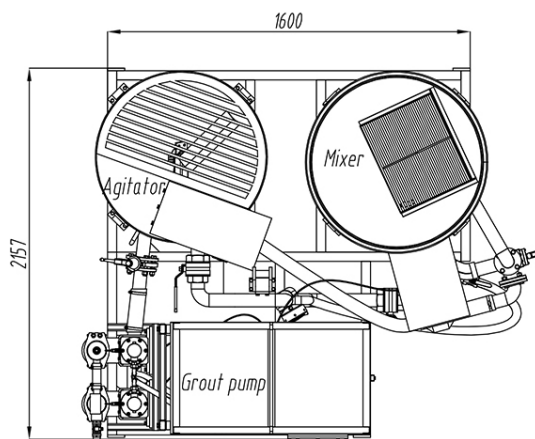
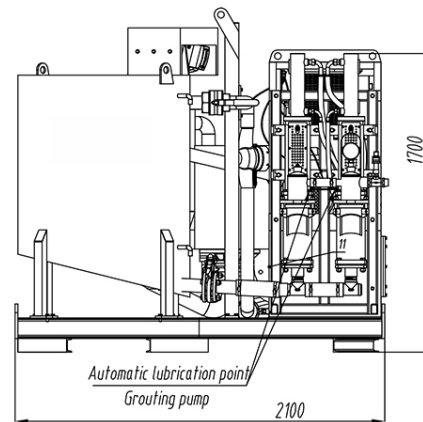
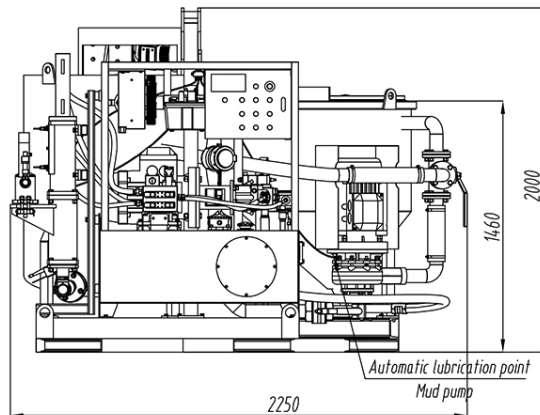
Mixer	
Capacity	600L
Circulation Capacity	1400L/min
Motor Power	11Kw
W/C	>0.5
Water Connection	BSP1"

Agitator	
Capacity	800L
Power	2.2Kw

LGP550/800/150/70DPL-E Grout Plant	
Weight	1650Kg
Dimension	2100x2100x2250mm



## Construction and dimension



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