

# LGP400/1000/90DPL-E Automatic bentonite mixing plant and pump



## ◆ Product Description

The LGP400/1000/90DPL-E Automatic bentonite mixing plant and pump adopts an integrated design, with the mixer, agitator and grouting booster pump all mounted on a single base frame. Featuring a compact structure, the equipment is easy to transport. It is mainly used for mixing bentonite mixtures and is widely applied to above-ground and underground engineering projects such as highways, railways, hydropower stations, construction and mining.

The high-speed vortex mixing technology enables rapid and uniform mixing, allowing water and bentonite to blend quickly and form a homogeneous slurry.

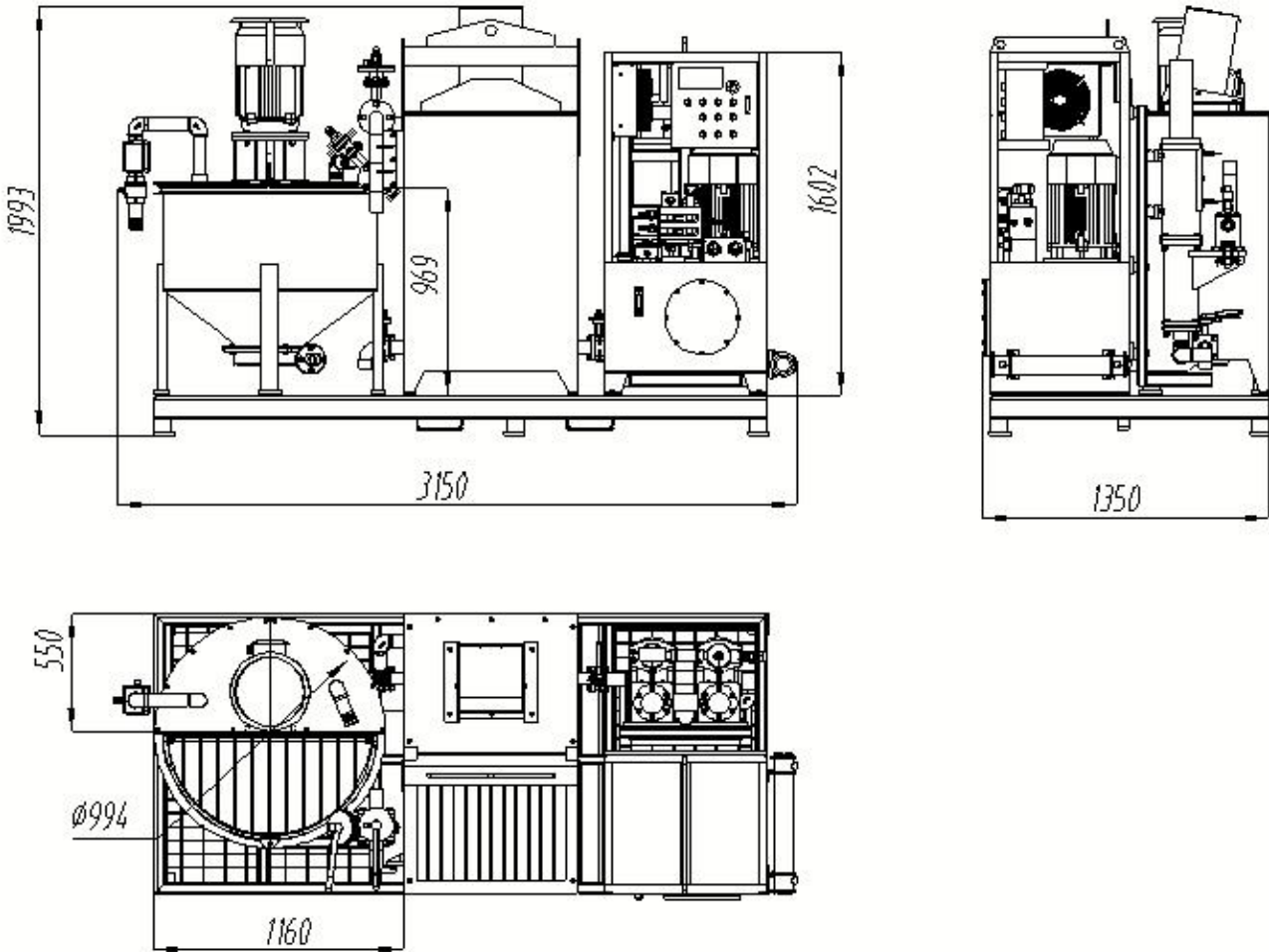
## ◆ Product Feature

1. Compact and reliable structure.
2. Easy to operate and convenient to maintain.
3. Fewer spare parts are required, effectively reducing maintenance costs.
4. The high-speed vortex mixer delivers fast and uniform mixing.
5. Wide range of application.
6. Specially designed for bentonite mixing.

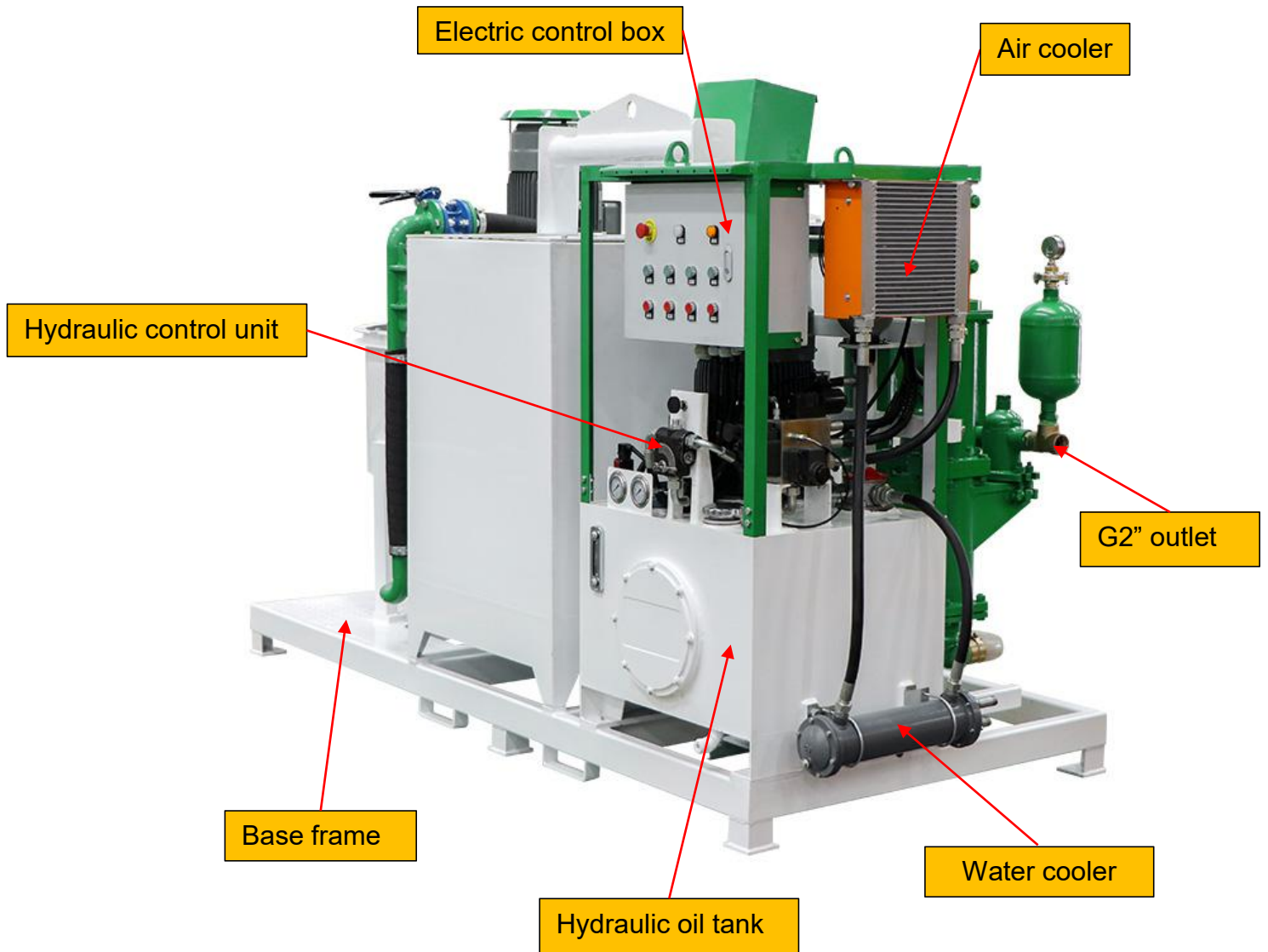
◆ **Product Specification**

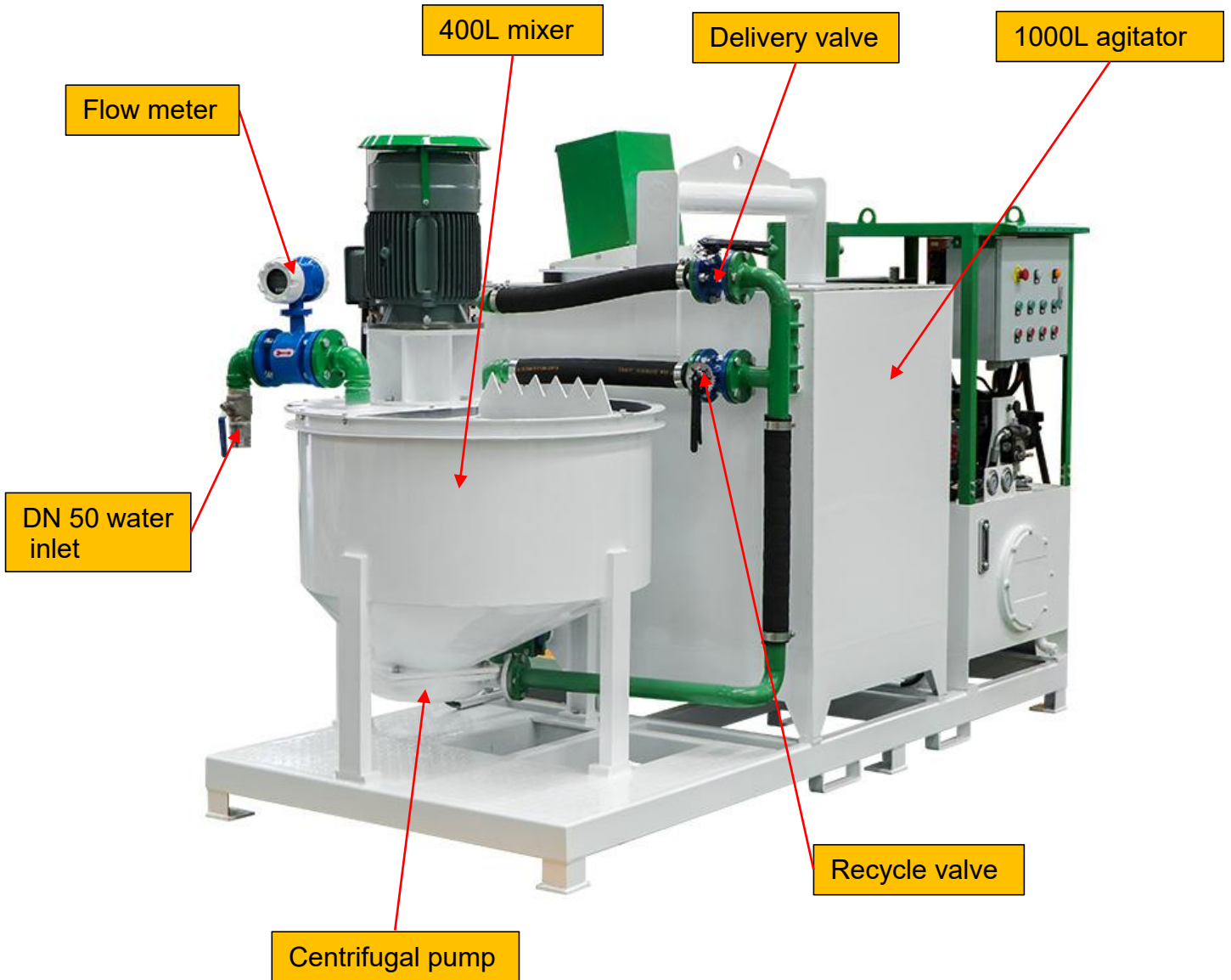
Name		Data
Model		LGP400/1000/90DPL-E
Mixer	Capacity	400L
	Power	11Kw
	Rate Rev.	1450rpm
	Production capacity	6m <sup>3</sup> /h
Agitator	Capacity	1000L
	Power	2.2Kw
	Rate Rev.	39 rpm
Grout pump	Power	15KW
	Flow	90L/min
	Pressure	100Bar
	Plunger diameter	85mm
	Max. Particle Dia.	2mm
	Outlet connection	G2"
Power requirements		Voltage 3 Phase 380V, 50Hz
Dimension		3150×1350×2000mm
Weight		1755Kg
We can also customize products according to your needs.		

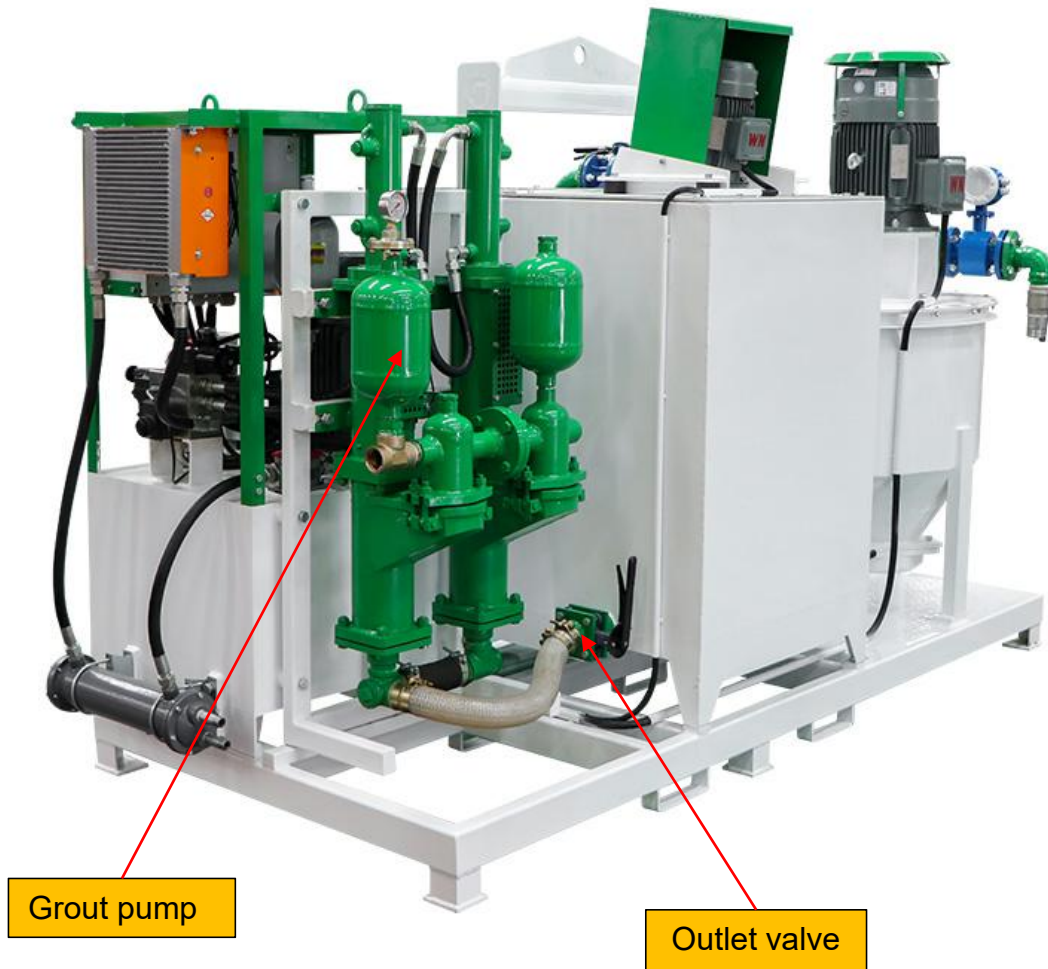
◆ Dimension

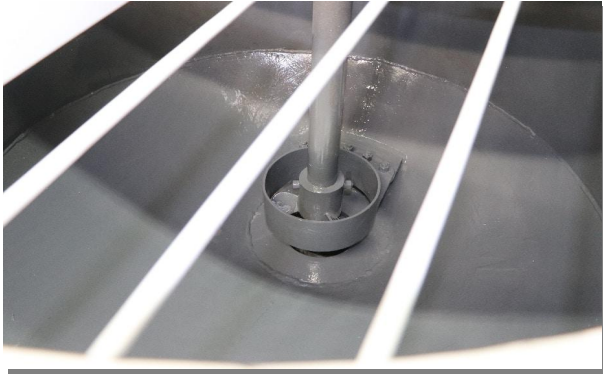


◆ Detail Part

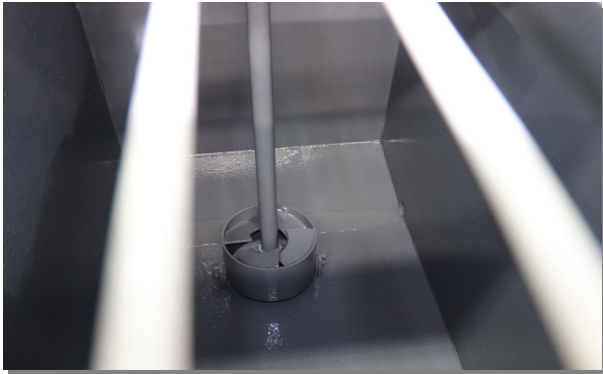




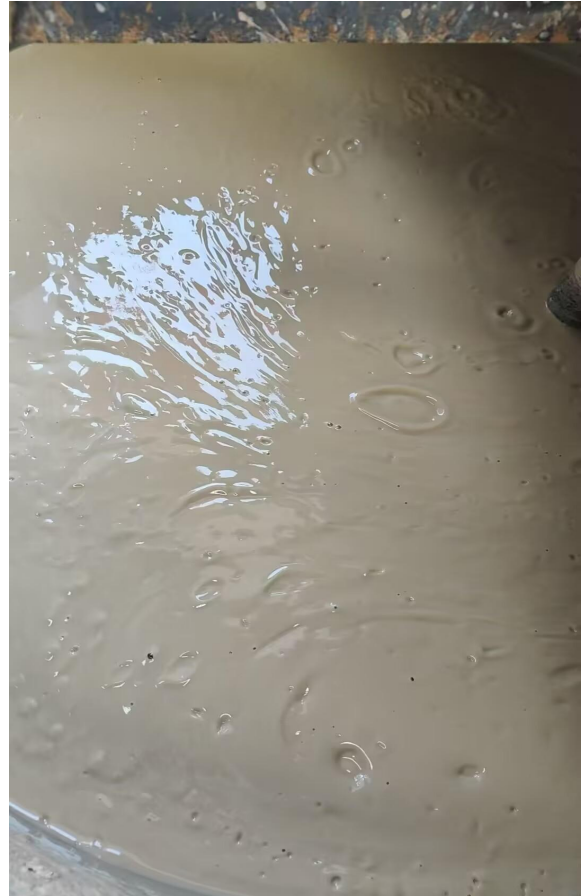




A. Internal structure of mixer



B. Internal structure of agitator



C. Fully mixed bentonite

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