

LGP200/300/100PI-D Grout mixing plant for sale

Description

The LGP200/300/100PI-D grout station is combination of mixer, agitator and hydraulic plunger grout pump in one plant. Mainly suitable for mixing and pumping water, cement, sand, bentonite, filler, clay powder, silicates and other additives.

Application

1. Civil Engineering - dam foundations, tunnels, mining, soil nails, tiebacks, earth anchors, cable and rock bolts.
2. Structural – building and bridge restoration, foundation stabilization, foundation raising, soil compaction grouting; soil & rock grouting.
3. Construction - pavement under sealing, slab jacking and slab raising.
4. Marine - underwater foundations, piers, breakers, shoreline foundations.
5. Mining - tunnel lining, contact grouting, shaft waterproofing.
6. Utilities - encasements, waterproofing, slope line grouting.
7. Geotechnical - deep well casing, monitor wells, well sealing and abandonment.

Feature

1. Deutz diesel engine.

2. It is combination of mixer, agitator and hydraulic grout pump in one base frame.
3. Yuken reversing valve for hydraulic system of grout pump.
4. Butterfly valve of mixer and agitator.
5. Linked switch between mixer and agitator.
6. Oil temperature gauge can automatically control cooler fan working in normal temperature range, if temperature is too high, the machine will stop work automatically.

Technical data

Description	Data
Grout mixing plant type	LGP200/300/100PI-D
Mixer Volume	200L
Mixer production(w/c ratio=1)	4m ³ /h
Circulation capacity	1100l/min
Suitable W/C Ratio	0.5 to 1
Mixer hydraulic motor	1450rpm
Agitator Volume	300L
Agitator hydraulic motor speed	36rpm
Water tank	60L
Grout Pump Type	LGH90
Grout pump output(Max.)	100L/min

Grout pump work pressure	10MPa
Deutz F3L912 diesel	34kw, 2200rpm
Grout Station Overall dimension	4130x1850x2500mm
Grout Station Weight	2795kg



