

HEMCO GROUT PLANT

Hemco grout plant consists of high shear colloidal turbo mixer, agitator and grout pump installed on a common frame for easy handling at jobsites. Typical usage of Hemco grout plant is for grouting of soils, ground anchors, earth foundation stabilization, waterproofing, tunnel lining, underwater foundations, bridge decks, deep well casings, slope line grouting etc.

SALIENT FEATURES:

- Suitable for all grouting applications with cement and ultra fine cement
- Bentonite suspensions for micro tunnelling, pipe jacking and directional drilling
- Ergonomic, space saving and easy handling at jobsites
- Detachability of components for independent use

HEMCO GROUT PLANT CONSISTS OF BELOW MAIN ASSEMBLIES:

- HEMCO Turbo mixer HEM300E
- HEMCO Agitator HAG350
- HEMCO Grout Pump HGP4LV



TURBO MIXER HEM300E



HEMCO Turbo Mixer HEM300E is used for cement, ultrafine cement, bentonite and other admixtures. Shear colloidal mixing technology makes it most suitable for powder mixing with water. The mixer is sold both as standalone unit as well as part of complete grout plant.

SALIENT FEATURES:

- Excellent homogeneous mixing
- Low wear components
- Convenient portability at jobsites
- 3 way valve for easy flow diversion

Usable Content	260L
Production Ratio (W/C ratio =1)	5m ³ /hr
Circulation Capacity	1400L/min
Electric motor	11kW
Weight	400kg

AGITATOR HAG350

HEMCO agitator is used as a holding tank between the turbo mixer and grout pump. Slowly revolving agitator keeps the grout suspensions homogenized and removes possible air bubbles.

Type	HAG350
Usable Content	350L
Electric motor with gearbox	3 kW
Weight	350 Kg
Inlet/Outlet Connection	38 mm

GROUT PUMP HGP4LV

Hemco grout pump is a plunger pump. The plunger system makes it perfect for longer wear life, durability and minimal maintenance. By changing plunger diameters, different pressures and flows can be obtained from the pump as per user's requirements.

SALIENT FEATURES:

- High and low pressure grouting (44 bar to 88 bar)
- Low wear plunger system
- Different plunger sizes for one pump type
- Output up to 4.9m³/hr
- Particle size up to 8 mm



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