

## Colloid grout plant -- HDG-150-75

The new colloid grout plant HDG-150-75 is a compact plant for mixing and preparation of bentonite, cement and complete material for geothermal energy, water well building and special underground construction.

Due to the very robust design, the system is ideally suited for use on construction sites (bagged goods / big-bag's / loose silo ware).

The modular design allows the retrofitting of various options later.



### Applications:

- canal construction
- geothermal energy
- water well construction
- tunneling
- special underground construction
- HDD (horizontal directional drilling)
- anchor construction

### Particularities:

- high mixing performance
- easy commissioning
- good accessibility
- robust construction
- variable speed injection
- cost-effective operation
- easy cleaning
- optional modular construction

### Technical specifications:

Mixing capacity (bei 20 Chargen/h)	3,0 m <sup>3</sup> /h
Effective mixer volume	70..150 Liter
Mixer filling level (bag loading)	1050 mm
Buffer tank volume max.	200 Liter
Filling height mixer (bag loading)	1050 mm
Filling height (with step grid option)	780 / 830 / 880 mm
Flow rate (speed control)	17..65 l/min
Discharge pressure	50 bar
Solid grain max.	2 mm
Water connection optional and / or	Storz-C (standard clutch) Geka (claw cuppling 1")
Electrical connection	CEE-three-phase-plug 32A, 5-pin (opt. 16A and hydraulic)
Electric voltage	400 V, 50 Hz
Input	12...14 kW (depending on equipment)
Dimensions	ca. 1680 x 820 x 1550 mm (lxbxh)
Dimensions (with step grid options)	ca. 1680 x 1020 x 1550 mm (lxbxh)
Weight	ca. 520...630 kg

