



Application areas:

- Geothermal application (peripheral filling for geothermal probes)
- Well construction (seal water sealing, backfilling)
- Micro tunnelling (delivery and injection of slurries, cavity filling)
- Special civil engineering (delivery and injection of slurries, cavity filling)
- Road works (delivery of drainage asphalt)

Mixing of:

- Filling materials for peripheral filling
- Cement slurries
- Bentonite slurries
- Mineral insulating slurries
- Fly ash slurries

Technical Data / Performance Data *

Mixing capacity (with 20 batches/h)	3,0	m3/h
Effective mixer volume	150	l
Mixing water minimum	50	l
Mixer filling level (bag loading)	1000	mm
Buffer tank volume	300	l
Flow rate	0 - 75	l/min continuously
Discharge pressure	max. 24	bar
Solids grain size	max. 2	mm
Pressure connection pump	VT 1", type 25	mortar coupling VT 1", alternatively 1" IG
Water connection	Storz C	1 1/2" standard coupling DIN14307, max.6 bar; or Geka-claw coupling
Cleaning connection	DN 25	Geka-claw coupling
Dynamic pressure drain pipe	max. 1,5	bar
required oil amount (on site)	60	l/min
required oil pressure (on site)	140	bar
Working dimensions	1,85 x 0,81 x 1,6	m (L x W x H)
Weight	approx.405	kg

)* The specified performance data are non-binding values that differ significantly depending on dosing, mixing and discharge times.

Features:

- ✓ **Batch mixer** 150 l capacity (colloidal mixer) with hydraulic drive and separate agitator bearings; fast running colloidal mixer; debugging grid; adjustable filling bar for rough water level indication; 3-way valve in the mixer-forced circulation and emptying pipe; removable emptying pipe for easy mixing tank draining
- ✓ **Buffer tank** 300 l capacity;
Steel sheet tank with inclined tank bottom; divided container lid, with removable protection grid
- ✓ **Eccentric screw pump** with hydraulic drive, funnel housing with drain screw (complete emptying); visual pressure indicator mountable at the pump outlet
- ✓ **Water dosage** by manually operated ball valve
- ✓ **Separate connection** for cleaning hose including stopcock
- ✓ **Steel frame** with suitable seats for forklift and pallet truck handling; central lifting eye on mixer tank
- ✓ **Hydraulic control** for manual operation of the grout plant
- ✓ **Standard accessories:**
 - Adapter Storz-C standard coupling / Geka-claw coupling (water dosage)
 - Document roll (storage of operation manuals)
 - Cleaning brush
 - Mortar coupling MT 1" IG (suitable connection coupling for pump exit)

Accessories (not included in delivery):

- Data logging
- Grouting hoses
- Cleaning hose
- Resettable water meter
- Water dosage buffer tank