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Application areas:

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

Mixing of:

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

Technical Data / Performance Data *

Mixing capacity (20 batches/h)	3,0	m ³ /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	17-50	l/min stepless adjustable
Discharge pressure max.	max. 40	bar
Solids grain size	max. 2	mm
Pressure connection	VT 1"; type 25	mortar coupling VT 1", alternatively 1"IG
Water connection	Storz C	2" standard coupling DIN14307, max.6 bar; or Geka-claw coupling
Cleaning connection	DN 25	Geka-claw coupling
Power connection	CEE-plug	32 A, 5-pole with phase inverter
Power input	11,5	KW
Voltage	400	V; 50 Hz
Transport dimensions	1,70 x 0,84 x 2,14	m (L x W x H)
Working dimensions	2,45 x 0,84 x 2,14	m (L x W x H)
Weight	appr. 730	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); fast running colloidal mixer; debugging grid with safety end-switch; 3-way valve in the mixer-forced circulation and emptying pipe; removable emptying pipe for easy mixing tank draining
- ✓ **Water tank** 150l optical filling level indicator: adjustable indicator with scale, water dosage
- ✓ **Agitator tank** 300 l capacity; Steel sheet tank with inclined tank bottom; shared container lid, with removable protective grid with safety end-switch
- ✓ **Eccentric screw pump pump** with frequency converter for stepless adjustment of the flow rate; stator/rotor swivelling for transport, pump sealing with separate grease chamber; conveyor screw hinge-connected
- ✓ **Water dosage** by manually operated ball valve
- ✓ **Separate connection** for cleaning hose including stopcock
- ✓ **Galvanized steel frame** with suitable seats for forklift and pallet truck handling; central lifting eye on mixer tank
- ✓ **Electrical function and power control** (contractor control) with operating hours counter pump, pump actuation by radio control possible
- ✓ **Document roll**
- ✓ **Mounting tool for rotors**
- ✓ **Cleaning brush**
- ✓ **Service socket on the control cabinet 15A / 230V**

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Technical specifications are
subject to change

Page 2 / 2