



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
- Anchor grout

Technical Data / Performance Data *

Mixing capacity (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	200	l
Flow rate speed 1	approx. 32	l/min
Flow rate speed 2	approx. 65	l/min
Discharge pressure max.	max. 50	bar
Discharge pressure permanently	max. 2	mm
Pressure connection	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
Power connection	CEE-plug	32 A, 5-pole with phase inverter
Power input	12,3	KW
Voltage	400	V; 50 Hz
Transport dimensions	1,62 x 0,82 x 1,44	m (L x W x H)
Working dimensions	2,21 x 0,82 x 1,44	m (L x W x H)
Weight	approx.445	kg

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

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Technical specifications
are subject to change

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Features:

- ✓ **Batch mixer** 150 l capacity (Colloidal mixer); fast running colloidal mixer; debugging grid with safety end-switch; 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** 200 l capacity; Steel sheet tank with inclined tank bottom; shared container lid, with removable protective grid with safety end-switch
- ✓ **Eccentric screw pump** with pole-changing drive, easy pump cleaning by swivelling the stator / rotor (for transportation); separate pump sealing; conveyor screw hinge- connected; pump outlet with visual pressure indicator
- ✓ **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** by push buttons; input with phase inverter;
- ✓ **Standard accessories:**
 - Adapter Storz-C standard coupling / Geka-claw coupling (water dosage)
 - Boring tool for rotors
 - Tool compartment
 - Document roll (storage of operation manuals)
 - Cleaning brush
 - Mortar coupling MT 1" IG (suitable connection coupling for pump exit)

alternative stator / rotor – delivery program:

Description:	max. flow rate speed n1 / speed n2 (l/min)	max. discharge pressure (bar)
XP-120	10 / 20	40
XP-140	15 / 30	60
XP-210	25 / 50	50
XP-211	25 / 50	35
XP-350 *	32 / 65 *	50 *
XP-351	32 / 65	30
XP-355	32 / 65	70
XP-605	65 / 130	30

*) In standard delivery included: 1x stator / rotor XP-350 with above mentioned power

Accessories (not in delivery included):

- Data logger
- Grouting hoses
- Cleaning hose
- Resettable water meter
- LED launder with tripod
- Mixing scale
- Mixing time monitoring
- Pressure control eccentric screw pump
- Pressure turn off eccentric screw pump
- Slow running agitator in buffer tank
- Fast running agitator in buffer tank
- Frequency inverter eccentric screw pump
- Power distributor with service socket
- High-pressure cleaner
- Water dosage buffer tank