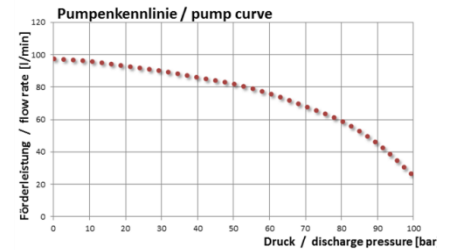




picture similar



Application areas:

- Micro tunnelling
- Pipe jacking
- Cavity filling

Mixing of :

- Bentonite slurries
- Insulation slurries
- Fly ash slurries

Technical Data / Performance Data*

Mixing capacity (20 batches/h)	5,6	m ³ /h
Effective mixer volume	280	l
Mixing water minimum	90	l
Mixer filling level (bag loading)	1050	mm
Buffer tank volume	1000	l
Flow rate	0 - 90	l/min, continuously adjustable
Discharge pressure	max. 100	bar, continuously limited
Solids grain size	max. 2	mm
Pressure connection	1"	IG alternatively Victaulic 2"
Water connection	Storz C	1 ½" standard coupling DIN14307, max.6 bar; or Geka-claw coupling
Cleaning connection	DN 20	Geka-claw coupling
Power connection	CEE-plug	63 A, 5-pole
Power input	approx. 21	KW
Voltage	400	V; 50 Hz
Dimensions	2,5 x 1,2 x 2,15	m (L x W x H)
Weight	approx. 1000	kg

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

Features:

- ✓ **Batch mixer** 280 l capacity (colloidal mixer);
fast running colloidal mixer; debugging grid with safety-end switch;
adjustable filling bar for rough water level indication and water dosage;
3-way valve in the mixer-forced circulation; mixing tank draining
- ✓ **Agitator tank** (angular) 1000 l capacity;
fast running agitator; with inclined tank bottom for better tank draining,
tank wall with cleaning opening; tank lid with inspection port
- ✓ **Piston pump** double-acting, vertically arranged;
automatic ball valves (inlet and exhaust valves)
- ✓ **Water dosage** by manually operated ball valve
- ✓ **Separate connection** for cleaning hose including stopcock
- ✓ **Pump suction pipe** with quick couplings and additional flushing connection
- ✓ **Pump pressure pipe** with 2 lubricated high-pressure ball valves
(1 x pressure relief for agitator tank, 1 x pressure port piston pump)
- ✓ **Digital discharge pressure display** with safety switch-off
- ✓ **Hydraulic aggregate** with:
 - variable pump
 - visual oil level indicator
 - return filter including visual contamination indicator;
 - venting nozzles
 - hydraulic control block with 2 hand wheels (1 x continuous adjustment of pump flow rate, 1 x continuous limiting of pump discharge pressure)
- ✓ **Steel frame** with suitable seats for forklift and pallet truck handling;
central lifting eye on mixer tank
- ✓ **Electrical function and power control** with the following display and control elements:
 - Main switch ON/OFF
 - Mixer ON/OFF
 - Pump ON/OFF
 - Agitator ON/OFF
 - Diverse service counters
 - Operation hours counter pump
 - Emergency-off-button
 - Phase-control
 - Combined fault display
 - Operation mode switch
 - Stroke counter pump
 - Operation hours counter mixer

Accessories (not included in delivery):

- Oil cooler
- Remote control (cable or radio)
- electrical adjustment flow rate
- electrical limitation discharge pressure
- Data logging
- Grouting hoses
- Cleaning hose
- Water meter
- Mixer scale
- LED launder (with tripod)
- High-pressure cleaner

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Technical specifications are
subject to change
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