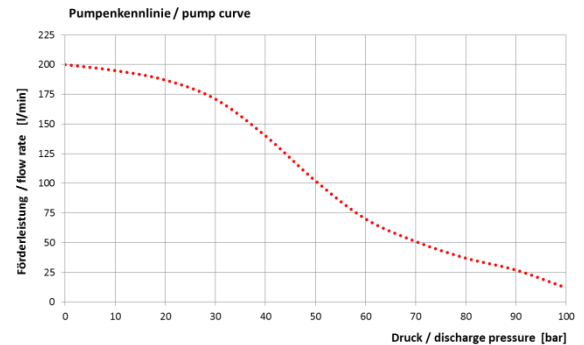




picture similar



### Application areas:

- Anchor injection
- Grouting
- Cavity filling
- Micro tunnelling
- Ground injection
- Bentonite lubrication

### Mixing of:

- Cement slurries
- Anchor grout
- Bentonite slurries
- Filling material for peripheral sealing
- Insulation slurries
- Fly ash slurries

### Technical Data / Performance Data \*

Mixing capacity (20 batches/h)	3,0	m <sup>3</sup> /h
Effective mixer volume	150	l
Mixing water minimum	50	l
Mixer filling level (bag loading)	940	mm
Buffer tank volume	300	l
Flow rate	0 - 200	l/min, continuously adjustable
Discharge pressure	max.100	bar, continuously limited
Solids grain size	max. 2	mm
Pressure connection	1 ¼"	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	63 A, 5-pole
Power input	25	KW
Voltage	400	V; 50 Hz
Dimensions	1,75 x 2,15 x 2,4	m ( L x W x H)
Weight	approx. 1700	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; colloidal mixer; container stainless steel); 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** 300 l capacity (container and agitator stainless steel); slow running agitator; with inclined tank bottom for better tank draining, tank wall with cleaning opening; tank lid with inspection port and safety-end switch
- ✓ **Double plunger pump** vertically arranged; automatic ball valves (inlet and exhaust valves)
- ✓ **Water tank** 150 l capacity, optical level indicator;
- ✓ **Water dosage** by manually operated ball valve
- ✓ **Separate connection** for cleaning hose including stopcock
- ✓ **Rinsing operation**; optional pumps for slurry or water possible; switching by manually operated valves
- ✓ **Pump suction pipe** with suction filter
- ✓ **Pump pressure pipes** with 2 lubricated high-pressure ball valves (1 x pressure relief for agitator tank, 1 x pressure port plunger pump) pressure pipe with pressure transmitter and visual pressure indicator (manometer 100 mm)
- ✓ **Hydraulic aggregate** with:
  - variable pump and fixed displacement pump
  - visual oil level indicator
  - return filter including visual contamination indicator;
  - oil minimum guard
  - 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)
  - oil cooler
- ✓ **Steel frame** with working platform; central lifting eye; suitable seats for forklift and pallet truck handling; lifting eyes for transportation lock
- ✓ **Electrical function and power control** with the following display and control elements including protective cover (against vandalism)
 

<ul style="list-style-type: none"> <li>- Main switch ON/OFF</li> <li>- Mixer ON/OFF</li> <li>- Pump ON/OFF</li> <li>- Agitator ON/OFF</li> <li>- Diverse service counters</li> <li>- Operation hours counter pump</li> <li>- Plug socket 230 V</li> </ul>	<ul style="list-style-type: none"> <li>- Emergency-off-button</li> <li>- Phase-control</li> <li>- Combined fault display</li> <li>- Operation mode switch</li> <li>- Stroke counter pump</li> <li>- Operation hours counter mixer</li> </ul>
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### Accessories (not included in delivery):

- Remote control plunger pump(cable or radio)
- Electrical adjustment of flow rate (plunger pump)
- Electrical limitation discharge pressure (plunger pump)
- Digital display discharge pressure
- Workplace parasol (sun and weather protection)
- Data logging
- Grouting hoses
- Cleaning hose
- Water meter
- Mixer scale
- LED launder (with tripod)
- High-pressure cleaner