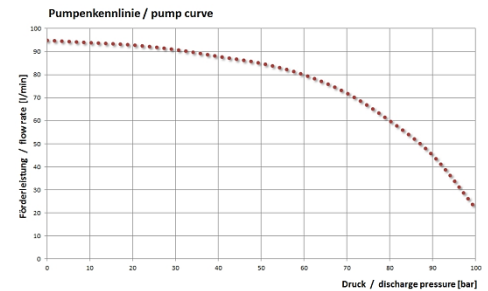




picture similar



### 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)	5,6	m <sup>3</sup> /h
Effective mixer volume	280	l
Mixing water minimum	95	l
Mixer filling level (bag loading)	1080	mm
Agitator tank volume	560	l
Flow rate	0 – 95	l/min, continuously adjustable
Discharge pressure	100	bar, continuously limited
Solids grain size	max. 2	mm
Pressure connection	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	63 A, 5-pole
Power input	27,5	KW
Voltage	400	V; 50 Hz
Dimensions	2,65 x 1,1 x 2,1	m ( L x W x H)
Weight	approx. 1250	kg

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

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### 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** 560 l capacity;  
slow running agitator; 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 dosage** by manually operated ball valve
- ✓ **Separate connection** for cleaning hose including stopcock
- ✓ **Pump suction pipe** with suction filter
- ✓ **Pump pressure pipe** 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 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):

- Remote control (cable or radio)
- electrical adjustment of flow rate
- electrical limitation discharge pressure
- digital display discharge pressure
- optional rinsing operation (optional pumping of slurry or water)
- Data logging
- Grouting hoses
- Cleaning hose
- Water meter
- Mixer scale
- LED launder (with tripod)
- High-pressure cleaner

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