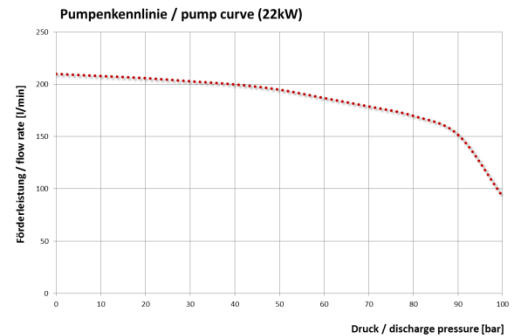




picture similar



### 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              | 90                | l   |
| Mixer filling level (bag loading) | 870               | mm  |
| Buffer tank volume                | 560               | l   |
| Water tank capacity               | 250               | l   |
| Flow rate                         | 0 - 210           | 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 with phase inverter                                |
| Power input                       | approx. 31        | KW  |
| Voltage                           | 400               | V; 50 Hz  |
| Dimensions                        | 2,04 x 2,17 x 2,4 | m ( L x W x H)  |
| Weight                            | approx. 2100      | 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** 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 tank** 250 l capacity; visual level indicator; automatic filling control
- ✓ **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 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:
 

|                                |                                 |
|--------------------------------|---------------------------------|
| - Main switch ON/OFF           | - Emergency-off-button          |
| - Mixer ON/OFF                 | - Phase-control                 |
| - Pump ON/OFF                  | - Combined fault display        |
| - Agitator ON/OFF              | - Operation mode switch         |
| - Diverse service counters     | - Stroke counter pump           |
| - Operation hours counter pump | - Operation hours counter mixer |

### Accessories (not included in delivery):

- Remote control (cable or radio)
- Electrical adjustment of flow rate (plunger pump)
- Electrical limitation discharge pressure (plunger pump)
- Digital display discharge pressure
- Optionally rinsing operation (optionally 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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Technical specifications are  
subject to change  
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