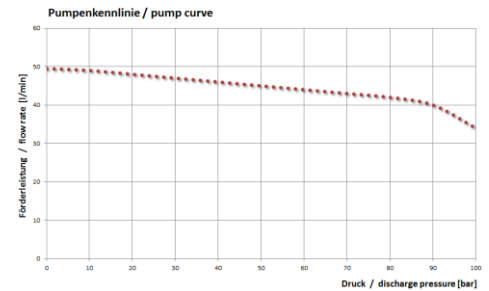




picture similar



### 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	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
Water tank volume	150	l
Flow rate plunger pump	0 - 50	l/min, electrically continuously adjustable
Discharge pressure plunger pump	max. 100	bar, manually continuously limited
Solids grain size	max. 2	mm
Pressure connection plunger pump	1"	IG
Water connection	Storz C	1 ½" 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	16	KW
Voltage	400	V; 50 Hz
Dimensions	ca. 2,35 x 0,95 x 2,1	m ( L x B x H)
Weight	approx. 930	kg

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

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## Description:

The grout plant IS-60-E is specifically developed compact automatic mixing and grouting plant for construction sites. The grout plant is particularly suitable for mixing and grouting of bentonite, cement, insulation slurries and sealing wall components or other fluid containing suspensions

## Features:

- ✓ **Batch mixer** 150 l capacity (colloidal mixer); (mixing tank stainless steel)  
Fast running colloidal mixer; bag loading grid with safety-end switch; adjustable filling bar for rough water level indication and manual water dosage; 3-way valve in the mixer-forced circulation; removable recirculation for easy tank draining
- ✓ **Agitator tank** 300 l capacity; (tank 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 fill-level probe; 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)
- ✓ **Hydraulic aggregate** with:
  - variable pump and fixed displacement pump
  - oil level indicator with minimum guard
  - return filter including visual contamination indicator
  - oil cooler
  - venting nozzles
  - hydraulic control block with one proportional valve (1 x continuous electrically adjustment of pump flow rate) and one hand wheel (1 x continuous manually adjustment 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
  - Potentiometer pump capacity 0-100%
  - Phase-control
  - Combined fault display
  - Operation mode switch
  - Emergency-off-button

## Accessories (not included in delivery):

- Remote control (cable or radio)
- Electrical limitation discharge pressure
- Digital display discharge pressure
- Data logging
- Grouting hoses
- Cleaning hose
- Water meter
- Mixer scale
- LED launder (with tripod)
- High-pressure cleaner

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