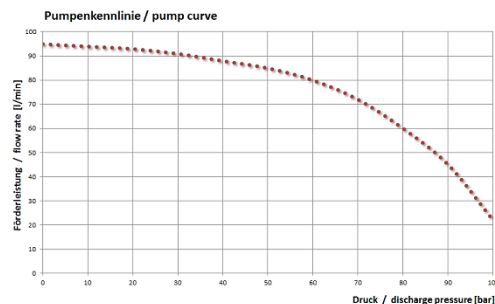




picture similar



Application areas:

- Micro tunnelling
- Pipe jacking
- Bentonite lubrication
- Cavity filling
- Ground injection
- Anchor injection
- Groutings

Mixing of:

- Bentonite slurries
- Cement slurries
- Insulation slurries
- Fly ash slurries

Technical Data / Performance Data *

Mixing capacity (20 batches/h)	10,0	m³/h
Effective mixer volume	500	l
Mixing water minimum	170	l
Mixer filling level (bag loading)	1080	mm
Agitator tank capacity	3000	l
Flow rate each pump (I + II)	(2x) 0 – 95	l/min, electrically continuously adjustable
Discharge pressure each pump (I + II)	100	bar, continuously limited
Solids grain size	max. 2	mm
Pressure connection pump	(2x) 1"	IG
Water connection	Storz C	2 ½" standard coupling DIN14307, max.6 bar;
Cleaning connection	DN 25	Geka-claw coupling
Power connection	CEE-plug	125 A, 5-pole or conduit box
Power input	48	KW
Voltage	400	V; 50 Hz
Dimensions	6,05 x 2,43 x 2,59	m (L x W x H)
Weight	approx. 5100	kg

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

Features:

- ✓ **Batch mixer** 500 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; complete mixing tank draining
- ✓ **Agitator tank** 3000 l capacity
slow running agitator; with inclined tank bottom for better tank draining,
2x tank outlet with butterfly valve; tank wall with cleaning opening; tank lid with
inspection port; fill-level probe 0-100%
- ✓ **2 Double plunger pumps** vertically arranged;
automatic ball valves (inlet and exhaust valves)
- ✓ **Water dosage** by manually operated ball valve
- ✓ **Cleaning hose** including stopcock
- ✓ **2 Pump suction pipes** with quick couplings
- ✓ **Pump pressure pipe** with 4 lubricated high-pressure ball valves
(2x pressure relief towards agitator, 2x pressure connection plunger pump)
- ✓ **Hydraulic aggregat** with:
 - 2 electrical drives with each 1 variable pump and each 1 fixed displacement pump
 - visual level indicator
 - return filter including visual oil contamination indicator
 - oil minimum guard
 - venting nozzles
 - 2 hydraulic control blocks each with 1 hand wheel (continuous limitation of pump discharge pressure)
 - electrical adjustment pump flow rate for both plunger pumps (0-100%) continuously
- ✓ **20' Container** (double door) in CSC version
- ✓ **Lightening** container inside
- ✓ **Service socket** 230V; 50 Hz
- ✓ **Electrical function and power control** with the following display and control elements:

- Main switch ON/OFF	- Emergency-off-button
- Mixer ON/OFF	- Agitator ON/OFF
- Plunger pump I ON/OFF	- Plunger pump II ON/OFF
- Flow rate pump I [0-100%]	- Flow rate pump II [0-100%]
- Level indicator agitator 0-100%	- Stroke counter pump I
- Stroke counter pump II	- Operating mode selector for pumps
- Diverse service counters	- Display combined fault
- Acknowledge fault	- Phase-control

Accessories (not included in delivery):

- Remote control (cable or radio)
- Electrical limitation discharge pressure
- Digital display discharge pressure
- Visual pressure display
- Data logging
- Grouting hoses
- Water meter
- Mixer scale
- High-pressure cleaner

GERTEC

Maschinen- und Anlagenbau
GmbH

Gewerbepark 3
D-87477 Sulzberg

Phone.: +49(0)8376-98791-0

Fax: +49(0)8376-98791-99

info@gertec-gmbh.de

Art.No.: 40512

Edition: 2022-04-04

Technical specifications are
subject to change

page 2/2