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Application areas:

- Anchor injection, Ground stabilization, Rock injection
- Drill injection
- Jet grouting, Pipe roof grouting
- Floor level injection
- Geothermal applications
- Cavity filling
- Micro tunnelling

Mixing of:

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

Technical Data / Performance Data*

Mixing capacity (with 24 batches/h)	36	m ³ /h
Effective volume mixer	1500	l
Mixing water minimum	500	l
Effective volume water tank	1400	l
Grain solids	max. 2	mm
Water dosing pump capacity	approx. 2 x 1000	l/min
Mixing components	7	2 liquids (fresh and dirty water) 3 solids 2 additives (dosage optionally)
Dosage	gravimetric	fully electronic mixer scale
Water connection	Storz B	3" standard coupling DIN 14307, max.6 bar;
Cleaning connection	DN 25	Geka-claw coupling
Mixer outlet (connection)	Storz A	4" standard coupling DIN 14307 alternatively 4" IG
Power connection	CEE-plug	125 A, 5-pole
Power input	45	KW
Voltage	400	V; 50 Hz
Dimensions	4,0 x 2,4 x 2,6	m (L x W x H)
Weight	approx.3200	kg

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

Description:

The batch mixer CM-1500-EA (automatic operation) is an especially for construction site use developed compact slurry mixer for processing of silo and bagged goods.

It is particularly suitable for mixing bentonite - and cement slurries, diaphragm wall compounds or other solids-containing suspensions.

Characteristics:

- Processing of silo and bagged goods
- Easy operating, maintenance and cleaning
- Minimum installation and commissioning effort
- Optimal mixing quality (colloidal mixer)

Features:

- ✓ **Batch mixer** 1500 l effective volume (colloidal mixer) with mixer scale for colloidal processing of suspensions
fast-running colloidal agitator; additional slow-running agitator inside the mixer storage tank; cleaning cover with safety end-switch; mixer mounted on 3 robust weight cells; recirculation and emptying line with electro-pneumatic operated valves; complete discharge of the mixer
- ✓ **Water tank** 1400 l effective volume, visual level indicator; automatic filling control
- ✓ **Water dosage** fully-automatic; electro-pneumatic operated valves
- ✓ **Recirculation and emptying line** with electro-pneumatic operated valves
- ✓ **Base frame**
- ✓ **W-LAN module** without sim-card (on site)
 - location independent input of all functions via tablet or laptop / PC (not included) such as: recipe input, parameter input and borehole numbers input (if GERLOGG is connected)
 - data readout batch logging
 - data readout grouting data's (if GERLOGG is connected)
 - monitoring of all current operating conditions
 - possibility of remote maintenance or software updates by GERTEC without an on-site technician
- ✓ **high pressure cleaner**
- ✓ **Electrical control** with all necessary display and operating elements

Accessories (not included in delivery):

- Remote control (cable or radio)
- Tubular screw conveyor(s)
- Silos
- Data logger
- Dosage systems for additives
- LED laundry with tripod
- Spare and wear parts package

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Technical specifications are
subject to change

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