



### 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: picture similar

- 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)	12	m <sup>3</sup> /h
Effective volume mixer	500	l
Mixing water minimum	165	l
Mixer filling level (bag loading)	1150	mm
Effective volume water tank	400	l
Grain solids	max. 2	mm
Mixing components	5	1 liquid 2 grain solids 2 additives (dosage optionally)
Water connection	Storz C	2 1/2" standard coupling DIN 14307, max.6 bar; oder Geka-claw coupling
Cleaning connection	DN 20	Geka- claw coupling
Power connection	CEE-plug	63 A, 5-pole
Power input	22	KW
Voltage	400	V; 50 Hz
Dimensions	1,4 x 1,8 x 2,5	m ( L x W x H)
Weight	approx. 1400	kg

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

## Description:

The batch mixer CM-500-EA (automatic operation) is a compact slurry mixer for processing of silo and bagged goods especially developed for construction site use.

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 operation, maintenance and cleaning
- Minimum installation and commissioning effort
- Optimal mixing quality (colloidal mixer)

## Features:

- ✓ **Batch mix mixer** 500 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** 400 l effective volume, visual level indicator; automatic filling control
- ✓ **Water dosage** full-automatic; electro-pneumatic operated valves
- ✓ **Recirculation and emptying line** with electro-pneumatic operated valves
- ✓ **Base frame**
- ✓ **Electrical control**

## Accessories (not included in delivery):

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

**GERTEC**Maschinen- und Anlagenbau  
GmbHGewerbepark 3  
D-87477 SulzbergPhone: +49(0)8376-987 91-0  
Fax: +49(0)8376-987 91-99  
info@gertec-gmbh.de

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Technical specifications are  
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