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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 20 batches/h)	10	m ³ /h
Effective volume mixer	500	l
Mixing water minimum	165	l
Mixer filling level (bag loading)	1150	mm
Solids grain size	max. 2	mm
Dosage liquid	2 1/2"	ball valve, manually
Level indicator (rough)	170 – 500	l; filling bar adjustable
Dosage solids	manually	bag loading grid
Mixer outlet	Storz B	3" standard coupling DIN 14307, alternatively 3" IG
Water connection	Storz C	2 1/2" standard coupling DIN 14307, max.6 bar
Cleaning connection	DN 20	Geka-claw coupling
Power connection	CEE-plug	32 A, 5-pole with phase inverter
Power input	15	KW
Voltage	400	V; 50 Hz
Dimensions	1,7 x 1,4 x 1,85	m (L x W x H)
Weight	approx.600	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-E (manual operation) is a compact slurry mixer for processing of 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 bagged goods
- Easy operation, maintenance and cleaning
- Minimum installation and commissioning effort
- Optimal mixing quality (colloidal mixer)
- Low space required
- Easy operation (crane, lift truck, forklift)
- Little operating costs

Features:

- ✓ **Colloidal mixer CM-500** for colloidal processing of slurries
- ✓ **Water dosage DN 50** with hand-operated ball valve
- ✓ **Level indicator (rough)** via adjustable filling bar
- ✓ **Recirculation and emptying line** (easy uncoupling) with 3-way valve
- ✓ **Base frame** galvanized, lift truck handling is possible from the long or front sides, forklift handling from the front sides, central lifting eye on the mixer motor
- ✓ **Electrical control** for mixer drive
- ✓ **Electrical input** with phase inverter

Accessories / Equipment Version (not included in delivery):

- Water meter
- Mixing scale

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Technical specifications are
subject to change

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