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Application areas:

- ✓ Building materials industry (mixing and dosing of slurries in the production of foam concrete / mineral foams)
- ✓ Tunneling (cavity filling, injection, grouting)
- ✓ Foundation engineering (cavity filling, injection, grouting)

Technical Data / Performance Data ¹⁾

Mixing capacity (with 15 batches/h)	3,75	m ³ /h
Effective volume mixer	80 - 250	l
Mixing water minimum	80	l
Effective volume agitator tank	500	l
Flow rate dosing pump	15 - 60	l/min infinitely adjustable
Discharge pressure dosing pump	max. 12	bar
Mixing components	5	1 liquid 2 solids 2 additives (Dosing unit optionally)
Solids grain size	max. 2	mm
Pressure connection slurry pump	VT 1"; type 25	motar coupling VT 1", alternatively 1" IG
Water connection	Storz C	DIN14307, max.6 bar; or Geka-claw coupling
Power connection	CEE-plug	63 A, 5-pole
Power input	approx. 23	kW
Voltage	400	V, 50 Hz
Transport dimensions	2,32 x 1,47 x 2,03	m (L x W x H)
Mixer work dimensions	2,86 x 1,90 x 2,03	m (L x W x H)
Weight:	1200	kg

¹⁾ The specified performance data are non-binding values that differ significantly depending on dosing, mixing and discharge times.

Characteristics:

- processing of bagged goods or silo goods (bagged goods with manual sack loading)
- the flow rate of the dosing pump is infinitely adjustable
- easy operation, maintenance and cleaning
- minimum mounting and start-up effort
- optimal mixing quality (colloidal mixer)
- minimum space requirements
- minimum operating costs

The Batch Mixer CMA-250-EAVA is a compact fully-automatic slurry mixer with agitator tank and integrated dosing pump. The batch mixer is especially designed for mixing of cement slurries for the production of lightweight foamed concrete. Due to the integrated dosing pump, the downstream foamed concrete mixing plant SBM-14 (or similar) can be continuously supplied with cement slurry from the agitator tank. The foam concrete mixer is not part of the batch mixer.

Features:

- ✓ **Batch mixer** 250 l capacity (colloidal mixer); mixing tank stainless steel
Fast running colloidal mixer; mixing scale for automatic dosing of the mixing components, cover with 2 fittings for cement augers and safety switch; electrical operated 3-way valve in the mixer-forced circulation and emptying pipe; removable circulation pipe for easy complete discharge
- ✓ **Mixer cleaning** automatically incl. booster pump
- ✓ **Agitator tank** 500 l capacity; tank stainless steel
slow running agitator; inclined tank bottom (better draining); tank wall with cleanout; tank cover with inspection port and safety switch; slurry filter at tank inlet; fill-level probe (0-100 %)
- ✓ **Eccentric screw pump** with frequency converter, flushing connection
- ✓ **Water dosage (automatic)** by electrically operated valve
- ✓ **separate connection** for cleaning hose including stopcock
- ✓ **Steel frame** including hinged working platforms; galvanized frame with pockets for fork-lift and pallet truck handling; central lifting eye for crane
- ✓ **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
 - Emergency-off-button
 - Potentiometer pump capacity 0 -100 %
 - Phase control
 - Combined fault display
 - Operation mode switch
 - Signal output cement auger
 - Process control for automatic operation and operation data acquisition (Touch Panel)
 - Batch recording with USB-stick

GERTEC
Maschinen- und Anlagenbau
GmbH

Gewerbepark 3
D-87477 Sulzberg

Phone: +49(0)8376-987 91-0
Fax: +49(0)8376-987 91-99
info@gertec-gmbh.de

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Technical specifications are
subject to change

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