



picture similar

Mixing of:

- Cement suspensions
- binder suspensions insulation technology
- other suspensions containing solids (after technical clarification)

Technical Data / Performance Data *

Mixing capacity (10 batches/h)	2,8	m³/h
Effective volume mixer (suspension, without foaming)	appr. 90 - 280	l
Effective mixer volume (with direct foaming)	appr. 90 - 220	l
Minimum quantity of mixed water	appr. 90	l
Minimum quantity of mixed water Chemical foaming ahead	appr. 60	l
Mixer filling level (bag loading)	appr. 1195	mm
Grain size	max. 2	mm
Scale display (dosing of mixed water, binder)	0,0 – 600,0	kg
Dosage liquid	2"	Ball valve, hand operated
Dosage solid(s) bagged material	manually	sheetback emptying grid
Silo goods / Big-Bag	via pipe screw	Manual on/off
Water connection	Storz C	2" coupling DIN14307, max.6 bar; or Geka-claw coupling
Cleaning connection	DN 20	Geka-claw coupling
Butterfly valve manual	2 x DN 100	Butterfly valve manual
Dosage liquid additive*	appr. 50 ml/sec*	Time control (calibration, necessary depending on product)
Propellant tank volume (H2O2)	max. 30	l
Filling / Dosage propellant tank	manually	Filling opening
Drainage propellant tank	manually	Ball valve, hand operated
Power connection	CEE-Stecker	32 A, 5-polig
Power input	15	KW (to clarify)
Voltage	400	V; 50 Hz
Transport dimensions	1,3 x 1,4 x 2,2	m (L x W x H)
Working dimensions	1,3 x 1,4 x 2,7	m (L x W x H) (inkl. Filter)
Weight	appr. 560	kg

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

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Description:

The batch mixer CM-280-E-strong is a compact suspension mixer for the production of colloiddally digested suspensions.

It is particularly suitable for mixing binding agents in insulation technology and is specially prepared for use in the field of chemical foaming.

Equipment:

- ✓ **Batch mixer** CM-280 (colloidal mixer); mixing vessel made of mild steel powder coated; cleaning lid with safety limit switch; Mixer shifted on 3 robust load cells; 2 x discharge line with manual butterfly valve
- ✓ **Mixed water dosing** DN 50 by means of manually operated ball valve
- ✓ **Additive metering** for liquid additives volumetric with adjustable time control
- ✓ **Propellant buffer tank** with manual emptying (manually operated ball valve)
- ✓ **sheetback emptying grid**, loose (mechanical conversion of silo version necessary)
- ✓ **Mixer dedusting system**
- ✓ **Base frame with** foldable step platform
- ✓ **electrical function and power control:**
 - Main switch on/off
 - Emergency stop button
 - Switch mixer on/off
 - Switch auger on/off
 - Display / digital scale display
 - Digital display additive dosing incl. time relay
 - Digital display mixing time incl. time relay
 - Mixer operating hours counter
 - Phase sequence / error display

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