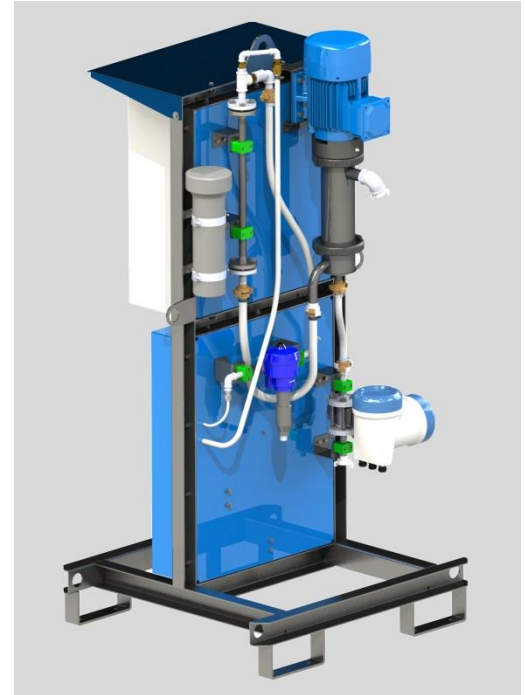




picture similar



picture similar

Application areas:

- Production of foam concrete
- Production of light levelling mortar
- Cavity filling
- Production of foam concrete blocks
- Production of foam concrete screed
- laboratory, development of building materials

Technical Data / Performance Data *

Mixing capacity	20 - 40 1,2 - 2,4	l/min m ³ /h
Dry density foam concrete	ca. 60-200	kg/m ³
Fresh mortar density	ca. 100 - 350	kg/m ³
Output foam generator	15 - 40	l/min; adjustable
Foam density	20 - 100	kg/m ³ ; adjustable
Foaming agent rate	0,8 – 5,5	%; adjustable
Water connection	GEKA- coupling 3/4"	Line pressure ≥ 6bar
Water consumption	max. 4	l/min
Pressed air connection	Plug NW 7,2; ISO 228-1	Line pressure ≥ 6,0 bar
Pressed air consumption	max. 55	NI/min
Suspension connection	MT 1"	Mortar coupling
Connection delivery hose foam	VT 1"	Mortar coupling
Power connection	16 A,	CEE-plug 5-pole with phase inverter
Power input	app. XX	kW (to clarify)
Voltage	400	V; 50 Hz
Transport dimensions	XX x XX x XX	m (L x W x H) (to clarify)
Weight	ca. XX	Kg (to clarify)

* The specified performance data are non-binding values that differ significantly depending on their respective product features.

Description:

The SBM-2-EA foamed concrete mixer is a compact automatic mixer for the continuous production of mineral foams and foamed concrete. Foam is permanently generated in the integrated foam generator and homogeneously mixed with 1 to max. 2 building material suspensions in a closed system. The SBM-2-EA foamed concrete mixer prevents foreign air from entering the mix during the mixing process and ingeniously exploits the large density differences between foam and building material suspension during mixing. The unique mixing principle makes it possible to produce light to medium-weight foamed concretes, in an impressive quality, reproducibly and continuously. A specially developed measuring and control concept enables the mineral foam or foamed concrete to be produced in a predictable and precise manner.

Mixing and dosing of the cement slurry is not part of the foamed concrete mixer SBM-2-EA, therefore GERTEC offers a range of special mixing systems with integrated dosing pumps.

Features:

- ✓ **Foam generator DN25 + Foam generator DN15**
- ✓ **Foam water dosing** with filter regulator, electric control valve, flowmeter, electrically operated shut-off valve
- ✓ **Proportional Injector** for 0,8 – 5,5 % foaming agent
- ✓ **Pneumatic dosing system** with pressure reducer, electrical control valve, electric flowmeter, water separator and air dryer
- ✓ **Compressed air metering** with pressure reducer, diaphragm dryer, electronic flow meter and control valve (compressor for compressed air production on site)
- ✓ **Inductive flow meter** for measuring the dosing quantity of the binder suspension is provided in the 2K version on site / respectively component of the dosing pump for the binder suspensions
- ✓ **Foamed concrete mixer** with speed control
- ✓ **Steel base frame**
central lifting eye and suitable seats for forklift and elevating truck – handling
- ✓ **Concrete spreader** (concreting, waste), electro-pneumatically operated
- ✓ **Electrical power control** function and performance control with touch panel including system visualization, system monitoring, recipe management, statistics, service and operational parameterization; Setpoint control for foam water, air, suspension 1, suspension 2, mixer speed
- ✓ **Filling hose** DN 25, length 3 m
- ✓ **Standard cleaning accessories**

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Technical specifications are
subject to change Seite 2 / 2