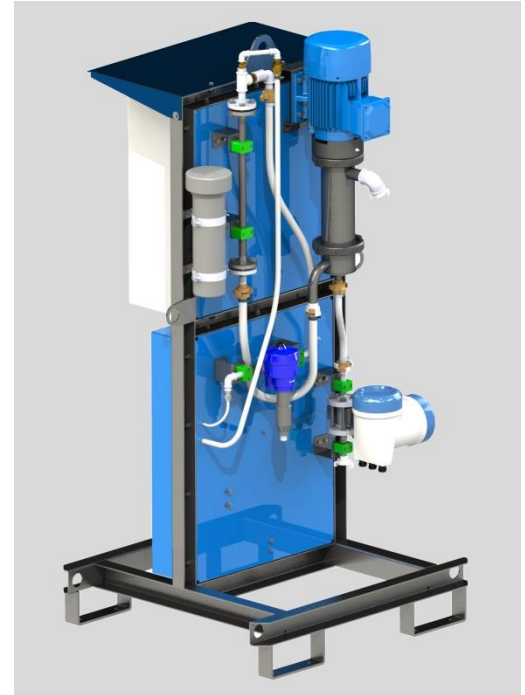




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Application areas:

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

Technical Data / Performance Data *

Mixing capacity	0,9 - 1,5	m ³ /h
Dry density foam concrete	ca. 300 - 800	kg/m ³
Fresh mortar density	ca. 350 - 900	kg/m ³
Output foam generator	8 - 22	l/min; adjustable
Foam density	40 - 100	kg/m ³ ; adjustable
Foaming agent rate	0,8 – 5,5	%; adjustable
Water connection	GEKA-Kupplung 1/2"	Line pressure ≥ 6bar
Water consumption	max. 2,5	l/min
Pressed air connection	Stecker NW 7,2; ISO 228-1	Line pressure ≥ 6,0 bar
Pressed air consumption	max. 25	NI/min
Link-up connection hose	MT 1"	Mortar coupling
Link-up transport hose	VT 1"	Mortar coupling
Power connection	16 A,	CEE-plug 5-pole with phase inverter
Power input	ca. 1,0	kW
Voltage	400	V; 50 Hz
Transport dimensions	0,85 x 0,80 x 1,72	m (L x W x H)
Weight	ca. 155	kg

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

Description:

The foam concrete mixer SBM-1-EA is a compact small-scale automatic plant for the continuous production of mineral foams and foamed concrete. Foam is permanently generated by the integrated foam generator and homogeneously mixed with cement slurry in a closed system. This closed system prevents the penetration of foreign air into the mixture during the mixing process and utilizes the great differences in density between foam and cement slurry in a brilliant way. This unique mixing principle enables the reproducible and continuous production of ultralight to medium-weight foam concrete of an impressive quality.

Mixing and dosing of the cement slurry is not part of the foamed concrete mixer SBM-1, 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, electronic flow meter and control valve
- ✓ **Inductive flow meter** for measuring the dosing quantity of the binder suspension
- ✓ **Foamed concrete mixer** with speed control
- ✓ **Steel base frame**
central lifting eye and suitable seats for forklift and elevating truck - handling;
- ✓ **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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