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Application area:

- Production of foamed concrete
- Production of light levelling mortar
- Cavity filling
- Production of foamed screed
- Production of foamed concrete blocks

Technical Data / Performance Data ¹⁾

Mixing capacity ^{1,2)}	6,0 - 14,0	m ³ /h
Density wet ^{1,2)}	approx. 200 - 700	kg/m ³
reachable exactness ¹⁾	+/- 3	%
Dry density foam concrete	approx. 150 - 600	kg/m ³
Tolerances green mortar density ²⁾	+/- 5	%
Output foam generator	60 - 150	l/min; adjustable
Foam density	40 - 80	kg/m ³ ; adjustable
Foaming agent rate	0,5 - 4,0	%; adjustable
Water consumption	max. 20	l/min
Water connection (external)	DN 20	GEKA claw-coupling
Connection transport hose (foam concrete)	Storz C	2 " standard coupling DIN14307
Length transport hose	max. 60	m; longer lengths on request / possible after technical clarification
Power connection	CEE-plug	32 A, 5- pole with phase inverter
Power input	max. 9,0	kW
Voltage	415	V; 50 Hz
Transport dimensions	2,2 x 1,1 x 2,0	m (L x W x H)
Weight	470	kg

¹⁾The stated values are non-binding guide values. Depending on the material properties of the mixture components, difference of the density (mixing components) and the rheological properties of the mixed product, the results may differ significantly from the standard values.

²⁾The specified maximum mixing power range is not available over the entire range of density.

³⁾The stated dry bulk densities depend on the starting materials and their water binding, the formulation, the processing, as well as the drying and can differ considerably.

Description:

The foamed concrete mixer type SBM-14-EA is a compact continuous working foamed fully automatic concrete producing machine. Foam is permanently produced with the integrated foam generator and is mixed at high speed with cement slurry in a closed system. The foam mixer type SBM-14-EA is designed to prevent the ingress of external air into the mixed concrete material during the mixing process. Due to the special mixing principle, it is possible to produce ultralight as well as heavy foamed concrete in an impressive reproducible quality.

The mixing and dosing system of the cement slurry as such is not part of the foamed concrete mixer SBM-14-EA.

Features:

- **Foam generator**
- **Foam water dosing** with booster pump, pressure switch, filter regulator, electric control valve, inductive flowmeter, electrically operated shut-off valve
- **Proportional dosing system foaming agent** for 0.5 - 4.0% fluid
- **Air dosing system** with compressor, pressure switch, membrane dryer, pressure reducer, electrical control valve, electric flowmeter
- **Slurry metering system** (without pump) including inductive flowmeter
- **Foamed concrete mixer** infinitely variable (frequency inverter)
- **Concrete distributor** (concreting, cleaning; waste), electro-pneumatically operated shut-off valves
- **Steel base frame** with central lifting eye; suitable seats for forklift and pallet truck handling; lashing eyes for transport lock

Control:

- **electrical function and power control** with touch panel including mixer visualization, mixer monitoring, formula management, statistics, service and operating parameters

Standard accessory (included in delivery):

- **Control cable** slurry mixer - foamed concrete mixer max. 20m (standard)
- **Transport hose** (cement paste) slurry mixer - foamed concrete mixer max. 10m (standard length, other lengths possible)