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Application areas:

- Production of foam
- Production of light levelling mortar
- Production of foam concrete screed
- Production of foam concrete stones

Technical Data / Performance Data ¹⁾

Foaming capacity ²⁾	200 - 500	l/min	manual adjustable
Foam density ²⁾	30 - 100	g/dm ³	manual adjustable
Foam agent dosage	0,5 – 4,0	%	manual adjustable
Water connection	GEKA-coupling	1", NW 25	required pipe pressure: > 2,0 bar
Water amount required	50	l/min	
Compressed air connection	NW 10	plug DIN EN ISO 228-1	required pipe pressure: > 6,0 bar
Air volume required	550	l/min at 4 bar	
Pressure connection foam	Storz C DN 50	DIN 14307	
Power connection	CEE-plug	16 A	5-pole with phase inverter
Voltage	400	V; 50Hz	
Protection class	65	IP	
Cable length remote control	10	m	
Dimensions	0,9 x 0,6 x 0,9	m	l x w x h
Weight	approx. 110	Kg	

¹⁾The specified performance data are non-binding values that differ significantly depending on their respective product features.

²⁾The specified engine power depends on the foam density and of their respective product features.

Description:

The foam generator **SG-500-E** is a compact and extremely powerful device for the continuous production of foam for construction material applications.

With this device all commercially available foaming agents can be processed.

The detachable control panel serves as a local control as well as remote control.

Features foam generator:

- ✓ **Foam water dosing** incl. float-type flow meter, filter regulator, electrically operated shut-off valve, needle valve, muff dirt strainer, pressure display, adjustable pressure switch
- ✓ **Booster pump** for continuously water supply of the foam generator
- ✓ **Pneumatic dosing** (foam air) incl. float-type flow meter, pressure reducer, electrically operated shut-off valve, needle valve, pressure display, adjustable pressure switch
- ✓ **Proportional injector** for dosage of 0,5 – 4,0 % liquid foam agents
- ✓ **Control unit** with the following control elements
 - selector switch manual operation / time control
 - error display water pressure
 - error display air pressure
 - illuminated button foam generator ON / OFF
 - illuminated button foam generator PAUSE
- ✓ **Clock timer** adjustable, determining the exact operating time (time depend control of the foam output)
- ✓ **movable and portable base frame** with sheet-metal covering and central lifting eye

Standard accessories (included in delivery):

- ✓ Remote control cable (10m)
- ✓ Suction hose DN10 (2 m) for foaming agent
- ✓ Grouting hose DN 50 (5 m) connections Storz-C standard-coupling

Additional accessories (not included in delivery):

- Compressor / Compressed air treatment

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Technical specifications are
subject to change

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