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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)	20 - 50	l/min	Manual adjustable
Foam density 2)	30 - 100	g/dm ³	Manual adjustable
Foam agent dosage	0,8 – 5,5	%	Manual adjustable
Water connection	GEKA-coupling	3/4", NW 17	Required pipe pressure: > 2,0 bar
Water amount required	7	l/min	
Compressed air connection	NW 7,2	plug DIN EN ISO 228-1	Required pipe pressure: > 6,0 bar
Air volume required	60	l/min at 4 bar	
Pressure connection foam	1"	DN 25 IG	alternatively, RD 32 round thread AG
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	ca. 96	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-50-E** is a compact and extremely powerful device for the continuous production of foam. 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 0,7 – 5,5 % 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 DN 13 (1,2 m) for foaming agents
- ✓ Grouting hose DN 25 (5 m) connections RD 32 rond thread

Additional accessories (not included in delivery):

- Compressor / Compressed air treatment

GERTECMaschinen- und Anlagenbau
GmbHGewerbepark 3
D-87477 SulzbergPhone: +49(0)8376-987 91-0
Fax: +49(0)8376-987 91-99
info@gertec-gmbh.de

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Technical specifications are
subject to change

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