



TECHNICAL DATA SHEET

version 10.2010

Foam Generator FG 1 III page 1/2

1. Product Specification

Trade Name: **Foam Generator FG 1 III**



Company: **Dr. Lucà & Partner Ingenieurkontor GmbH**
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World Wide Unique foaming system

The FG 1 III is a very handy and modern foam generator. The whole system is running at very low pressure (100-200 mbar) and is forming up a very strong foam bubble membrane. This system is especially developed by Dr. Lucà & Partner for the world wide unique advanced foaming agent brand LithoFoam.

2. Components / Technical Data

Dilution Pump with integrated controlling panel using digital timer

Engine	1~
HP	0.5
kW	0.37
V	230
A	2
Hz	50/60
Cos Φ	0.98
r.p.m.	2800/3400
Kg	8.6



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Bankers: Landes Bank Berlin, Germany • Bank key (BLZ): 100 500 00 • Acc. (Kto.-Nr.): 66 0700 1473
IBAN: DE3410050000 6607001473 • SWIFT-BIC.: BELADEBEXXX



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Air system

Manufacturer: Becker, Germany
Type: DT 4.16
kW: 0.55, 50 Hz
0.66, 60 Hz
V: 230
Kg: 23.5 (51.8 lbs)

Foam Pipe

Length: 690 mm
External Diameter, average: 63 mm
External diameter, exit: 50 mm
Weight: 2.15 kg

Hose System

2x dilution hose
1x air hose

Further equipment

The system is ready to use. To run the system only one further vessel for the mixture out of foaming agent and water is necessary.

3. Advantages at a glance

- **Complete system**
- **Low energy consumption**
- **Easy maintenance, long life**
- **Very fine foam bubbles**
- **Low pressure foaming system for a very strong foam bubble membrane**
- **Integrated timer for foam dosage**
- **Foam output (l/min) is adjustable**

4. Foam Quality

Dilution ratio (foaming agent : water)	Foam weight (density)	Foam Output (adjustable)	Efficiency (litres of foam out of 1 kg foaming agent)
2% (1:50)	85-105 g/l	100-165 l/min	475-575
3% (1:33)	70-85 g/l	125-180 l/min	400-450
4% (1:25)	60-80 g/l	125-185 l/min	300-400

All data tested with LithoFoam SL 200-L

The information contained in this product specification is based on our current state of knowledge and experience. It does not free the user from making his own tests and trial applications. A legally binding assurance of certain properties cannot be inferred from this information. Any existing patent rights as well as any pertinent legal regulations must be observed by the recipient of our products under his own responsibility.



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