



TECHNICAL DATA SHEET

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1. Product Specification

Trade Name: ***LithoPore® Cutting Machine SM25***



top and bottom cutter



side cutter

Company: **Dr. Lucà & Partner Ingenieurkontor GmbH**
Telefon: **+49 30 457989680**
Fax: **+49 30 457989689**
Email: **info@dr-luca.com**

The **LithoPore® Cutting Machine SM25** is a dust free manual wire cutting machine. It is suitable to cut wet foamed concrete LithoPore™ up to ~200 kPa of compressive strength.



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2. Advantages at a glance

- Dust free cutting process
- Reduced wastage material due to finer cutting wires
- Low maintenance costs
- Fast exchange of wires
- Flexible block design possible

3. Description

- Pre cutter for top and bottom cutting
- Main cutter for side cutting
- Manual cutting process
- Block height is fixed through mould height
- Flexible block dimension
- Minimum block thickness 75 mm
- Maximum internal mould dimensions (1220 x 1220 mm)
(subject to adjustments)
- Maximum block height 620 mm (subject to adjustments)

4. Technical data

Tower quantity:	1 x top and bottom cutter 1x side cutter
Cutting speed:	fix
Feed rate:	max. 10 cm/sec (according to the strength of foamed concrete)
Placing table:	included, 1 set
Sample mould:	included, 1set (1220x1220x620mm)
Capacity, min:	2 cubic meters per hour
Capacity, max:	6 cubic meters per hour
Rail system:	not included, optional
Dimensions [mm]:	Tower 1: 1935 x 995 x 2000 (H) Tower 2: 2080 x 1400 x 2000+250 (H)

5. Application

The **LithoPore® Cutting Machine SM25** is only suitable for the cutting of wet foamed concrete LithoPore® up to ~200 kPa of compressive strength.

Procedure

- The block including mould will be placed on placing table.
- The mould will be opened
- The block will be moved through the top and bottom cutter manually
- Afterwards the vertical cutter will be activated and the vertical cutting is starting block by block
- The placing table can be turned by 90 degrees so that the block can be cut in two directions.
- Cut blocks have to be placed in further waiting area before final package