



Section 1: Product Specification

1.1. Trade name

LithoPore® Cutting Machine SM25

1.2. Manufacturer

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

Section 2: Advantages at a glance

- Pre cutter for top and bottom cutting
- Main cutter for side cutting
- Semi-automatic cutting process
- Block height is fixed through mould heightFlexible block dimension
- Minimum block thickness 75 mm
- Maximum internal mould dimensions (1220 x 1220 mm)(subject to adjustments)
- Maximum block height 640 mm (subject to adjustments)



TECHNICAL DATA SHEET

LithoPore® Cutting Machine SM25

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Section 3: Technical data

Tower quantity:	1 x top and bottom cutter 1x side cutter
Cutting speed:	fixed
Feed rate:	max. 10 cm/sec (according to the strength of foamed concrete)
Placing table:	included, 1 set
Sample mould:	included, 1set (1220x1220x640mm)
Capacity, min:	2 cubic meters per hour
Capacity, max:	6 cubic meters per hour
Effective capacity:	depends on numbers of vertical cuts
Rail system:	included
Dimensions [mm]:	Tower 1: 2330 x 2500 x 1970 (H)
Tower 2:	2180 x 2600 x 2720 (H)
Storing / operating temperature:	+5°C to +60°C

Section 4: 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 on placing table will be placed on starting position.
- Tower 1 for top and bottom cutting will drive automatically through the block.
- The block has to be pushed manually into Tower 2
- Afterwards the vertical cutter will be activated. Vertical cutting is done fully automatic (one cut down and up, repositioning and again down and up).
- The placing table can be turned by 90 degrees so that the block can be cut afterwards in the second direction, fully automatic.

Cut blocks have to be placed in further waiting area before final package

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