

## Section 1: Product Specification

### 1.1. Trade name

# LithoPore® Mould SM 1000 LithoPore® Mould Basement SM 1000

### 1.2. Manufacturer

LithoPore Europe GmbH  
Email: [info@lithopore.com](mailto:info@lithopore.com)

### 1.3. Mold System

LithoPore® Mould SM 1000 / LithoPore® Mould Basement SM 1000 is a specifically designed mold for LithoPore® Aerated Concrete - LPAC. Due to the high flowability of LithoPore® Aerated Concrete - LPAC the LithoPore® Mould SM 1000 is equipped with specific long lasting gaskets, to avoid major leakage and product loss and to ensure a constant filling height during hardening period of LithoPore® Aerated Concrete – LPAC.

The specific mold design is therefore reducing the risk of cracks caused by volume loss and leakage during the hardening time.

LithoPore® Mould SM 1000 is equipped with a quick release with threads to assemble and dis-assemble the four sides in a short time. For assembling and dis-assembling 2 (two) operators are recommended.

As after cutting LithoPore® Aerated Concrete – LPAC remains on LithoPore® Mould Basement SM 1000 a plant shall usually have the same quantity of LithoPore® Mould Basement SM 1000 in addition referred to the quantity of LithoPore® Mould SM 1000.

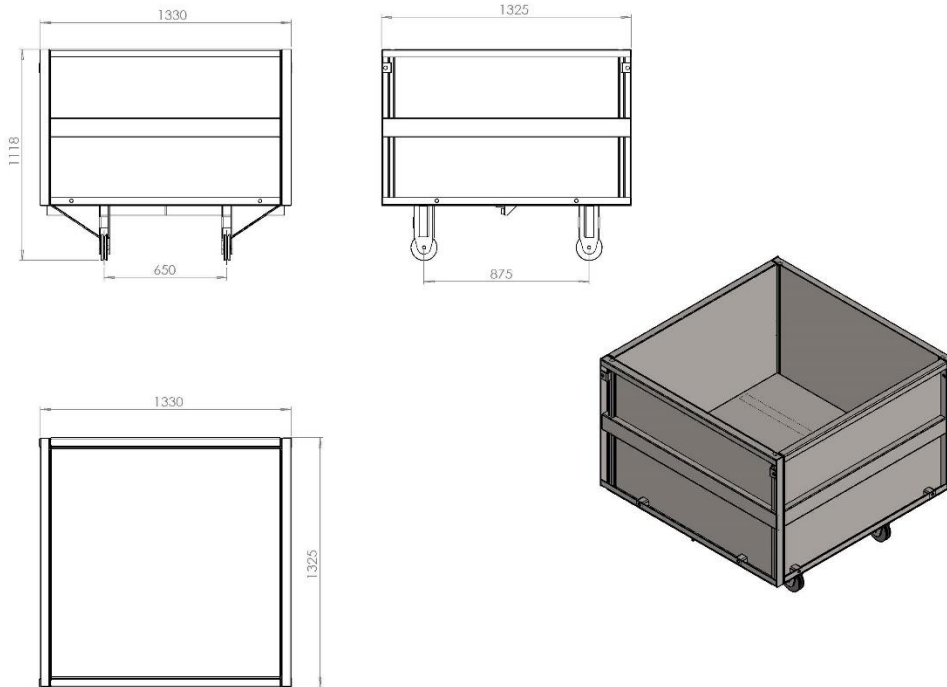
### 1.4. HS code

8479 8997

**Section 2: Technical Data**

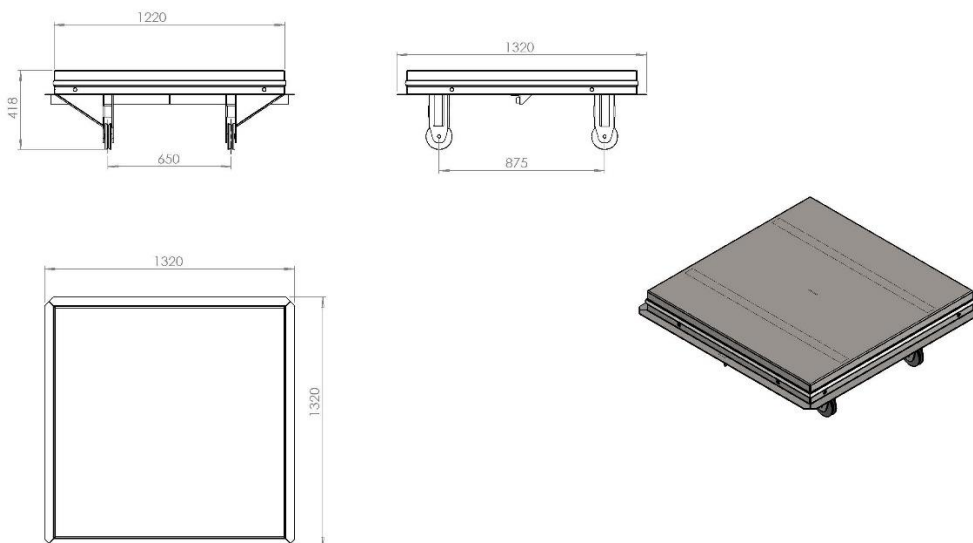
**2.1 Dimensions**

**Mold**



Weight: 260 kg

**Mold Basement**



Weight: 110 kg

**Internal**

1220x1220 mm, height 700 mm

**External**

without quick release

1330x1325 mm, height 1118 mm

with quick release

1394x1394 mm, height 1118 mm

**2.2 Volume**

**Maximum Volume**

(based on 1220x1220 mm and 700 mm filling height)

**V<sub>Maximum</sub>: 1041.88 liter**

**Realistic Volume**

(based on 1220x1220 mm and 620 mm filling height)

**V<sub>Real</sub>: 922.81 liter**

**Effective Net volume of blocks after cutting**

(based on 1200x1200 mm, height 600 mm)

**V<sub>Effective net</sub>: 864 liter**

**Section 3: Application**

**LithoPore® Mould SM 1000 / LithoPore® Mould Basement SM 1000** is only suitable for being filled by LithoPore® Aerated Concrete – LPAC at intense wet mixtures with wet densities between **200 and 1500 kg/m<sup>3</sup>** (ready mixed material) with a maximum grain size of the raw materials less than 2 mm.

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.