



## Section 1: Product Specification

### 1.1. Trade name

# LithoPore® Silo System TT44

### 1.2. Manufacturer

LithoPore Europe GmbH

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The **LithoPore® Silo System TT44** is a component of the whole **LithoPore®** plant concept. It consists out of the following components:

#### **Silo**

The silo is manufactured in that way, that it is fitting in two parts into a standardized 40 foot oversea container. Installation can be done easily at site. The height of the basis / structure depends majorly on the height of the respective mixing and dosing tower **LithoPore® Station 1500-6000**

#### **Filter**

The filter surface will be adjusted to the specific dry raw material of each silo. The filter can be placed on top of the silos or alternatively also on the ground. The standardized version is the one on top of the silos.

#### **Screw conveyor**

A screw conveyor will connect the silo with the respective weighing scale of the **LithoPore® Station 1500-6000**. The capacity is flexible and will be chosen in accordance to the overall system's requirements.

#### **Basis / structure**

The basis / structure depend on the whole plant layout and are subject to adjustments.

## Section 2: Technical data

**Silo**

Type:	TT 44 (telescopic type)
Capacity:	44 cubic meters
Raw material types:	cement, fly ash, lime any further dry and fine material (below 100 µ particle size)
<b>Dimensions</b>	
Standard Height:	15.15 m
Diameter bottom part, four rings:	2.18 m
Diameter upper part, three rings:	2.07 m
Weight:	3500 kg
Level indicators:	2 pcs inclusive alarm on control panel
Voltage:	400 V, 50 Hz
Special features:	Flow control system with compressed air for permanent raw material flow to avoid interruptions of material flow.

**Filter**

Type:	depending on the respective dry raw material
Power:	depending on type
Voltage:	400 V, 50 Hz
Special features:	self-cleaning system

**Screw conveyor**

Type:	depending on the type and quantity of the respective dry raw material and used weighing scale of the <b>LithoPore Station® 1500-6000</b>
Power:	depending on type
Voltage:	400 V, 50 Hz
Storing / operating temperature:	+5°C to +60°C

**Section 3: Application**

The **LithoPore® Silo System TT44** is only suitable for the **LithoPore®** plant concept. It is not sold separately..

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