

Technical Data Sheet - USLPore® Silo System

TT44

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Product specification

1.1. Trade name: **USLPore® Silo System TT44**

1.2. **Manufacturer / Supplier**

USLPore Europe GmbH

info@uslpore.com

1.3. **Description / Components**

The USLPore® Silo System TT44 is a component of the whole **USLPore®** 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 **USLPore® Plant**

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 **USLPore® 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.

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)

Dimensions

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 USLPore® Plant 1500-6000
Power:	depending on type
Voltage:	400 V, 50 Hz
Storing / operating temperature:	+5°C to +60°C

Application

USLPore® Silo System TT44 is suitable for the **USLPore®** plant concept.

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