

Technical Data Sheet - USLPore® Sand Bunker System (SBS)

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Product specification

1.1. Trade name: USLPore® Sand Bunker System (SBS)

1.2. Manufacturer / Supplier

USLPore Europe GmbH

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The **USLPore® Sand Bunker System (SBS)** is an optional component for the **USLPore® Plant 1500-6000** series. It is essential whenever fly ash or other fine sized dry raw materials through silo-dosing is not available and fine sized sand has to be used for the production of USLPore® Aerated Concrete.

Fine sized sand as a filler can be also used in addition to fly ash or other fine sized dry raw materials.

The **USLPore® Sand Bunker System (SBS)** is basically equipped with one bunker (optional also 2 or more) for dry raw materials. The bunkers contain also a weight control system to precisely calculate the needed quantity of each dry raw material for the respective mix design in combination with the general control panel of the **USLPore® Plant 1500-6000**.

The **USLPore® Sand Bunker System (SBS)** is controlled separately through the software of the **USLPore® Plant 1500-6000**

A specific system is extracting the sand of the bunker, a horizontal belt conveyor system is transporting it to an elevator. With the elevator the sand will be transported vertically into the weighing system. Finally the sand is discharged directly batch by batch into the **USLPore® Plant 1500-6000**.

Technical Data

Type:	BS 5-15 h
Capacity:	5-15 m ³ as per customer request
Bunkers:	1 (several optional on request)
Raw material types:	sand, any further dry and fine materials (above 200 µ particle size)
Total power:	approx. 17 kW
Voltage:	400 V, 50 Hz
Motor extractor system:	3.0 kW
Motor belt conveyor:	3.0 kW
Motor elevator:	3.0 kW
Motor: sand scale screw:	7.5 kW
2 x motor vibrator:	2x 0.18 kW = 0.36 kW
Storing / operating temperature:	+5°C to +60°C

Application

USLPore® Sand Bunker System (SBS) is suitable to be installed in combination with the **USLPore® Plant 1500-6000**.

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