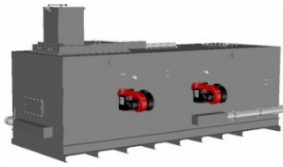


# We are bidding the new STATE OF TECHNOLOGY

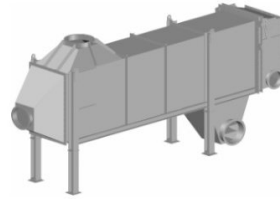
*It's time for change!*

*"Everything should be made as simple as possible, but not simpler."*

*Albert Einstein*



Combustion furnaces



Flue gas coolers and other systems and components  
Product details



Filter plants



## Silos for dry-scrubbing solvent and filter ash

### Functionality

Silos for dry-scrubbing solvent and filter ash are always filled from above and emptied from below.

During tapping, a funnel is formed by the outlet nozzle at the bottom, into which the filling substance from the different filling layers runs and exits again as a mixture of product quantities filled into the silo earlier and later.

Therefore, the silo size must always match the plant!

Especially for the dry-scrubbing solvent, it is absolutely necessary to avoid carelessly removing from below in case of silo falsification. In the case of incorrect filling, it can make sense to remove the incorrectly loaded product from the top of the silo using a suction cup. Depending on the material, a valve (e.g. a gate valve) or a mechanical conveyor (e.g. a screw conveyor) is used for removal.

### Removal systems

1. Valve for filter ash silos
2. Screw conveyor for dry-scrubbing solvent silos

### Silo models



#### Silo 5M3 type S or A

Volume: approx 5 m<sup>3</sup>

Diameter: 1,2m

Silo height: approx. 4.8m

**Type S:** Dry-scrubbing-solvent silo

Outer dimensions feet: 1,50 x 1,50m

Empty weight including steel

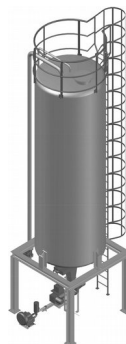
construction: 1.3t\*

**Type A:** Filter ash silo

Outer dimensions feet: 2,60 x 1,50m

Empty weight including steel

construction: 2.0t\*



#### Silo 12M3 type S or A

Volume: approx 12 m<sup>3</sup>

Diameter: 1,8m

Silo height: approx. 5,0m

**Type S:** Dry-scrubbing-solvent silo

Outer dimensions feet: 2,00 x 2,00m

Empty weight including steel

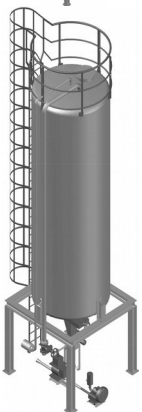
construction: 1.8t\*

**Type A:** Filter ash silo

Outer dimensions feet: 2,60 x 2,00m

Empty weight including steel

construction: 2.8t\*



#### Silo 18M3 type S or A

Volume: approx 18 m<sup>3</sup>

Diameter: 2,0m

Silo height: approx. 6,0m

**Type S:** Dry-scrubbing-solvent silo

Outer dimensions feet: 2,20 x 2,20m

Empty weight including steel

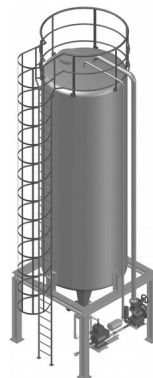
Construction: 2,2t\*

**Type A:** Filter ash silo

Outer dimensions feet: 2,60 x 2,20m

Empty weight including steel

construction: 3.4t\*



#### Silo 20M3 type S or A

Volume: approx 20 m<sup>3</sup>

Diameter: 2,2m

Silo height: approx. 5,5m

**Type S:** Dry-scrubbing-solvent silo

Outer dimensions feet: 2,40 x 2,40m

Empty weight including steel

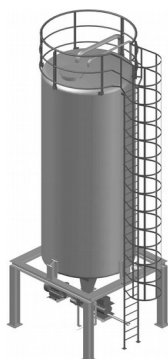
Construction: 2,5t\*

**Type A:** Filter ash silo

Outer dimensions feet: 2,60 x 2,40m

Empty weight including steel

construction: 3.7t\*



#### Silo 22M3 type S or A

Volume: approx 22 m<sup>3</sup>

Diameter: 2,4m

Silo height: approx. 5,2m

**Type S:** Dry-scrubbing-solvent silo

Outer dimensions feet: 2,60 x 2,60m

Empty weight including steel

Construction: 2,5t\*

**Type A:** Filter ash silo

Outer dimensions feet: 2,60 x 2,60m

Empty weight including steel

construction: 3.8t\*

The pictures showing dry-scrubbing solvent silos with screw conveyors and side channel blowers.

\* Weight without valve for filter ash silos and weight without screw conveyor for dry-scrubbing solvent silos

### Please note

We offer our silos exclusively for our own plants and they are always adapted to the corresponding product SICF/SICF-S 200-1000 and the process of the plants.

Subject to change.

Sample data only.

Changes to individual parameters can affect all values!