

THE A.B.S. Flexilo FLAT BOTTOM

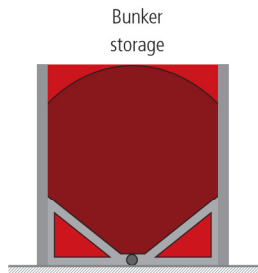
The space wonder of pellet storage – the perfect full space solution

Between 80 and 90% of the pellet storage room is utilised with the flat bottom silo from A.B.S.

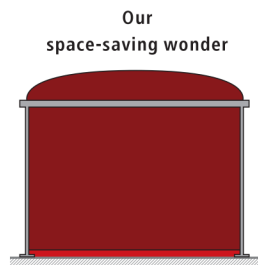
This means that the wood pellets are stored perfectly and in a space saving manner – even in rooms with low ceilings.



DIN-Certificate Registration numbers: 8L002, 8L003, 8L005

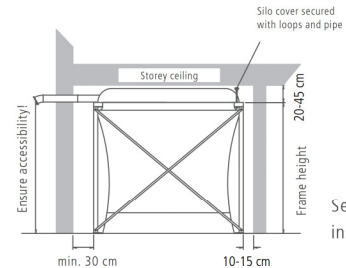
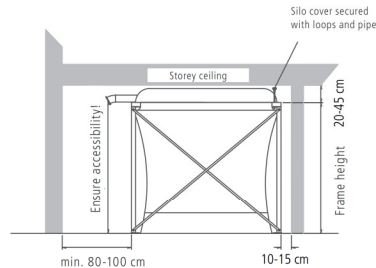


Unused space

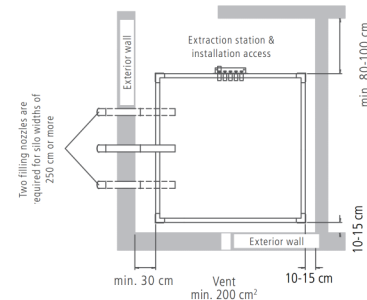
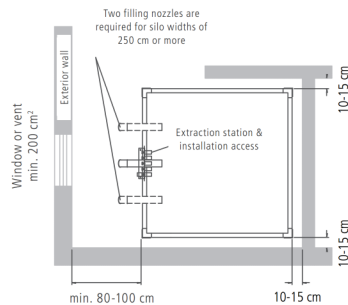


Almost full utilisation

Installation example Flexilo FLAT BOTTOM



Section silo installation



Layout silo installation

SPECIAL FEATURES

The assembly entrance is useful during assembly and for maintenance. It makes it easier to clean the silo from inside and remove residues.

For easy access, the drawing irons can be removed. With the manual discharge, the wood pellet heating systems or fireplaces can also be fed by hand.

In addition to standard sizes, special designs with custom footprint and height are possible, enabling individual solutions for each room.

Assembly entrance

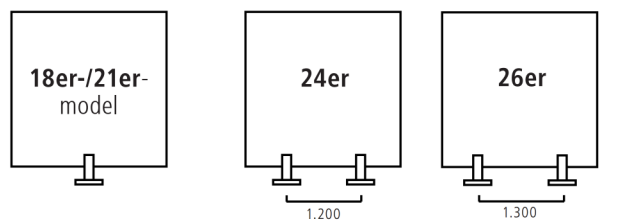


Manual removal



THE A.B.S. FLEXILO FLAT BOTTOM

POSITION OF THE FILLING PIPE:



Centred

One filling nozzle
models 18er-/21er

Distance between the filling nozzles (pipe centre to pipe centre)

Two filling nozzles
models 24er/26er

SCOPE OF DELIVERY:

- Silo bag with sewn-in impact wall
- Galvanized steel frame as plug-in system including assembly material
- Filling system, standard position is lateral. Delivered with Storz A as standard. In case you require a different coupling, the price must be adapted
- Removal: 5 suction probes, manual switching unit* and suction hoses inside
- Supporting structure for silo cover (½" pipe galvanized should be provided by the customer)
- Assembly instructions

* Switching is done manually at regular intervals – an automatic switching unit by the boiler manufacturer can possibly be used. Please mention this in your enquiry.

TECHNICAL INFORMATION

Bulk weight wood pellets: 0,65 t/m³

The volume indications are calculated values. Filling volumes depend on filler and installation situation (e.g. installation of filling pipes). Discharge is performed over 5 suction probes. These can be

further reduced manually by levelling or collecting the goods at the suction probes. The amount of residue is about: 13% for size 18; 15% for size 21; 17% for size 24; 18% for size 26. Deviations when using special sizes or less than 5 suction probes.

PRODUCT OVERVIEW Flexilo FLAT BOTTOM

	Flat bottom silo 18	Flat bottom silo 21	Flat bottom silo 24	Flat bottom silo 26
Item no.	HP-FB18	HP-FB21	HP-FB24	HP-FB26
Dimensions [L x B x H in mm]	1900 x 1900 x 1900	2200 x 2200 x 1900	2500 x 2500 x 1900	2700 x 2700 x 2000
for room height [m] *	2.1 to 2.4	2.1 to 2.4	2.1 to 2.4	2.2 to 2.5
Volume [m ³]	5.2 to 7.0 m ³	7.2 to 9.7 m ³	9.5 to 12.8 m ³	11.8 to 15.7 m ³
Tonnage **	3.4 to 4.6 t	4.7 to 6.3 t	6.2 to 8.3 t	7.7 to 10.2 t
Discharge	5 suction probes with manual connection unit + manual extraction			
Shipment: 5 suction probes, manual switching unit, access and manual discharge unit, suction hoses inside				

* Distance from the upper edge of the framework to the ceiling min. 20 cm, max. 50 cm. Adjustment of height for balancing. Further heights of frameworks can be manufactured on request.

** By extraction with 5 suction probes a remaining quantity can be left over in the silo. This remaining quantity can be further reduced manually by planish or collect on the suction probes. The remaining quantities are approximately: 18 - 13%; 21 - 15%; 24 - 17%; 26 - 18%

*** Two filling nozzles for a better filling degree

Freight costs: on request! The prices are to be understood ex works, without VAT

Delivery: 2 - 3 weeks after receipt of order and clarification of all commercial and technical details



IMPORTANT

In the planning stage, please observe information provided in the chapter "Requirements for the installation site", page 3
Please observe the current Firing Ordinance applicable in your country

NEW

ACCESSORIES **Flexilo FLAT BOTTOM**

The A.B.S. **AIRBAG** was developed especially for the **Flexilo FLAT BOTTOM** and increases the usable storage volume even further. **And this is how it works:** Inside the fabric silo there is an airbag. When the fuel supply is nearing its

end, the airbag can be inflated with a conventional air blower. This pushes the remaining pellets towards the suction probes, which are installed in the bottom corners of the final storage.

A.B.S. Airbag

Item no.: HP-AIR18

for Flexilo FLAT BOTTOM HP 18

A.B.S. Airbag

Item no.: HP-AIR21

For Flexilo FLAT BOTTOM HP 21

A.B.S. Airbag

Item no.: HP-AIR24

For Flexilo FLAT BOTTOM HP 24

A.B.S. Airbag

Item no.: HP-AIR26

For Flexilo FLAT BOTTOM HP 26

A.B.S. Airbag

Item no.: HP-AIR-ZNE

for subsequent installation

The prices are to be understood ex works, without VAT



HIGHLIGHTS

- Easy to operate - ready for action in just a few simple steps
- Perfect for retrofitting as well

SCOPE OF DELIVERY

- Airbag
- Air blower
- Mounting material
- Assembly instruction

