



Always the right  
**PELLET STORAGE**

**A.B.S. Flexilo**

Flexible dimensions & simple to fill





Customer feedback  
about our silos



## PRACTICAL FABRIC SILOS OF A.B.S.

### Suitable for any application

A.B.S. designs optimum silo solutions while giving due consideration to the boiler and discharge requirements as well as the spacious situation.

All silo models are made of a very strong high-tech fabric, specifically adapted to the requirements of storing wood pellets. This special fabric is dust-tight and has long-lasting anti-static properties.

In addition, the Research Institute from Hohenstein has accredited the fabric with having sevenfold safety as part of a tearing-strength test.



### Flexilo STANDARD

The classic design with cone-shaped fabric outlet guarantees safe pellet discharge and can be combined with nearly any extraction unit. In the high power range we recommend **Flexilo** as cascade solution. Here several **Flexilo** are connected with a continuous spiral.

### Flexilo ECO

The **Flexilo ECO** is now also available in a robust frame made of wood – a natural, renewable resource. To meet the high requirements for the support frame, the A.B.S. engineers decided to use structural timber made which is manufactured using state-of-the-art processes.

### Flexilo MAXI

Pellet storage up to 50 m<sup>3</sup> - With the **Flexilo MAXI**, the storage of an entire silo truck with reserves is possible. The silos are made of high-strength exclusive fabric, tried and tested over many years in industrial use.

## SIMPLE INSTALLATION

For example a **Flexilo STANDARD** without cone holding frame. The well thought-out connection system guarantees very short installation times.



Assembly video:  
[www.abs-silos.de/video](http://www.abs-silos.de/video)





The **quality mark** from the certification body confirms to A.B.S. customers that the quality of the wood pellets is ensured through best possible storage.



For applications with corresponding zoning, we also comply with the **ATEX** directives, providing more safety in the field of explosion protection with our products.

HOHENSTEIN ●

The fabric used for the pellet silos regularly undergoes material testing for mechanical strength. The **HOHENSTEIN INSTITUTE** gives the A.B.S. fabric the mark of absolute breaking strength.



To achieve the best result, you should use quality pellets in accordance with EU Standard **EN 17225-2** and **EN plus** or in accordance to the DIN-plus certificate.



## Flexilo OUTDOOR

The waterproof silo for outdoor areas. The galvanized steel construction and the coated polyester fabric casing make the silo weather resistant. The A.B.S. developers have adapted the design to allow air to circulate between inner silo and weather protection.



## Flexilo TROUGH

**TROUGH** silos have the same advantages of the **Flexilo** but have a design which resembles rather that of a bunker with inclined floor. Compared to bunker storage, trough silos are a cost-effective and time-saving alternative.

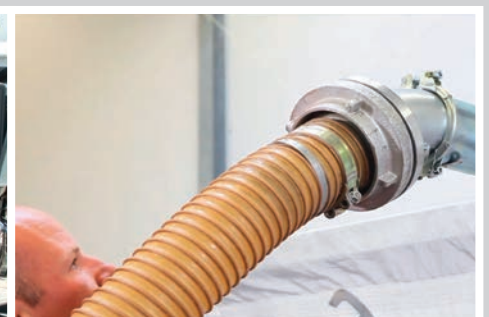


## Flexilo SPRING

The **FLEXILO SPRING** from A.B.S. is the intelligent further development of a lifting silo. The innovative design achieves a very high storage capacity on the smallest surface possible. This means no space is wasted in your storage room. The tension springs which are attached to the silo cone guarantee a reliable discharge.

## SIMPLE FILLING

The wood pellets are delivered by a silo truck and blown into the flexible pellet storage facility.





## ADVANTAGES OF FLEXIBLE SILOS

- Made of a very strong high-tech fabric that has been tested over many years in industrial applications
- 7-fold safety for seams and fabric. The tensile strength of our specialized fabric was examined by the Hohenstein Institute
- Top operational safety thanks to DIN-tested quality\*
- Filling level clearly visible
- Simple to fill, with a nearly dust-free filling process
- No build up of condensation water in the event of temperature fluctuations
- Easy and fast installation. In contrast, a bunker system would take two days to install while incurring additional costs for structural calculations, materials, vapour barrier, insulation and dust-tight lagging for the bunker.
- Easy and low maintenance
- Individual filling and discharge possibilities
- Space-optimised, i.e. produced according to the dimensions you specify either in square or rectangular design

... and fast delivery



### Flexilo MODULE

It is specially designed for spaces with low ceilings starting at 1.80 m in height and offers up to 60% more filling volume with the same floor space as that of a classical silo design.

### Flexilo FLAT BOTTOM

Between 80 and 90% of the pellet storage room is utilized 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 cramped rooms with low ceilings.

### Flexilo MINI

**FLEXILO MINI** is ideal for homes which cannot be accessed by a pellet tank truck or for heating systems with a low pellet demand. As a standard, **FLEXILO MINI** is open at the top and can therefore be filled with pellet sacks very easily. The wood pellets are extracted either by means of a suction box or a screw box. Thanks to tried and tested pipe connectors, you can install the silo in record time.



## NEW! The A.B.S. silo finder

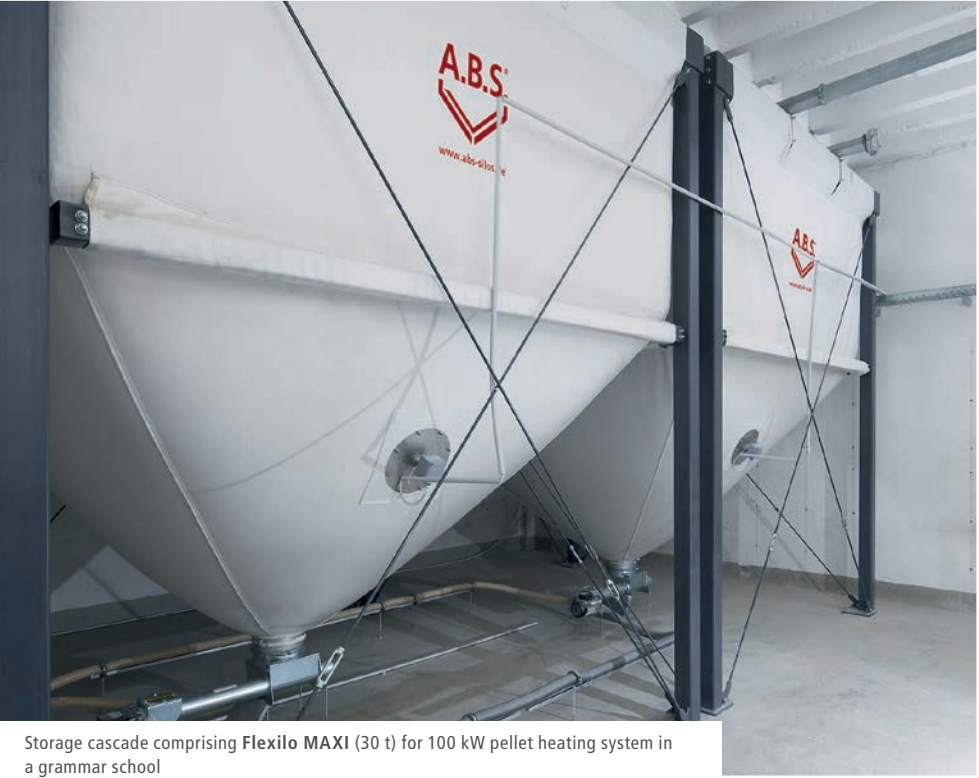
You are looking for a suitable silo and are not sure which one is the right one for your needs?

Our silo finder will help you choose the ideal silo. Just open our app on your smartphone and enter your requirements: [www.abs-silos.de/app](http://www.abs-silos.de/app)



# REALISED STORAGE SYSTEMS

Find Solutions which stand the test. Be proactive and think ahead. These are our Forces – since more than 33 years



Storage cascade comprising Flexilo MAXI (30 t) for 100 kW pellet heating system in a grammar school



Two Flexilo STANDARD in a garret



Flexilo MODULE with 4 discharge units in a boiler room



Our own boiler with Flexilo MAXI in our company



References  
on the web



## A STRONG TEAM WITH MORE THAN 33 YEARS OF EXPERIENCE

More than 70,000 A.B.S. silos installed worldwide give you the safety of having found a competent partner for your project. As experts for flexible silo systems, our team knows exactly what is important!

## OUR MEMBER ASSOCIATIONS

**DEPV** Deutscher Energieholz-  
und Pellet-Verband e.V.

**DEPI** DEUTSCHES  
PELLETINSTITUT



A.B.S. AS APP:  
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