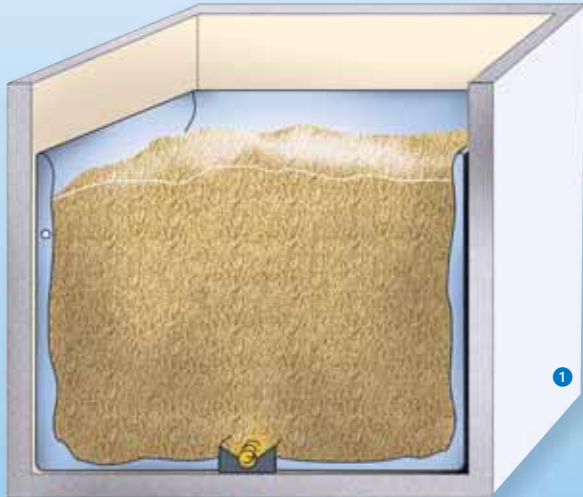


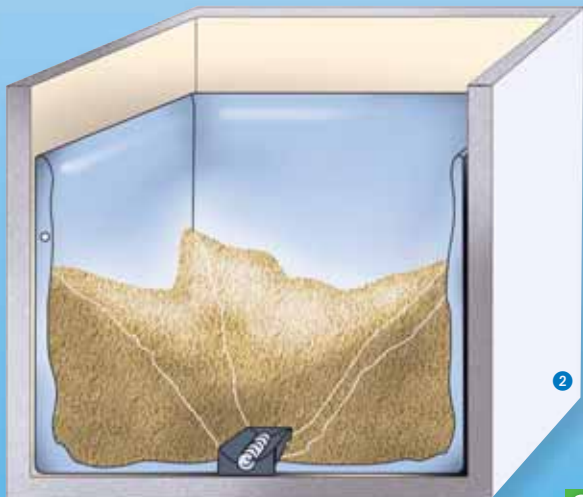
BioEnergieTeam-Chippings- Airbag



Gain space and save cost.

The new bunker-airbag technology significantly decreases the space required for storing wood chippings. A footprint of 2 sqm and a height of 2.5 m, for example, will suffice for storing 2 tons of wood chippings. No other storage method can achieve as much.

Even while planning your new house, you should consider that each square meter of usable space that you do not need will save you up to 2500 Euros in building costs. The Bunker-Airbag is a storage system that will pay for itself quickly!



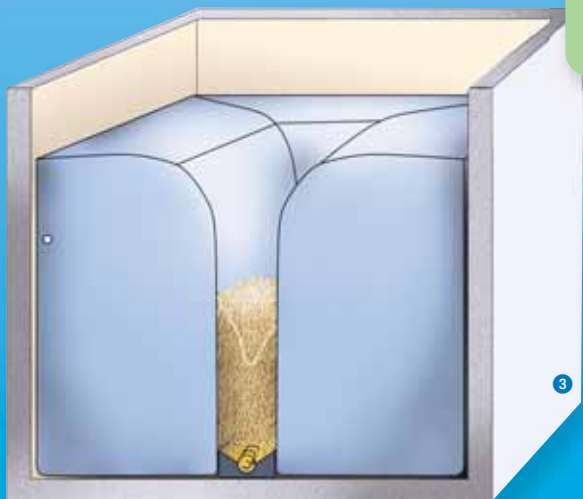
The advantages of the Bunker-Airbag are clear:

When it is filled, you are using the complete storage space (1) down to the ground. The airbag material serves as insulation from the brickwork and ensures that the wood is stored dry and safe. When the bunker is emptied until the chipping collector no longer collects any chippings (2) the bunker airbag is used. A blower will introduce the air required to inflate the airbag. This air will suffice to fill the chipping collector with the remaining chippings (3).

This system saves space and building cost.

It can be installed easily and more quickly than the usual bunkers with slanted floors.

Customising the airbag to your storage room size is free of cost.



i storage space requirement

- 1 kW heating load – 0.9 m³ storage space, including empty space due to slanted floor for bunker storage.
- 1 kW heating load – 400 kg wood chippings
- 1 m³ storage space – 650 kg wood chippings



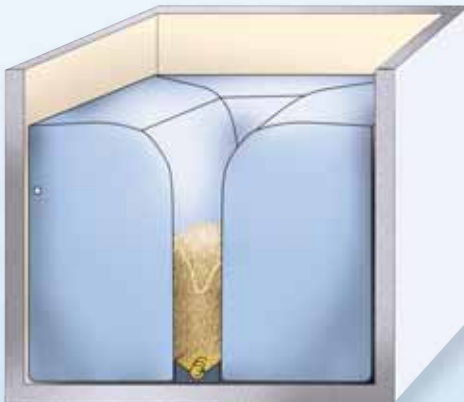
Fresh water technology

► Biomass heating systems

Heat pumps

Solar Energy

BioEnergieTeam-Chippings- Airbag



Advantages

- More usage and living space
- Customisable for your storage space
- Compressor with vibration-dampening rubber feet
- Can be installed quickly
- Safe due to the precision pressure control
- Universal use compressor

Technical Data

Material: High strength polyester branded yarn, surface-sealed and coated with PVC on both sides

Dimensions (L x H x W) 420 x 220 x 440 mm

Compressor engine power 1,1 kW, 230 V

Chipping collector with screw conveyor

Unparalleled flexibility is achieved by the core-less screw conveyor (spiral)



Suction system

The Evotherm chipping suction system can be combined with all storage systems introduced here and makes the place where you want to store your chippings entirely your own choice. You can have the chippings sucked in through a hose from a distance of 15 m from your Evotherm boiler.



Storage alternatives:



Bunker Storage



Fabric Silo



Chilling Monolith

Bunker Storage: With the chipping collector (collection unit), the Evotherm automatically takes the required fuel volume from a storage room with a slanted floor. The moving dosage plate ensures exact chipping dosage and reliable transport from the storage room. The flexible screw-conveyor takes the fuel safely and easily to combustion. The powerful DC-motor also saves electrical power! The flexible screw-conveyor offers best freedom for planning and installing your new wood chipping heating system!

Fabric Silo: The prefabricated storage solution! The tear-proof and sustainable polyester fabric is dust-proof and airtight. It can be installed quickly in storage silos. The Pelletec uses a flexible screw-conveyor to collect the required volume of chippings. Fabric silos with a capacity of 2 to 6 tons are usual for normally basement-damp walls. However, the fabric must not be applied to damp, wet walls. When the fabric tank is set up outside, it must be protected from rain and UV radiation. The lifting capacity must be able to achieve a point load of at least 1500 kg.

Monolith Chilling Silo: With this specially constructed concrete tank, the storage space can be placed in the ground near the house. Because the tank is very robust, it can even be placed under the driveway area!

The information is subject to change.



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Fresh water technology

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