



One for all. *Sun Pellet Mole*

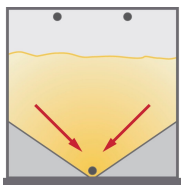
The extraction system for your wood pellet store

Space-saving. Versatile. Reliable.

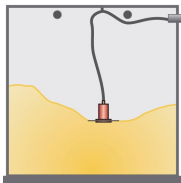
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Sun Pellet Mole:

Reliable fuel dispensing and maximum storage capacity



Passiv: Pellets rutschen zur Entnahmestelle und werden mechanisch beansprucht.



Aktiv: Die Entnahmestelle bewegt sich zu den Pellets und schont das Material.

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Passive:

Pellets slide to the extraction point, undergoing the effects of mechanical stress.

Active:

The extraction point moves to the pellets, keeping them intact.

The clincher: extraction of wood pellets from above.

Whoever decides on a wood pellet heating system also needs a storage room for the wood pellets. Many storage opportunities are based on the principle of the "passive" extraction: the pellets slide to the point of extraction. Stores with slopes are necessary for this, which need the space dedicated to storage.

The mole principle is the reverse of the traditional extraction principle, in which the pellets are extracted from the deepest point. The European patented Sun Pellet Mole turns this principle on its head, sucks the wood pellets from the top and "feeds" the boiler.

The Sun Pellet Mole works in the store from top to bottom, migrates along the slopes and empties the store. This does away with the need for built-in inclines. The Sun Pellet Mole is the extraction system for all the usual storage options. It is suitable for boiler systems with pneumatic pellet feeding.

Extracting from above guarantees reliable dispensing of the fuel into the boiler. This is decisive for the heating system to operate perfectly.

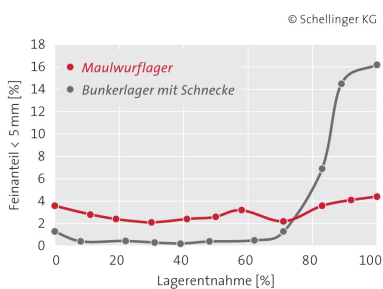
Because of the active extraction from above, there are numerous advantages over the traditional extraction techniques.

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Advantages for everyone:

The Sun Pellet Mole for homeowner and heating engineer

Can be used universally:
whether in the mole tank, in the
prepared cellar room or in the
underground tank: the mole
plays off its numerous benefits
wherever it is used.



Low pellet segregation and
amount of fine material. This
avoids disruptions to the supply
system and in combustion.

Space-Saving

Extraction from above does away with run-out slopes. This frees up to 50% more storage space. So even rooms with a height as low as 200cm can be used as a storage room.

Keeps Pellets Intact

By extraction from above, the pellet supply is only moved a little. The extraction is gentle on the pellets and operates reliably. Error-free combustion is guaranteed.

Reduces Costs

Thanks to the optimum use of space, the useful volume increases and the costs of the pellet store are lowered.

System Compatible

The mole is suitable for and has been tested in all leading pellet boilers and vacuum systems. An approved list of boilers can be found at:

www.schellinger-kg.de

Easy to Fit and Maintain

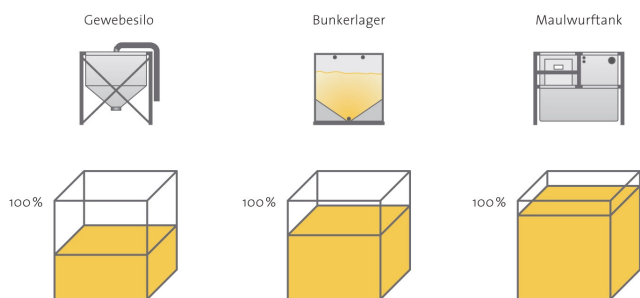
For commissioning, the mole can be fitted in a few easy steps. Due to its clever construction, it is very low maintenance. If you need to service it, simply remove from the store.

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Sun Pellet Mole and Mole Tank: A Strong Team

The Mole Tank has been developed in association with the patented Sun Pellet Mole - the pellet store system with the best use of space of all storage techniques: the ingenious combination for space-saving and dust-free pellet storage in the house.

The mole tank is made of a special fabric that is both dust-tight and air permeable. The mole extraction system is integrated into the mole tank, so that the mole tank stands on the floor without run-out slopes. The watertight base tub guarantees that the pellets are kept dry.



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Fabric silo

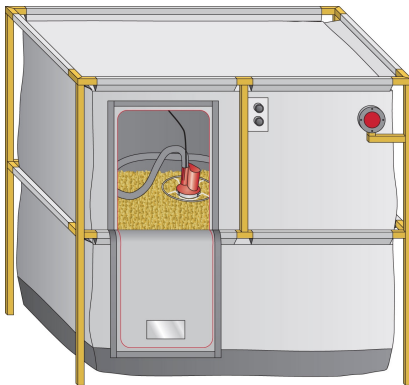
Prepared cellar

Mole tank

Optimum use of space by the combination of sun pellet mole and mole tank.

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Everything included: the mole tank for your pellets



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Integrated impact protection mat / Access and maintenance hatch /
Sun Pellet Mole extraction system / Pellet dispensing line /
Filler neck / Air feedback system / Dust-tight fabric / Watertight base tub

Comfortable and Economical Storage

To set up a mole tank, no additional preliminary measures have to be taken or rooms prepared for the storage. All filling and extraction systems including the mole are contained in the scope of supply.

Dust-Tight

A durable special fabric ensures that the cellar room remains free of dust. You can avoid sucking in air when filling, as the fabric is dust-tight but air permeable.

Large Maintenance Hatch

The interior of the mole tank is easy to access, servicing work can be carried out easily. It is easy to check the pellet supply and if needed, it can be filled up easily from sacks.

Quick and Easy to Fit

The mole tank stands on the floor. It is not the framework of the tank but the floor that carries the weight of the wood pellets. This development allows a light frame that is quick and easy to fit.

Recommended store size:
annual requirement plus 20%
spare

For a new construction:
400kg of pellets per kW of heat
load

For renovation:
2 tonnes of pellets per 1000 litres
heating oil consumption

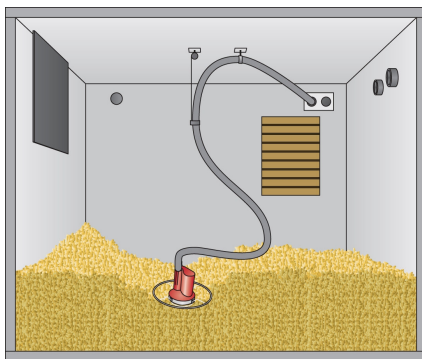
The Mole Tank can be obtained in the following designs:

Mole Tank	Small	Medium	Large
Effective capacity* room height 215cm [tonnes]	3.7	5.0	6.7
Area [cm x cm]	197 x 197	223 x 223	254 x 254
Height [cm]	205	205	205

* Quantities are determined by filling tests and are also dependent on filling technique and pellet quality

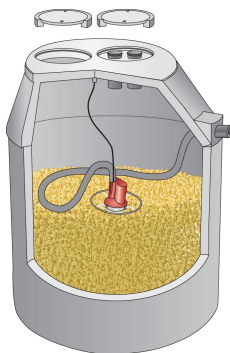
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For any quantity of pellets: The Mole in the cellar or underground



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- Safety valve
 - Impact protection mat
 - Ladder & hatches
 - Filler neck
 - Pneumatic pickup
- Sun Pellet Mole extraction system
Wood pellets



© Schellinger KG

- Pneumatic pickup
 - Filler neck
 - Access and maintenance hatch
- Sun Pellet Mole extraction system
Wood pellets

Space-Saving, Uncomplicated Pellet Storage in Prepared Cellar Room

In houses in which to date an oil heating system provided heat, the storage is traditionally provided in the cellar room. Often the room in which the oil tank is situated can be planned as a new pellet storage room. By installing the Sun Pellet Mole, you can do without the slopes which have been normal until now. This gains valuable storage space.

For the use of the mole, the room should be designed square and – so that the wood pellets can be optimally extracted – not exceeding a height of 2.50m. Larger rooms may be adapted accordingly.

Dust-Free Storage in the Underground Tank which Adds Space

Instead of storing the supply of pellets in the cellar, the wood pellets may also be stored underground in a pellet store from Mall GmbH and accommodated invisibly next to the house. Even in this round container made of reinforced steel, the Sun Pellet Mole is used to its many advantages.

With this development, pellets can now be reliably stored in an underground tank. The Mall pellet store is supplied ready to connect up and use, and is transferred directly from the crane.

As particular preparations are necessary for a pellet store in a cellar, these should be discussed with an experienced heating installation engineer.

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Our Services:

> Production

Future-proof ecological energy supply with wood pellets from the region

> Logistics

Reliable delivery service for end-users, communes and industry

> Development

Patented wood pellet storage technology, planning and consultation on pellets and storage technology

If you have any further questions, please do not hesitate to contact us.

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