Storage technology for wood pellets. *Price list.*

Pellet Mole® Classic

Mole Tank

Pellet Mole E3

Accessories

Vaild from: 29.02.2024

Prices INCLUDE delivery to a regular UK address

Schellinger *

Index:

A strong team: Pellet Mole® and its partners
Approval list at www.schellinger-kg.de

Pellet Mole Classic

Store Pellets in the Smallest Space: The Pellet Mole® Classic has proved itself over many years as a space- and material-saving, reliable pellet extraction system for a prepared cellar space or as integrated into the Mole tank.

Area of Application:

✓ Storage rooms with as square as possible a floor area up to 250 cm x 250 cm

✓ Stores with a room height of between 1.70 m and 2.50 m

✓ Store sizes up to 12 t filling capacity

✓ Storage rooms with a volume of up to 18 m³

✓ Boiler powers up to 40 kW

Tip: Rooms with a larger or more elongated floor area may be adapted by sloping it to the required size.

Product	Item number	Price £
Pellet Mole Classic BA	**45224**	**1,282**

Scope of delivery:

- *Pellet Mole* device with electric drive
- 5 m flexible, anti-static suction hose + rubber cable H05RRF 4G0 and IP 67 connector
- Storage wall duct with two ports for suction and return air hose, DN 50 on the inside (for wall thickness up to 24 cm)

- Range of small parts

Technical data:

Weight:	4 kg	Input voltage:	230 V AC 50 Hz
Height:	270 mm	Performance:	23 W
Diameter:	410 mm	Flow rate:	5-6 kg/min
Hose:	DN 50 mm		
ATEX- device group: II		ATEX-device category: 3D T100	

Pellet Mole Classic HZ	**45135**	**1,368**

Scope of delivery:

- Pellet Mole Classic BA (Item number 45224)
- manual hand hoist (Item number 45550)
    - 2 pulleys and 2 diablo rollers
    - Wire rope with handle
    - 2 special wire fixings
- Complete set of small parts and mounting accessories

The Pellet Mole Classic with manual hoist enables the manual lifting of the mole from outside into the parked position.

Pellet Mole Classic CM	**45310**	**2,151**

Scope of delivery:

- Pellet Mole Classic BA (Item number 45224)
- Mole Comfort Control
    - automatic lifting device
    - comfort control
- Complete set of small parts and mounting accessories

Technical data of lifting module: **Technical data of controls:**

Voltage:	24 V DC	Input voltage:	230 V AC 50 Hz
Power consumption:	500 MA	Output voltage:	24 V DC
Performance:	12 W		
Max. silo height:	3.5 m		

The comfort module automatically brings the mole into the parked position or into the optimum working position.

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Product	Item number	Price £
Pellet Mole Classic KG Filling set straight	**45225**	**1,458**
Pellet Mole Classic KW Filling set 45°	**45226**	**1,503**

Scope of delivery:

- Pellet Mole Classic BA (Item number 45224)
- Impact protection mat
- Item 45225: Filling set straight
- Item 45226: Filling set 45°

The Mole Complete Set Basement Storage includes all of the specific components for filling and removal in the self-built Mole pellet store.

Pellet Mole Classic SA	**45330**	**3,222**

Scope of delivery:

- Pellet Mole Classic BA (Item number 45224)
- Suction System MW EPK
- Suction hose with earth wire DN 50, 20 m role
- Oil flex cable with line connector, 15 m

Technical data:

Weight:	35 kg	Voltage:	230 V AC 50
Hz Dimensions in cm:		65 x 45 x 36	Performance:1650 W(max)
Hose connections: DN 50 mm			

The Mole Basic Kit, including suction system and complete accessories, allows you to combine it with pellet boilers or furnaces without a suction system.

System expansions

Manual hoist

Product	Item number	Price £
Manual hoist, Pellet Mole Classic	**45550**	**113**
Manual hoist, Mole tank	**45551**	**203**

Scope of delivery:

- 2 pulleys and 2 diablo rollers
- Wire rope with handle
- 2 special wire fixings
- Complete set of small parts and mounting accessories
- Item number 45551: special clamps for fixing the diabolo rollers at the frame

Mole and suction hose can be brought into the parking position from outside with the help of a manual hoist via a wire rope and a system of pulleys.

The hand hoist mole can be retrofitted for all versions. Please specify tank version (year of manufacture) when ordering.
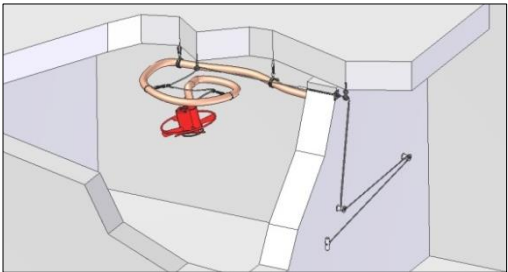
Comfort Module

Comfort module, Pellet Mole Classic	**45501**	**1,008**
Comfort module, Mole Tank	**45502**	**1,008**

Scope of delivery:

- Mole Comfort Control
  - automatic lifting device
  - comfort control
- Complete set of small parts and mounting accessories

Technical data lifting module:
Voltage: 24 V DC
Power consumption: 500 MA
Performance: 12 W
Max. silo height: 3.5 m

Technical data control:
Input voltage: 230 V AC 50 Hz
Output voltage: 24 V DC

Mole and suction hose can be brought automatically into the parking position from outside with the help from lifting module and comfort control.

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Mole Tank

Compact and Comfortable Ready-Made Store The Mole Tank, the best-selling flat-floored silo includes the Pellet Mole Classic and filling pipe for the maximum use of a given space
With flexible and comfortable storage. The light, pre-fabricated steel frame is packed together with the fabric silo, filling pipe and Pellet Mole on a Europallet and can be easily transported. The installer can take the ready-made store through a regular door and build it in just a few hours.

Area of Application:

✓ Rooms with a floor area from 199 cm x 199 cm

✓ Stores with a room height from 1.80 m

✓ Store sizes up to 7.2 t filling capacity

✓ Storage rooms with a volume of up to 14 m³

Product	Floor area in cm*	Height in cm*	Filling capacity in t	Item number	Price £
	189 x 189	205 (Standard)	3,7	46021	3,294
Mole Tank Small	189 x 189	170	2,9	46027	3,168
	189 x 189	190	3,4	46028	3,231
	189 x 189	220	4,0	46029	3.348
	217 x 217	205 (Standard)	5,0	46022	3,402
Mole Tank Medium	217 x 217	170	4,0	46030	3,276
	217 x 217	190	4,6	46031	3,339
	217 x 217	220	5,4	46032	3,465
	248 x 248	205 (Standard)	6,5	46023	3,555
Mole Tank Large	248 x 248	170	5,1	46033	3,429
	248 x 248	190	5,7	46034	3,492
	248 x 248	220	7,2	46035	3,618

* The recommended distance between the frame and wall or ceiling is 10 cm.

Scope of delivery
- Pellet Mole Classic BA (Item number 45224)
- 2 double-wire clamps and 1 hose strip for the hose attachment
- Special fabric (antistatic, dust-proof, permeable to air) with revision or installation opening, waterproof base and impact protection fabric in the supply air area.
- Frame (simple bolt-together system), delivered on a Euro pallet (80 cm x 120 cm)
- Complete set of small parts and mounting accessories

Technical data:

Weight:	4 kg	Input voltage:	230 V AC 50 Hz
Height:	270 mm	Performance:	23 W
Diameter:	410 mm	Flow rate:	5-6 kg/min
Hose:	DN 50 mm		
ATEX- device group: II		ATEX-device category: 3D T100	

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Pellet Mole E3

Up to 50 percent increased filling capacity for large stores! The Pellet Mole E3 provides very flexible storage options for large pellet systems, e.g. in multiple occupancy houses, industrial plants and in small local heating networks. It makes slopes a thing of the past and thus uses the available storage area to a maximum.

Controlled by a sensor-based intelligent control system, the E3 moves in a deliberate fashion over the pellets. Three drive rollers arranged in a star pattern clear the pellet supply in a controlled way, until the store is completely empty.

Area of Application:

- ✓ Stores of various room shapes: round, square, rectangular or asymmetrical
- ✓ Store sizes of between 15 and 50 t filling capacity
- ✓ Storage spaces with an area up to 36 m² or volume of up to 90m³
- ✓ Boiler powers of 40 to 300 kW

Product	Item number	Price £
Pellet Mole E3 HZ	**43350**	**4,788**

Scope of delivery:

- **Pellet Mole E3 Basic Device**
  - Housing with central intake tube for hose DN 50 mm
  - Three driver rollers, with slip-resistant round brushes
  - Wired control system with integrated sensors, ready to be connected
- **Connection box with switched power supply**
  - Inlet for pellet request from boiler
  - Output to device supply
- **Special wire spiral hose**, 8 m
  ready-to-fit including 9 m of electrical cabling and dust-tight cable connector and three spring pulleys for suspension
- **Wall Lead-through** for intake and feedback air hose DN 50 mm including small parts and fitting equipment
- **Fastening Equipment and Small Parts** for fitting the hose
- manual lifting mechanism

Pellet Mole E3 Technical Data:

E3 Basic device including control system:

Weight:	14 kg
Voltage:	24 V DC
Current cons.:	2.5 A
Power:	60 W (max.)
External dimensions in cm: 77x77x77	
Height:	290 mm
Hose:	DN 50 mm
Conveying quantity:	9-12 kg/min

External switched power supply:

Input voltage:	230 V AC 50 Hz
Output voltage:	24 V DC
Power:	120 W

Connection box

Input voltage:	24 V DC
Output voltage:	24 V DC
Input for pellet request:	230 V AC 50 Hz

Commissioning Pellet Mole E3	**51007**	**POA**

Including installation inspection (checking the complete installation system) and commissioning by Schellinger KG. Travel expenses and travel time are charged pro rata.

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Accessories

Mole connection accessories
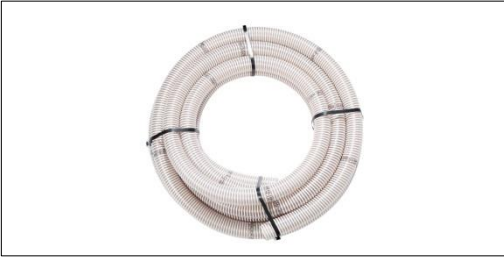
Product	Item number	Price £
Pellet-Suction Hose	**47100**	**328**

Schellinger KG basically recommends the use of a 50 mm pellet suction hose with earth wire for connecting the storage room to the pellet boiler.

Product	Item number	Price £
HD pellet intake hose	**47103**	**437**

Nominal width 50 mm, 15 m roll, highly abrasion-resistant
Spiral hose with flexible earthing lead and abrasion-resistant PU interior coating for high wear resistance.

For the pellet intake line with high pellet throughput (> 10t/year).

Product	Item number	Price £
Set of fire protection sleeves	**47107**	**POA**

4, including fittings, 63 mm interior, with permit

For leading intake and return air line through fire-protection walls (F90), for fitting on both sides.

Product	Item number	Price £
Hose protection mat	**47330**	**POA**

Including aluminium angle rails and small parts
Dimensions 60 x 100 cm, 3 mm thick

As a guide board to protect the mole intake hose, if this is hanging in the filling stream range.

Product	Item number	Price £
Set of pipe clips	**47104**	**POA**

2, including fastenings, 53-58 mm interior

For fixing the pellet intake hose to the ceiling and wall.

Product	Item number	Price £
Set Jaws clamps	**47111**	**POA**

2 pieces., 56-63 mm inside

For mounting pellet suction hose DN 50 on suitable pipe fittings.

Mole connection accessories

Product	Item number	Price £
Pipe reduction	**47105**	**POA**

Including shrink-on hose, from 50 mm to 45 mm internal

For the tight connection of intake hoses DN 50 mm on the connectors for hoses DN 45 mm.

Oil flex cable	**47300**	**POA**

15 m, with Mole line connector

Connection cable with dust-tight special plug IP67 for connecting between vacuum and the store.

Multifunctional time relay	**47351**	**POA**

MFZ 12-8.230 V UC, multifunctional digital - 18 functions

Additional time relay for connecting the mole system to pellet boilers, without freely adjustable timing.

Mole tank accessories

The filling neck of the Mole tank is placed at a slight angle for optimal filling. The following listed equalising bends are required to extend the tube outwards.

Equalising set straight	**47311**	**POA**

Segment 7°, Segment 15°, 2 clamping rings

The filling line can be extended from the front through the outer wall. Additional piping components see page 14.
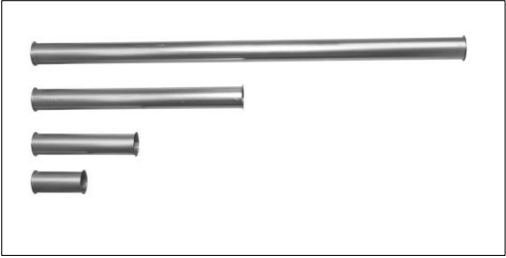

Equalising set 90°	**47312**	**POA**

Segment 7°, Segment 15°, Bend 45°, 3 clamping rings

Filling line can be extended through the outer wall to the right. Additional piping components see page 14.

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Store filling and store construction

Product	Item number	Price £
Filling set fittings, straight	**47308**	**POA**

Aluminium filling set, Storz A coupling with blank caps, chain, flange plate and mounting materials.

Product	Item number	Price £
Filling set fittings, bent 45°	**47309**	**POA**

Aluminium filling set with 45° bend and flange, Storz A coupling with blank caps, chain, flange plate and mounting materials.

steel pipe straight DN 100		
250 mm	**47302**	**POA**
500 mm	**47303**	**POA**
1000 mm	**47313**	**-**
-	**-**	

Galvanised, incl. flange plate

steel pipe bend, DN 100		
45 °	**47305**	**POA**
90 °	**47315**	**POA**
15 °	**47316**	
30 °	**47317**	

Galvanised, incl. flange plate

Snap ring for pipes DN 100	**47304**	**POA**

2-piece set with the seal
For dust-tight and conductive connection of filling tubes and pipe bends with knurled edges.

Pipe clip DN 100	**47319**	**POA**

including fastenings

For fixing the filling tubes to the ceiling.

Storz A coupling	**47301**	**POA**

Filling couplings for wood pellets, including chain and blind cover for pipes with beading.

For steel pipe DN 100 with flange plate.

Product	Item number	Price £
Vent caps, set	**47320**	**POA**

2 Stk., inkl. Kette

Special lid for permanent ventilation of the pellet store, with splash-proof and insect screens.

Impact protection mat rubber	**47310**	**POA**

Including aluminium angle rails and small parts.
Dimensions in cm: 120 x 100, 3 mm thick

Impact protection for pellets

Wood pellet suction system

If there is no suction technology available for operating the mole, a flexible and comfortable transport system can be retrofitted for pellets with the wood pellet suction system, which is independent of the boiler.

Wood pellet suction system MW EPK, including control, cyclone flap, full detection sensor and electrical output for *Pellet Mole* reclaim technology.

Suction system	**47352**	**2,088**

Technische Daten:

Weight:	35 kg	Voltage:	230 V AC 50 Hz
Dimensions in cm:		65 x 45 x 36	Performance:
	1650 W		

Hose connections: DN 50 mm

| **Complete set suction system**	**47452**	**2,223**

Scope of delivery
- Suction system (item number 47352)
- Suction hose with earth wire DN 50, 20 m role
- Oil flex cable with line connector, 15 m
- Set Jaws clamps

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Sonavis – Fill level measurement
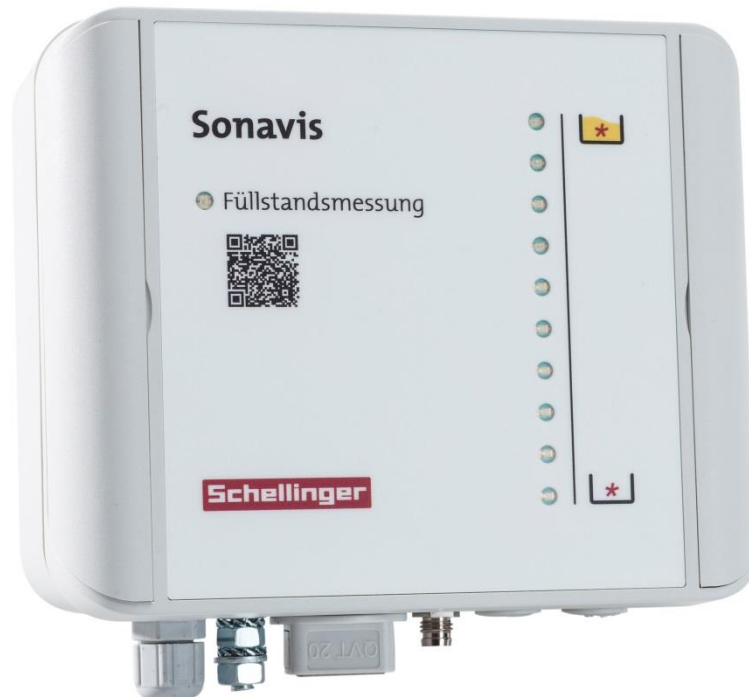
The fill level measurement system provides for maximum operational safety for the pellet system. It enables comfortable remote monitoring. The system is suitable for any room shapes and extraction systems and measures the pellet fill level with high accuracy. The operator can discover how many pellets are located in the store directly on the control unit or on its Internet-capable terminal.
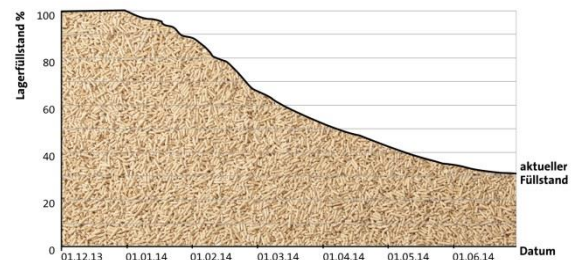
Functional description:

- ✓ Sensors in the store record the filling quantity. Even complex shapes and the angle of the pile are considered.
- ✓ The percentage store fill level is shown directly on the control unit.
- ✓ Fill level, consumption history and residual quantity can be called up using an Internet-capable terminal.
- ✓ The user-defined empty message signal informs you by e-mail or SMS when the critical residual quantity is undercut.
- ✓ Maximum flexibility: suitable for any extraction systems and store shape.

Order form

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Company, contact person: _____

Street, Postcode, City: _____

Telephone, Fax: _____

Email: _____

Boiler manufacturer: _____

Sign: _____

Stamp

date of order: _____ delivery date:_____

Please request an electronic Order Form or download from www.pelletmole.co.uk

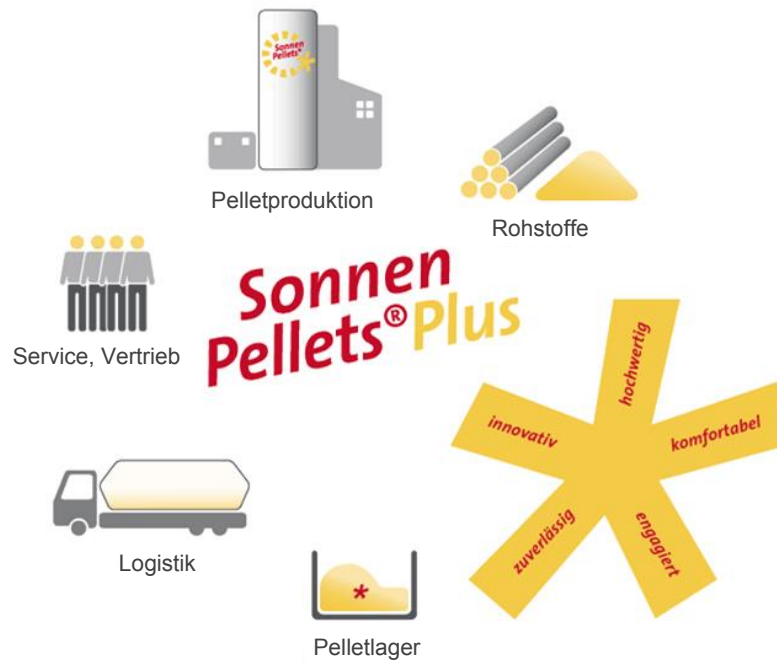**Schellinger KG** & Greenfields Energy Ltd. • Email: info@pelletmole.co.uk • www.pelletmole.co.uk

All prices in GBP INCUDING VAT.

All Orders include packing and delivery.

Subject to technical alterations. Components may deviate from the illustrations.

For all contracts, deliveries and other services our General

Terms and Conditions of Business, Supply and Payment apply.

Please see the instructions in the Installation and User Manual (download from

www.pelletmole.co.uk). Please ensure your designers/installers are familiar with the UK

Pellet Council's Guidance on pellet stores:

Pelletproduktion

Rohstoffe

Service, Vertrieb

Sonnen Pellets® Plus

hochwertig
innovativ
komfortabel
zuverlässig
engagiert

Logistik

Pelletlager

Sonnen-Pellets® Plus: Competence under one roof

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