HELEX

PRECISION BY DESIGN

MOBILE DUST EXTRACTORS

Mobile Dust Extractor with Collection Bags and Coarse Material Separator

Integrated fan · Directly at the machine · Without a central system

Mobile dust extractor with integrated fan, 72 cylindrical filter elements, coarse material separator and collection in four transparent bags.

MODEL HE 100 AMS

10000 m³/h AIRFLOW	**11** kW FAN MOTOR	**32** m² FILTER AREA	**1000** l COLLECTION VOLUME



/ Application & Use

The HELEX HE 100 AMS is a mobile dust extractor with integrated fan for the extraction of sawdust and wood dust directly at the machine. It extracts from one or several machines without a central system and is intended for joinery and furniture workshops. The unit stands on transport wheels and can be moved between workstations. It collects sawdust and wood shavings as well as dust from machining wood, particleboard and MDF.

The fan motor has a power of 11 kW and a speed of 3000 rpm. The airflow is 10000 m³/h and the suction connection has a diameter of 355 mm. The filter housing contains 72 cylindrical filter elements, Ø 160 x 940 mm, with a total filter area of 32 m², and is equipped with a filter cleaning system; the filters are accessible through the filter access door.

The coarse material separator retains large pieces drawn in accidentally. The material is collected in four transparent bags, Ø 600 mm, with a total collection volume of 1000 l.

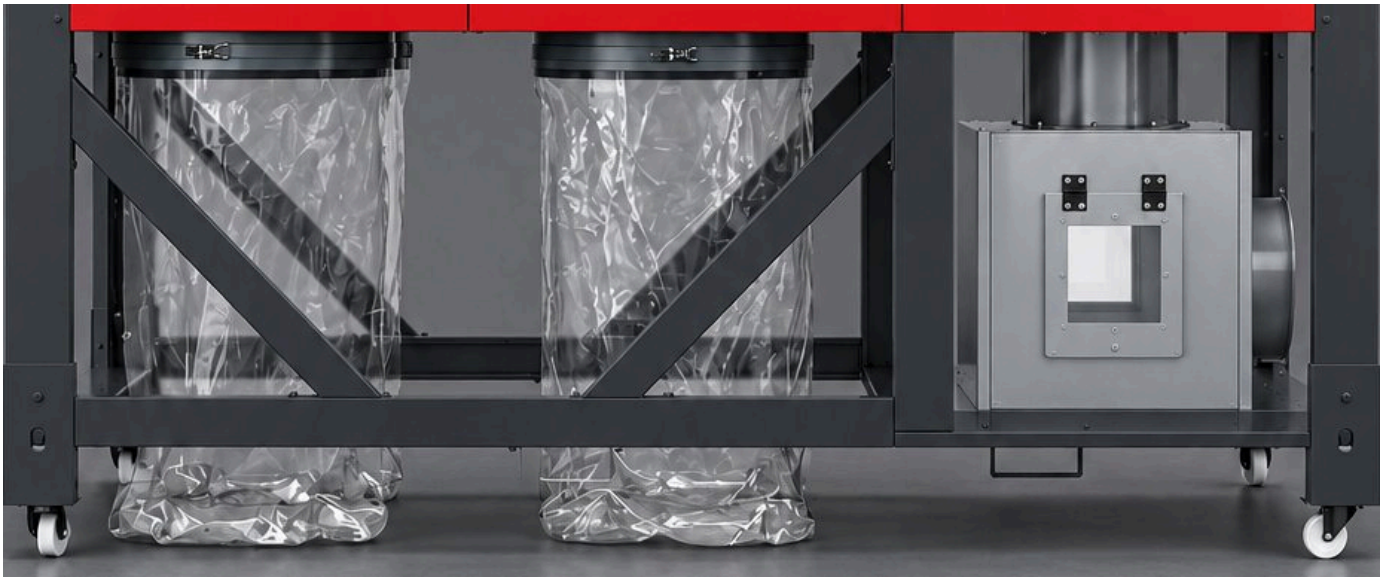
/ Applications & Collected Materials

APPLICATIONS

- Extraction directly at the machine in joinery and furniture workshops
- One or several machines, without a central system
- Movable between workstations

COLLECTED MATERIALS

- Sawdust and wood shavings
- Dust from machining wood
- Dust from machining particleboard and MDF



Transparent collection bags, coarse material separator and fan under the filter housing.

/ Structure and Configuration

1. **Filter housing**
   72 cylindrical filter elements, Ø 160 x 940 mm, total filter area 32 m², with filter cleaning system.
2. **Filter access door**
   Access to the filters in the filter housing.
3. **Transparent collection bags**
   Four bags, Ø 600 mm, total collection volume 1000 l.
4. **Coarse material separator**
   Retains large pieces drawn in accidentally.
5. **Fan**
   Integrated fan; fan motor 11 kW, motor speed 3000 rpm; airflow 10000 m³/h.
6. **Transport wheels**
   The unit can be moved between workstations.



Front view: filter housing, collection bags, coarse material separator and fan.

/ Technical Data

Specification	HE 100 AMS
Model	**HE 100 AMS**
Machine type	**Mobile dust extractor**
Collected materials	**sawdust and wood shavings; dust from machining wood, particleboard and MDF**
Airflow	**10000 m³/h**
Filter area	**32 m²**
Filter elements: number / dimensions	**72 cylindrical filter elements / Ø 160 x 940 mm**
Filter cleaning system	**filter cleaning system; the type is specified in the quotation**
Fan: arrangement / motor power	**integrated / 11 kW; motor speed 3000 rpm**
Air connections: function / number / diameter	**suction / Ø 355 mm**
Material collection and discharge system	**Collection in 4 transparent bags**
Collection containers: number / dimensions	**4 transparent bags / Ø 600 mm**
Total collection volume	**1 m³ (1000 l)**
Overall dimensions (L × W × H)	**2900 x 1520 x 2390 mm**
Machine weight	**610 kg**

Data according to the technical documentation. The type of filter cleaning, the filter media, the discharge of the filtered air, the electrical supply, the installation site and the fire and explosion protection are specified in the quotation. Technical data may be updated without notice. Images are illustrative.

SUPPLIER

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