HELEX

PRECISION BY DESIGN

MOBILE DUST EXTRACTORS

Mobile Dust Extractor with Metal Containers and Coarse Material Separator

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

Mobile dust extractor with integrated fan, 60 cylindrical filter elements, coarse material separator and collection in three metal containers.

MODEL HE 100 AMC

10000 m³/h AIRFLOW	**11** kW FAN MOTOR	**30** m² FILTER AREA	**780** l COLLECTION VOLUME



/ Application & Use

The HELEX HE 100 AMC 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 60 cylindrical filter elements, Ø 160 x 940 mm, with a total filter area of 30 m², and is equipped with a filter cleaning system; the filters are accessible through the filter access door. The unit has an integrated control panel.

The coarse material separator retains large pieces drawn in accidentally. The material is collected in three metal containers on wheels, with a total collection volume of 780 l.

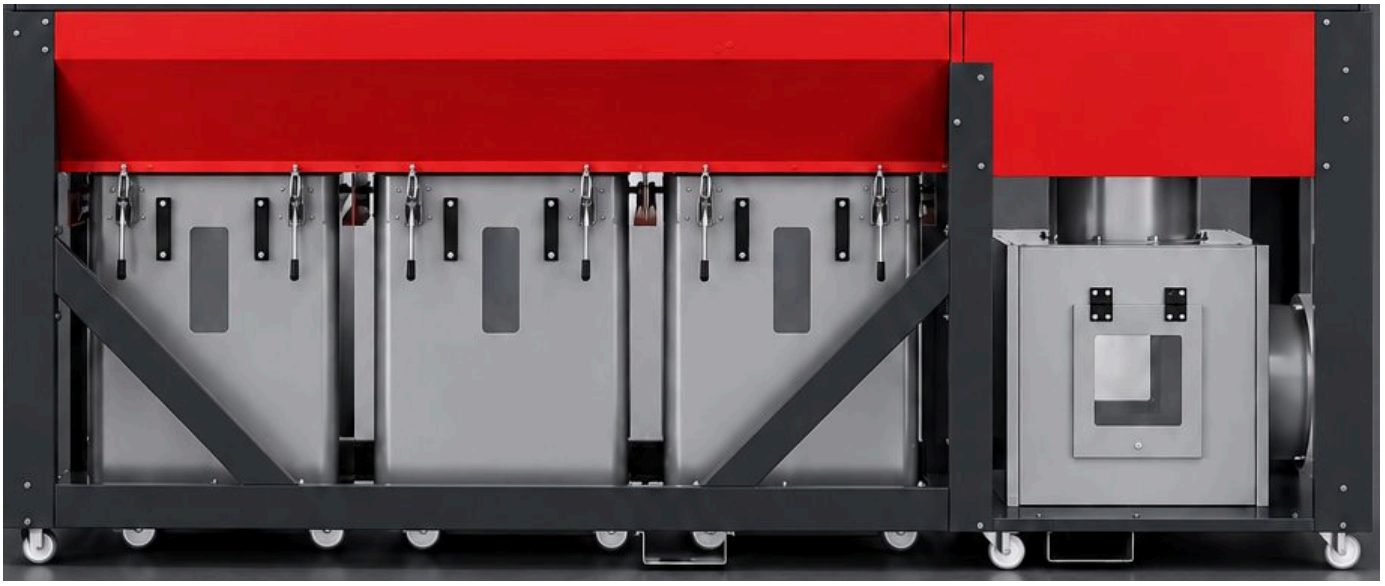
/ Applications & Collected Materials

APPLICATIONS

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

COLLECTED MATERIALS

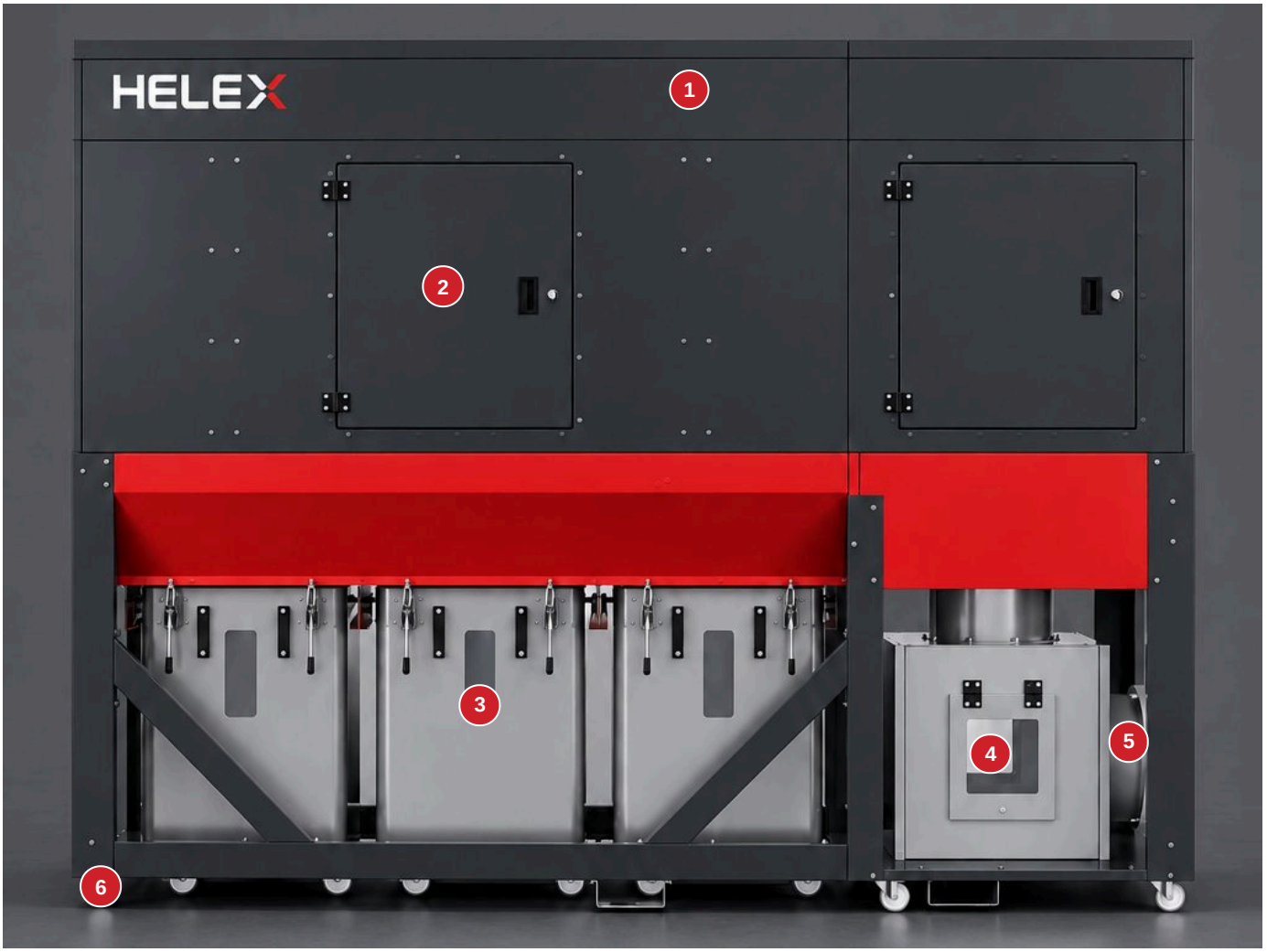
- Sawdust and wood shavings
- Dust from machining wood
- Dust from machining particleboard and MDF



Metal containers, coarse material separator and fan under the filter housing.

/ Structure and Configuration

1. **Filter housing**
   60 cylindrical filter elements, Ø 160 x 940 mm, total filter area 30 m², with filter cleaning system.
2. **Filter access door**
   Access to the filters in the filter housing.
3. **Metal containers**
   Three metal containers on wheels, total collection volume 780 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, metal containers, coarse material separator and fan.

/ Technical Data

Specification	HE 100 AMC
Model	**HE 100 AMC**
Machine type	**Mobile dust extractor**
Collected materials	**sawdust and wood shavings; dust from machining wood, particleboard and MDF**
Airflow	**10000 m³/h**
Filter area	**30 m²**
Filter elements: number / dimensions	**60 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 3 metal containers**
Collection containers: number / dimensions	**3 metal containers, on wheels**
Total collection volume	**0.78 m³ (780 l)**
Control system	**integrated control panel**
Overall dimensions (L × W × H)	**3170 x 1060 x 2320 mm**
Machine weight	**702 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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