HELEX

PRECISION BY DESIGN

FILTER UNITS

Filter Unit with Metal Containers

Central dust extraction · Sawdust and wood dust · Several machines simultaneously

Filter unit for central dust extraction systems in woodworking, with 120 cylindrical filter elements and collection in two metal containers.

MODEL HE 200 F

20000 m³/h	110 m²	120	5 m³
AIRFLOW	FILTER AREA	FILTER ELEMENTS	COLLECTION VOLUME



/ Application & Use

The HELEX HE 200 F is a filter unit for central dust extraction systems in woodworking. It extracts sawdust and wood dust from several machines at once and is intended for joinery workshops and small furniture factories, for panel processing and solid wood processing machines. It collects sawdust and wood shavings as well as dust from machining wood, particleboard and MDF.

The filter housing contains 120 cylindrical filter elements, Ø 160 x 1780 mm, with a total filter area of 110 m². The airflow is 20000 m³/h.

The collected material passes through two collection hoppers into two metal containers on rails, each 1.6 x 1.4 x 1.25 m, with a total collection volume of 5 m³ (5000 l).

/ Applications & Collected Materials

APPLICATIONS

- Extraction for joinery workshops and small furniture factories
- Panel processing and solid wood processing machines
- Extraction from several machines simultaneously

COLLECTED MATERIALS

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



Two collection hoppers above the two metal containers on rails.

/ Structure and Configuration

1 **Filter housing**
120 cylindrical filter elements, Ø 160 x 1780 mm, total filter area 110 m², airflow 20000 m³/h.

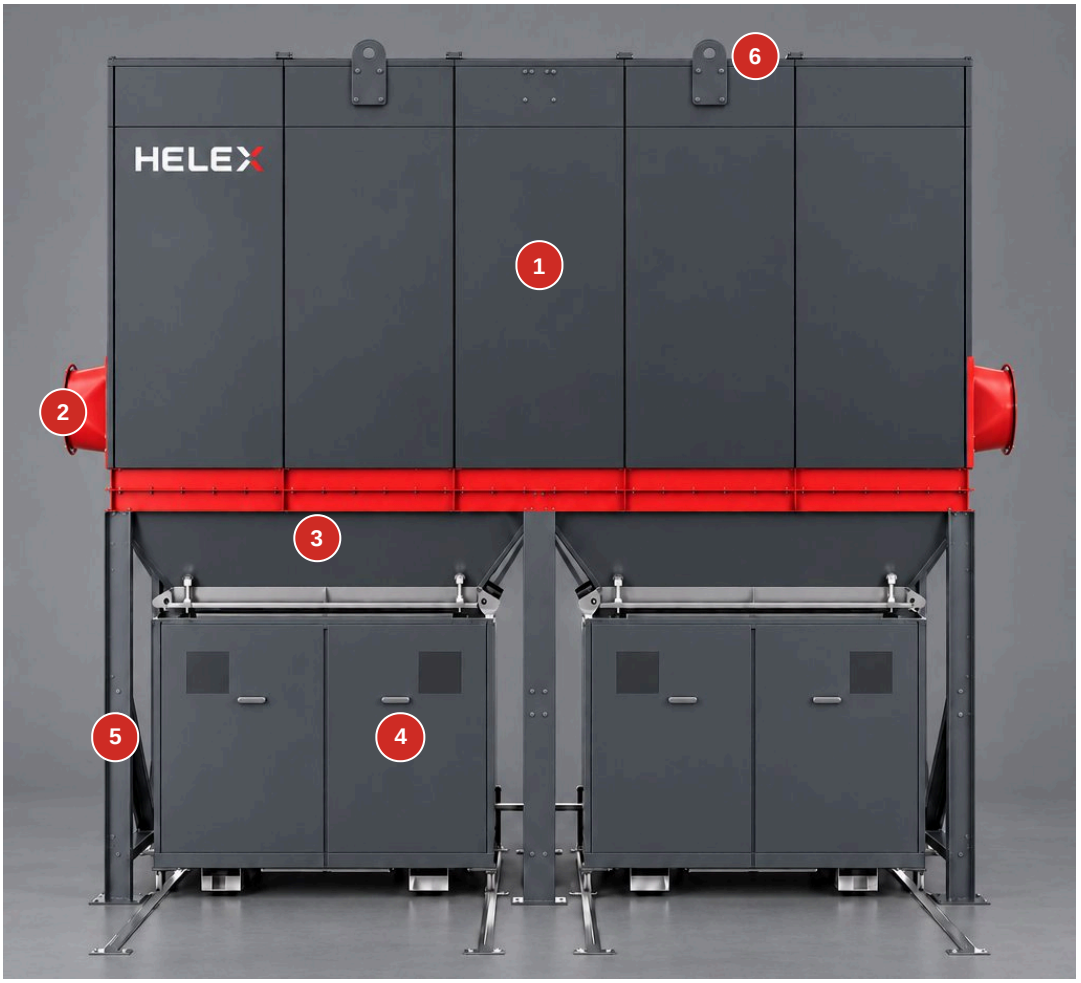
2 **Air connections**
Function, number and diameter of the connections are specified in the quotation.

3 **Collection hoppers**
Two hoppers under the filter housing direct the collected material into the containers.

4 **Metal containers on rails**
Two containers, 1.6 x 1.4 x 1.25 m each, total collection volume 5 m³ (5000 l).

5 **Support structure**
Metal support structure with bracing.

6 **Lifting lugs**
Lifting lugs for handling the unit.



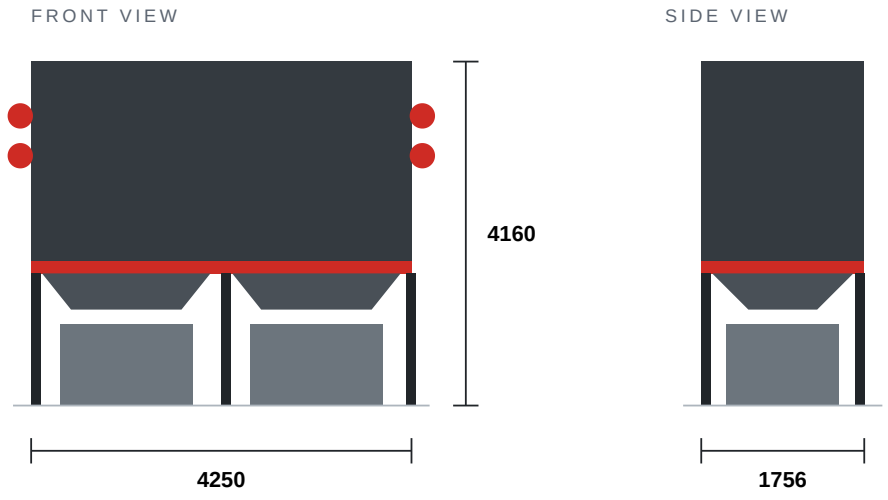
Front view: filter housing, two collection hoppers and two metal containers.

/ Technical Data

Specification	HE 200 F
Model	**HE 200 F**
Machine type	**Filter unit**
Collected materials	**sawdust and wood shavings; dust from machining wood, particleboard and MDF**
Airflow	**20000 m³/h**
Filter area	**110 m²**
Filter elements: number / dimensions	**120 cylindrical filter elements / Ø 160 x 1780 mm**
Material collection and discharge system	**Collection in two metal containers via two collection hoppers**
Collection containers: number / dimensions	**2 / 1.6 x 1.4 x 1.25 m, on rails**
Total collection volume	**5 m³ (5000 l)**
Overall dimensions (L × W × H)	**4250 x 1756 x 4160 mm**
Machine weight	**2480 kg**

Data according to the technical documentation. The fan (arrangement and power), the air connections (function, number, diameter), the filter media and filter cleaning, 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.

/ Overall Dimensions



Dimensions in mm. Schematic drawing, not to scale.

SUPPLIER

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