



## Vacumobil 140 / 160

The new generation of  
mobile dust collectors

**HÖCKER<sup>®</sup>**  
**POLYTECHNIK**

Always one idea ahead



Clean air in the workplace and perfect work pieces with the original Vacuumobil® by HÖCKER POLYTECHNIK.



## Enhanced performance, reduced consumption. Certified safety.

**The innovative Vacuumobil 140/160 mobile dedusters by HÖCKER POLYTECHNIK set entirely new standards in extraction for wood processing machines and air filtration. They feature numerous improvements in regards to energy efficiency, equipment size, performance characteristics and application flexibility.**

Higher throughput is achieved by a housing interior optimised for airflow. Standard energy-saving drives (IE2) reduce electricity consumption. Our Vacuumobiles ensure an extremely environmentally friendly and energy-saving operation. Naturally, all models are tested by the Employer's Liability Insurance Association (BG) according to GS-HO 07 and only use BG-certified filter materials and bear the H3/GS certificate.

### Vacuumobil VT

- For installation in the shop, also for explosion-prone dust-air mixtures and intermittent processes; during breaks, the system gently cleans the filters by means of vibration without the use of compressed air.
- Deposition of dust and chippings in stable bin interleaved foil bag

Illustration above:  
Vacuumobil VT 140/160  
with 2.2 kW energy-saving motor

The Vacuumobil 140/160 meets the GS-HO-07 principles for the testing and certification of dust collectors (woodworking).



### Safety with a capital S

The Vacumobil can be installed in the shop without additional fire protection measures. It is supplied ready to connect with a phase changing plug. The standard contactor control ensures automatic start-up and safe operation. Inputs for automatic start-up using potential-free contacts are included as standard equipment.



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#### Special feature

The suction connection with 140 mm in diameter can be removed and a 160 mm tube or suction pipe can be connected.

## Advantages

- Installation in the work area is allowable (depending on the type of dust)
- Low residual dust content < 0.1 mg/³ (H3) according to the Technical Guideline for the Handling of Hazardous Materials (TRGS) 553
- 100% utilisation of heat energy through air recirculation
- Large collection volume with 1 mobile collecting bin
- Low height, less than 2 m (height, middle of intake port: 1.5 m)
- Controller, standard with automatic start-up (potential free contact)
- No pressure relief required for St1 dust
- Filter material tested by the Employer's Liability Insurance Association (BG) (99.95% separation)
- Low energy consumption and high extraction performance
- Drive system efficiency class 1 (IE2)
- Optimum filter cleaning

## Technical Data

| Vacumobil VT140/160           |  |
|-------------------------------|--|
| Suction connection diameter   | 140 mm (160 mm when removing connecting piece) |
| Engine-rating                 | 2,2 kW / 400 V / 50 Hz                         |
| Filter area                   | ca. 7 m²                                       |
| Nom. Volume Flow (V Nom)      | 1100 m³/h with 140 mm suction opening          |
| Max. Volume Flow (V Max)      | 1950 m³/h with 160 mm suction opening          |
| Vacuum generated V Nom**      | ca. 2800 Pa                                    |
| Vacuum generated V Max**      | ca. 1500 Pa                                    |
| Collection Volume             | ca. 175 Liter                                  |
| Maximum sound pressure level* | ≤ 73 dB(A)                                     |
| Measurements (L x W x H)      | 1418 x 1012 x 1990 mm                          |
| Dedusting                     | Vibration                                      |
| Slide valve gear              | standard (potential-free contact)              |

\* Measured according to the EU Machinery Directive subject to free field conditions with 1 m distance of 1.6 m height

\*\* in delivery status – non-impinged filter hoses

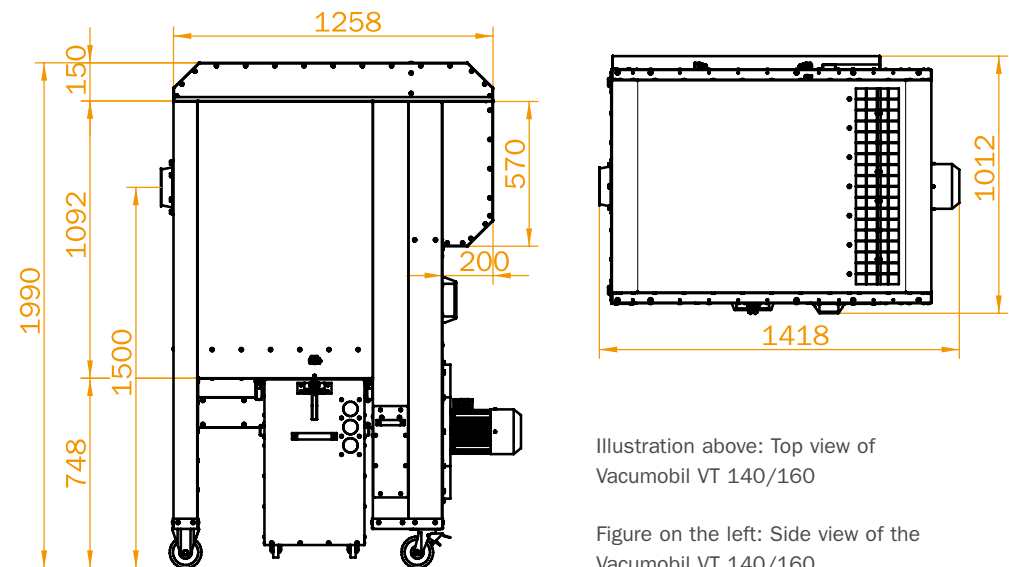


Illustration above: Top view of Vacumobil VT 140/160

Figure on the left: Side view of the Vacumobil VT 140/160