

In addition to its unbeatable extraction capacity, the VACOMAT 140/160xp excels in the following technical points:

User-friendliness – meeting any demand

A special feature is that the extraction port can be fitted to the left or right. In addition, a 160 mm or 140 mm diameter extraction port can be mounted. This facilitates individual and user-friendly installation of the VACOMAT. An adapter from 160 mm to 140 mm is, of course, included in the scope of delivery.

The proven undercarriage with two fixed and two brakeable castors allows for easy moving of the unit in the working room.

This VACOMAT 140/160xp comes with a plug fitted to a 6 metre cable and with a phase inverter.

For maintenance and service purposes in connection with the filtering hoses, the top of the unit can be removed without any problems by quick-acting locks.



We stand in for new ideas.

Quality – special competence and safety

With a staff of 150 members at five factories, Schuko, managed by its owner, has been producing for more than 40 years extracting and filtering units as are used in wood, paper and plastics processing.

Its range of customers reaches from simple craftsmen through medium-sized factories up to large-scale industries.

As a member of the VDMA (Verband Deutscher Maschinen- und Anlagenbau e.V. = Association of German Engineering Companies), we attach great significance to plant safety according to the state of the art and to the applicable standards. A great deal of our products have been tested and approved by the responsible employers' liability insurances (such as the Holz-BG) Such products bear the GS and 'Tested for Dust' Marks. Schuko stands for high performance and quality.



Close to the customer – all from one hand

Advice, planning, manufacturing, delivery, installation, startup, maintenance, operator's training and extensive after-sales service rendered in a quick and qualified way, this is what we understand to be service.



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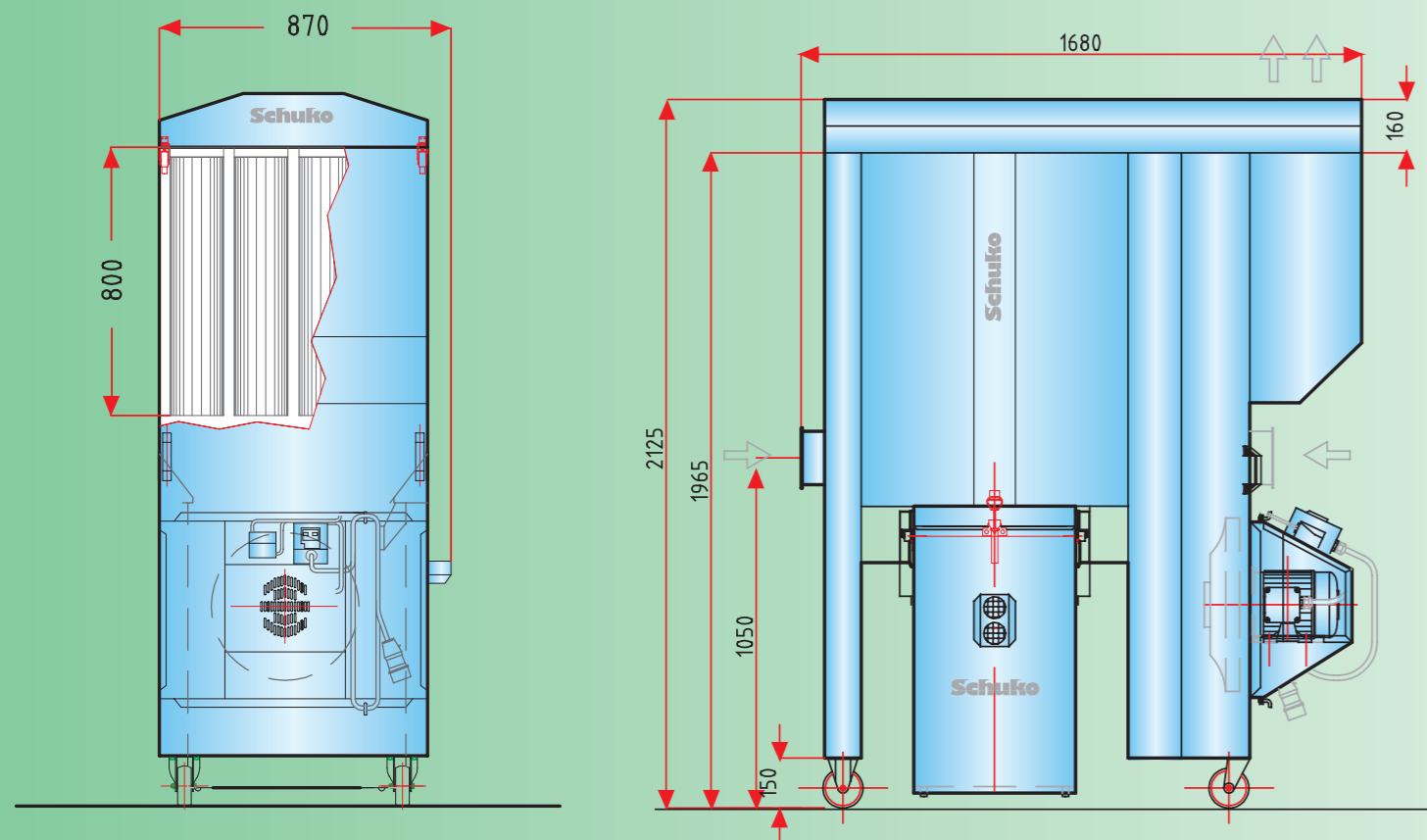
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Bull's eye

The VACOMAT 140/160xp



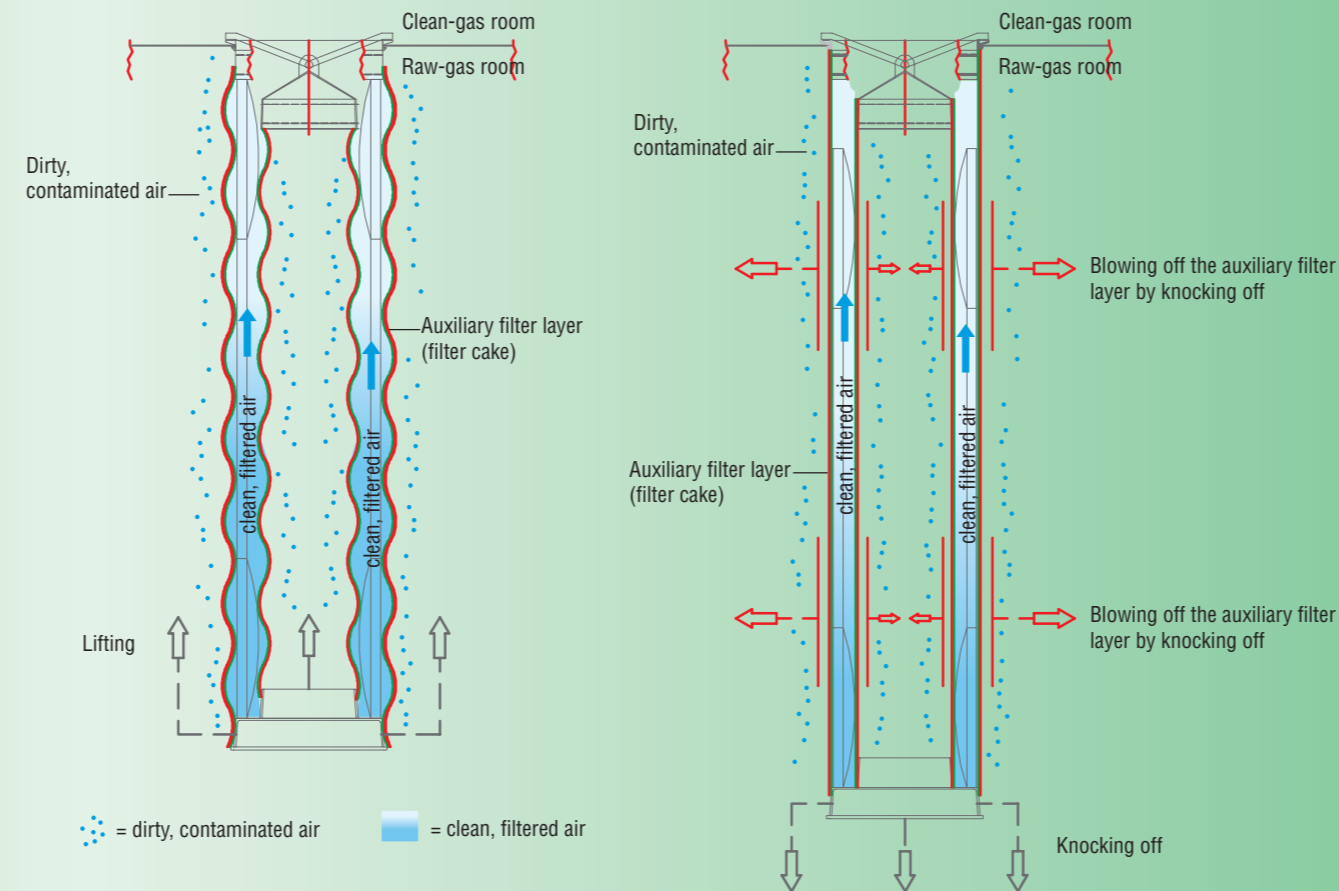
VACOMAT 140/160xp



For mobile and universal use – the VACOMAT 140/160xp.

Schematic drawing: Pneumatic/mechanical filter cleaning

Cross section of the Schuko Cone® filtering hose



Unbeatable extraction capacity in room-saving design.

VACOMAT 140/160xp Specifications

VACOMAT	Item No.	Drive motor 400 V, 50 Hz, three-phase ~[kW]	Suction port dia. [mm]	Rated volume flow [m³/h]	Vacuum [Pa]	Air demand* (8 bar) pneumatic	Filter surface (m²)	Dimensions L x W x H [mm]	Weight [kg]	Sound pressure level [dB(A)]
140/160xp	621500	2.2	140/160	1,450	2,450	ca. 18 l	9.5	1,680 x 870 x 2,125	305	69

* per cleaning cycle

The extracting units of the VACOMAT series from Schuko have been specifically designed for mobile use in factories.

Within the smallest room, the VACOMAT 140/160xp can extract large quantities of dust and chips.

In the VACOMAT 140/160xp, production residues (dust and chips) are collected in a bin containing a bag (770 mm in diameter, size V).

The filtering hoses are regenerated (cleaned) pneumatically/mechanically by a patented 'knock-off' vibrator. The regenerating mechanism requires connection to the pressurized-air supply: Input pressure about 8 bar, working pressure 4 bar, air demand per regenerating cycle 18 litres. (The 'cleaning', see next page.)

Knocking out the filter will impose only little stress on the same, thus resulting in a longer life of the filter material used.

Moreover, this gentle way of cleaning the filtering hoses will maintain the required auxiliary filter layer. This auxiliary filter layer assists in the filtering of the extracted air and reduces the residual dust content in the exhaust air.

The large filter surface is guaranteed by the patented filtering hose. Contrary to conventional filtering hoses, the so-called Schuko Cone® has 60% more filter surface, as this type of filtering hose has a two-walled filter layer. The filter material consists of antistatic polyester needle felt and is BGIA*-tested.

*Institute for Occupational Safety and Health of the German Social Accident Insurance

You can't move into the top rank without kicking up a lot of dust.



TOP equipment

The equipping features of this unit leave no wishes open, from checking the filling level through a sight window, through polyester needle felt filtering hoses (BGIA-tested), up to volume flow pressure monitoring.

Reliable

The service unit on the motor bracket filters the compressed air, thus ensuring trouble-free extracting.

Certified

The VACOMAT 140/160xp has been tested by the Fachausschuss Holz (an experts' committee for woodworking and a testing and certification office) of the employers' liability insurance and has reliably kept the requirements of the H3 Test Mark (residual dust content <0.1 mg/m³ of air).