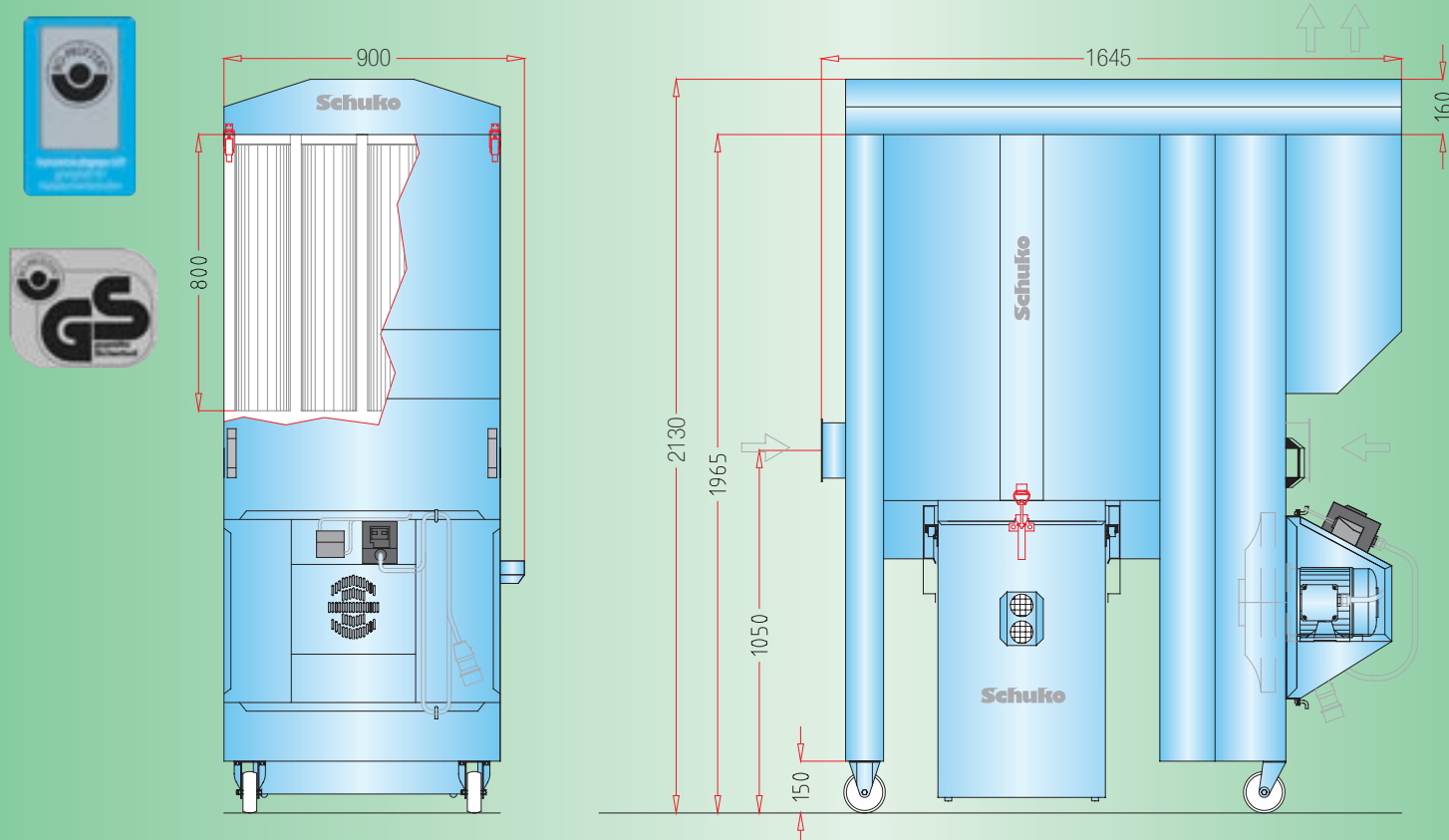


Vacomat Suction Units

For mobile operation within the plant



VACOMAT 140/160XP



For mobile and individual use

– the Vacomat 140/160XP
– the Vacomat 140/160XPe

Technical data for Vacomat 140/160XP and 140/160XPe

Vacomat	Item no.	Drive motor 400 V, 50 Hz, 3 phase - [kW]	Intake Ø [mm]	Volume flow	Nominal volume flow [at 20 m/s]	Corresponding vacuum [Pa]	Filter regeneration	Filter surface area [m²]	Dimensions L x W x H [mm]	Weight [kg]	Sound pressure level [dB(A)]
140/160 XP	621500	2,2	140/160	1.593	1.450	2.200	pneumatic*	9,5	1.645 x 900 x 2.130	289	69
140/160 XPe	622200	2,2	140/160	1.593	1.450	2.200	motor- controlled	9,5	1.645 x 900 x 2.130	324	69

* Air required for each dedusting cycle ca. 3,5 l at 8 bar

The suction systems of the VACOMAT series from Schuko were developed for mobile use within the plant.

The VACOMAT 140/160XP and the Vacomat 140/160XPe extremely compact, yet they can extract large quantities of dust and chips. The two units are identical with the exception of the regeneration of the filter hoses.

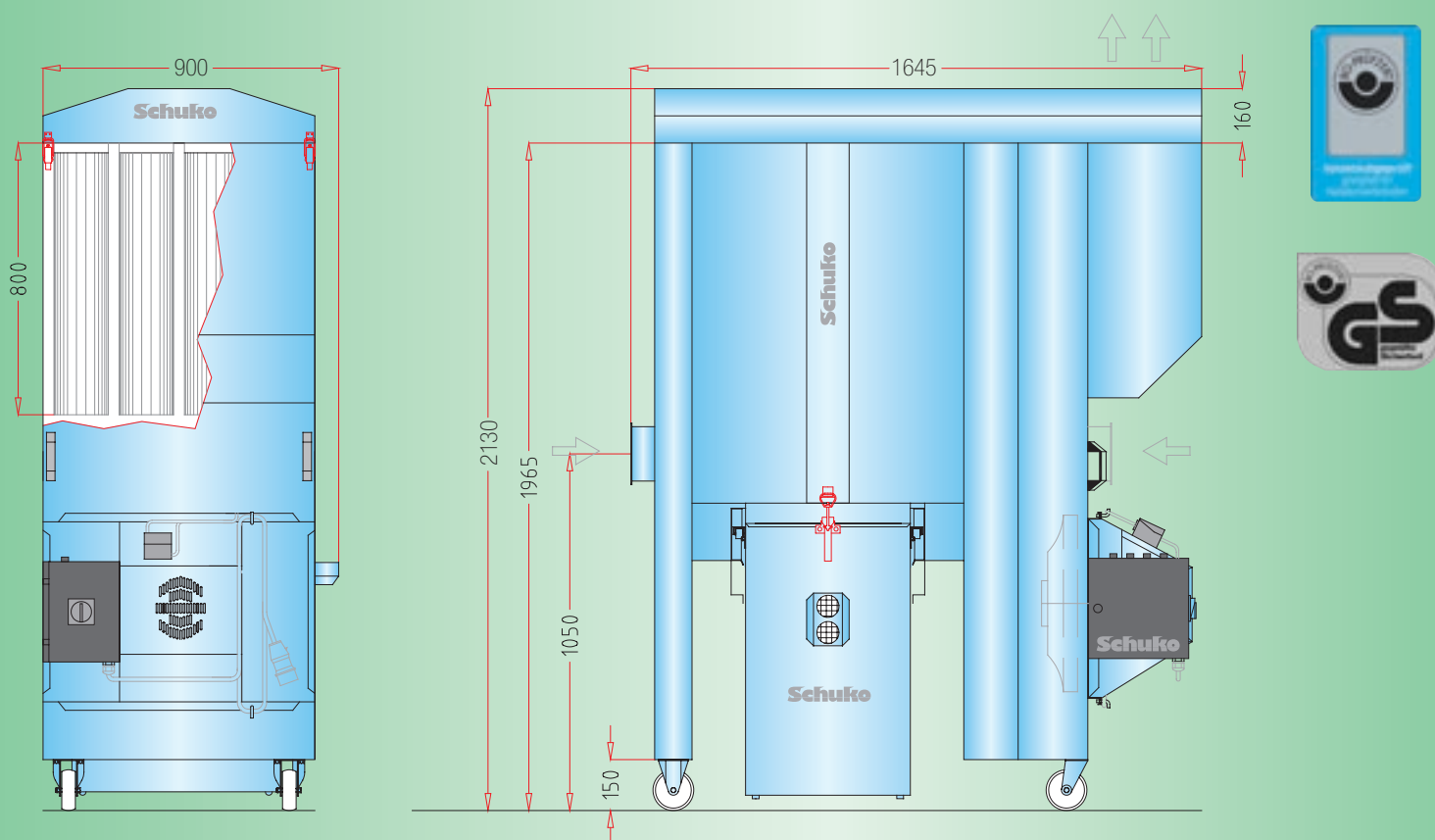
The production residue (dust and chips) are collected by both Vacomats in a container lined with a sack (770 mm diameter, size V).

Features of the units:

- > Inspection window for checking fill level
- > Filter hoses made of polyester needle felt (BGIA tested). This prevents permanent adhesion of dust on the filters
- > Pressure monitoring of volume flow

The suction side is normally on the left, but can optionally be on the right. All units have been tested by the Technical Committee for Wood, Testing and Certification of the BG-PRÜFZERT and received the test marks H2 and H3 (residual dust content < 0.2 and < 0.1 mg/m³ of air guaranteed)

VACOMAT 140/160XPe



For mobile and individual use

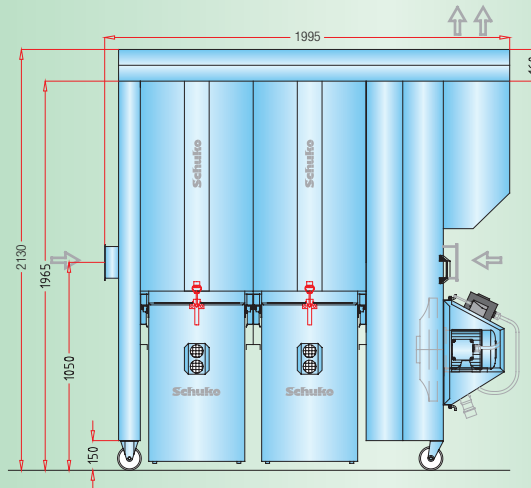
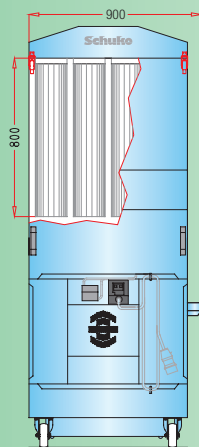
- the Vacomat 140/160XP
- the Vacomat 140/160XPe

The regeneration (dedusting) of the filter hoses is controlled pneumatically/mechanically by means of a patented system which shakes them out.

The regeneration mechanism requires connection to a compressed air supply. Supply pressure ca. 8 bar, operating pressure 4 bar, air required for each regeneration cycle ca. 3.5 l.

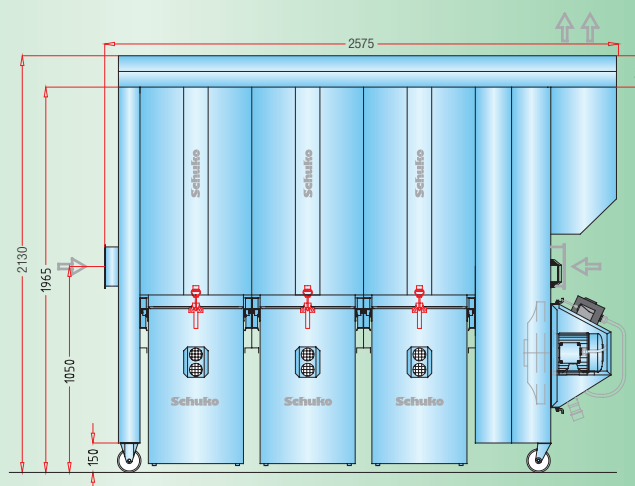
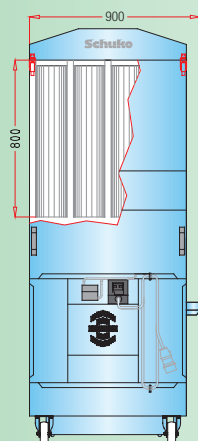
The filter dedusting (regeneration) of the Vacomat 140/160XPe is controlled electrically/mechanically.

The control required for the 140/160XPe suction unit via scanning of two potential-free contacts with automatic, motor-controlled filter shaking is included in the scope of delivery of the unit.



VACOMAT 180XP

VACOMAT 200XP



Always ready for service – VACOMAT!

Technical data for Vacomat 180XP, 200XP and 180XPe, 200XPe

Vacomat	Item no.	Drive motor 400 V, 50 Hz, 3 phase - [kW]	Intake Ø [mm]	Volume flow	Nominal volume flow [at 20 m/s]	Corresponding vacuum [Pa]	Filter regeneration	Filter surface area [m ²]	Dimensions L x W x H [mm]	Weight [kg]	Sound pressure level [dB(A)]
180 XP	621 910	3,0	180	2.610	1.832	2.500	pneumatic*	13,5	1.995 x 900 x 2.130	335	74
180 XPe	621 950	3,0	180	2.610	1.832	2.500	motor-controlled	13,5	1.995 x 900 x 2.130	340	74
200 XP	621 800	3,7	200	2.495	2.260	2.800	pneumatic*	14,5	2.575 x 900 x 2.130	415	77
200 XPe	622 100	3,7	200	2.495	2.260	2.800	motor-controlled	14,5	2.575 x 900 x 2.130	480	77

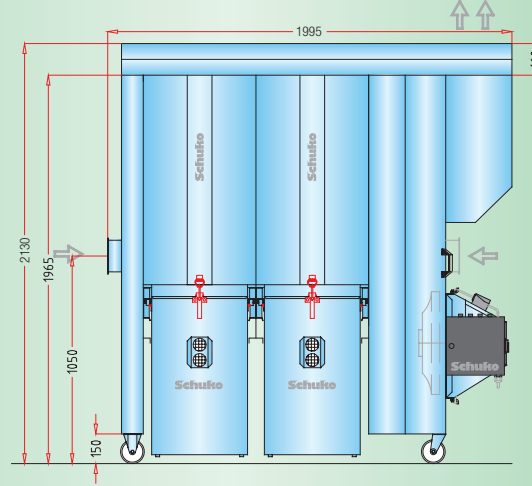
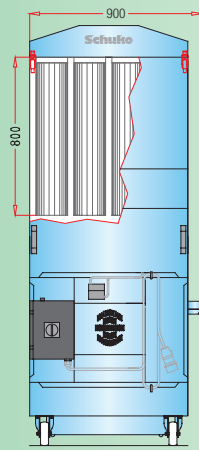
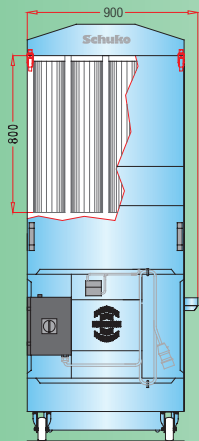
* Air required for each dedusting cycle ca. 3.5 l at 8 bar

The VACOMAT 180XP, 200XP and 180XPe and 200XPe mobile suction units feature exceptionally high suction power. The production residue in the VACOMAT 180XP and 180XPe is collected in two containers and in the VACOMAT 200XP and 200XPe in three containers lined with sacks (770 mm diameter, size V). The suction side is normally on the left, but can optionally be on the right.

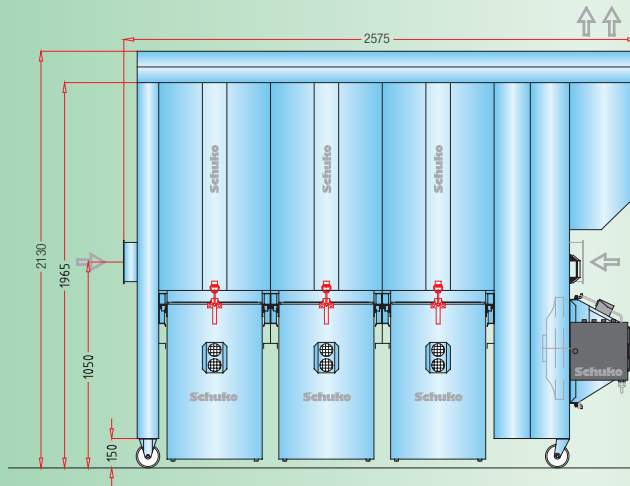
Features of the units:

- Inspection window for checking fill level
- Filter hoses made of polyester needle felt ("BGIA" tested). This prevents permanent adhesion of dust on the filters
- Monitoring of volume flow
- All units have been tested by the Technical Committee for Wood, Testing and Certification of the BG-PRÜFZERT and received the test marks H2 and H3 (residual dust content < 0.2 and < 0.1 mg/m³ of air guaranteed)

VACOMAT 180XPe



VACOMAT 200XPe

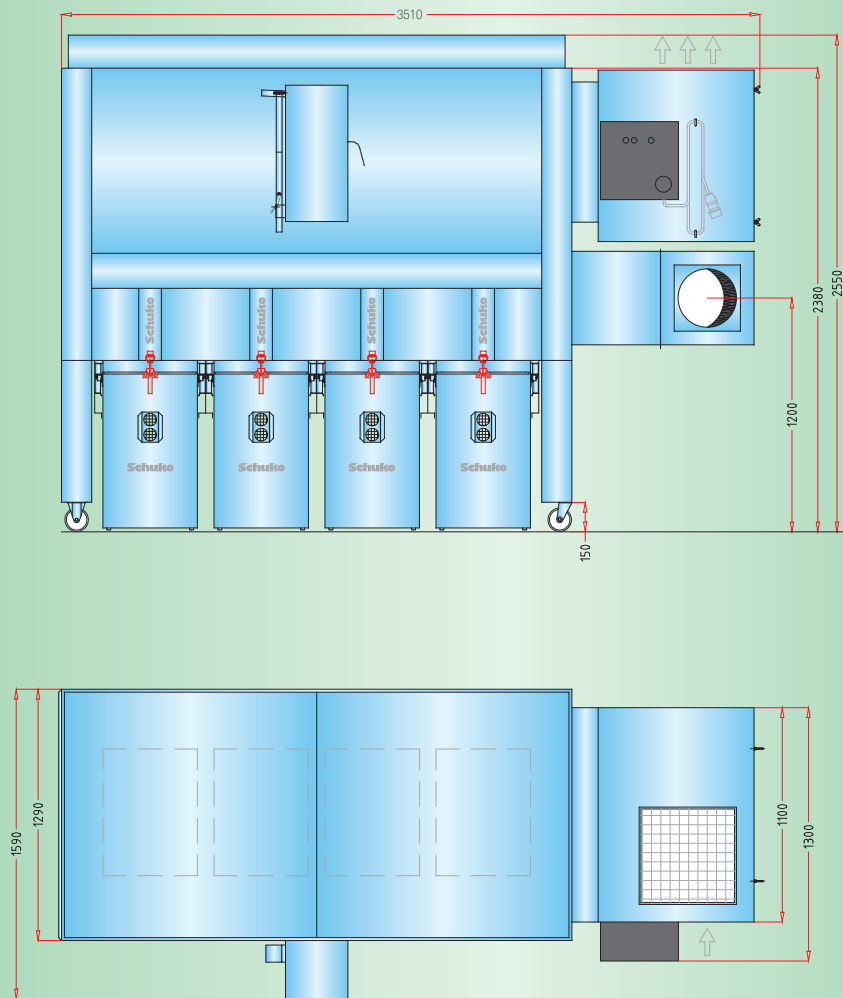


Always ready for service – VACOMAT!

The filter dedusting (regeneration) of the Vacomat 180XP and 200XP is controlled pneumatically/mechanically. The regeneration mechanism requires connection to a compressed air supply. Supply pressure ca. 8 bar, operating pressure 4 bar, air required for each regeneration cycle 3.5 l.

The filter dedusting (regeneration) of the Vacomat 180XPe and 200XPe is controlled electrically/mechanically. The control required for the 180XPe and 200XPe suction units via scanning of two potential-free contacts with automatic, motor-controlled filter shaking is included in the scope of delivery of the two units.

VACOMAT 250 und 300



Extract dust on demand for your special requirements

Technical data for Vacomat 250 and 300

VACOMAT	Item no.	Drive motor 400 V, 50 Hz, 3 phase ~[kW]	Intake Ø [mm]	Volume flow	Nominal volume flow [at 20 m/s]	Corresponding vacuum [Pa]	Filter regeneration	Filter surface area [m²]	Dimensions L x W x H [mm]	Weight [kg]	Sound pressure level [dB(A)]
250	622 500	5,5	250	4.440	3.533	2.200	pneumatic Air required *: ca. 11 l bei 8 bar	32,0	3.510 x 1.590 x 2.550	934	70
300	623 000	7,5	300	5.800	5.087	2.300	pneumatic Air required *: ca. 11 l bei 8 bar	32,0	3.510 x 1.590 x 2.550	936	72

* for each dedusting cycle

The VACOMAT 250 and the VACOMAT 300 are identical with the exception of the filter surface area and fan. The suction side is normally on the right, but can optionally be on the left. Please note also that the switch cabinet is not included in the scope of delivery; it has to be ordered separately. The reason for this is that we can deliver different models of switch cabinets.

Features of the units:

- > Large expansion space, resulting in less material stress for the filter medium
- > Inspection window for checking fill level in the collection containers
- > Filter hoses made of antistatic polyester needle felt, especially advantageous when there is a large quantity of dust, for example in the processing of particle board and MDF.
- > Filter regeneration is started automatically, pneumatic/mechanical
- > Alternatively, filter regeneration is available as pressure surge dedusting at an extra charge
- > Filter medium is "BGIA" tested
- > Volume flow monitoring (suction capacity) by means of a pressure pickup with a signal lamp
- > Automatic extinguishing system in accordance with GS-HO 07, with power extinguisher (no danger of water damage)
- > Can be expanded by mounting a Schuko "Compacto" briquetting press
- > Quiet operation due to double-walled filter hose cover 72 [dB(A)]

We fulfill more than just the standard!



Tested by the Wood Trade Association and the „Deutsche Montan Technologie GmbH“ in accordance with GS-HO-07, approved for installation in working areas, compliance with Wood Trade Association, test mark H3 residual dust content level 3; 0.1 mg/m³ guaranteed.

Available switch cabinet designs (not included in the basic price of the VACOMATS)

Model	Item no.
V 12 (5.5 kW), fan ON/OFF via manual push-button, automatic filter regeneration	887 200
V 22 (5.5 kW), automatic fan activation on startup of up to 8 processing machines, automatic filter regeneration	887 500
V 13 (7.5 kW), fan ON/OFF via manual push-button, automatic filter regeneration	887 300
V 23 (7.5 kW), automatic fan activation on startup of up to 8 processing machines, automatic filter regeneration	887 600
Supplementary control for V22+23, for control of max. 6 pneumatic or motor-controlled slide valves	888 600
Supplementary control for V22+23, for control of max. 8 pneumatic or motor-controlled slide valves, with runtime addition	888 650
Activation of pressure surge dedusting, for VACOMAT 250 and 300	889 050

Please note: For technical reasons, even filling of the chip sacks is often not possible.



VACOMAT dust extraction units – an overview

Model	Item no.	Drive motor 400 V, 50 Hz, 3 phase – [kW]	Intake Ø [mm]	Volume flow	Nominal volume flow [at 20 m/s]	Corresponding vacuum [Pa]	Filter regeneration	Filter surface area [m²]	Dimensions L x W x H [mm]	Weight [kg]	Sound pressure level [dB(A)]
140/160 XP	621 500	2,2	140/160	1.593	1.450	2.200	pneumatic air required *: ca. 3,5 l at 8 bar	9,5	1.645 x 900 x 2.130	289	69
140/160 XPe	622 200	2,2	140/160	1.593	1.450	2.200	motor-controlled	9,5	1.645 x 900 x 2.130	324	69
180 XP	621 910	3,0	180	2.610	1.832	2.500	pneumatic air required *: ca. 3,5 l at 8 bar	13,5	1.995 x 900 x 2.130	335	74
180 XPe	621 950	3,0	180	2.610	1.832	2.500	motor-controlled	13,5	1.995 x 900 x 2.130	340	74
200 XP	621 800	3,7	200	2.495	2.260	2.800	pneumatic air required *: ca. 3,5 l at 8 bar	14,5	2.575 x 900 x 2.130	415	77
200 XPe	622 100	3,7	200	2.495	2.260	2.800	motor-controlled	14,5	2.575 x 900 x 2.130	480	77
250	622 500	5,5	250	4.400	3.533	2.200	pneumatic air required *: ca. 11 l at 8 bar	32,0	3.510 x 1.590 x 2.550	934	70
300	623 000	7,5	300	5.800	5.087	2.300	pneumatic air required *: ca. 11 l at 8 bar	32,0	3.510 x 1.590 x 2.550	936	72

* for each dedusting cycle



Woodworking causes dust and chips

Quality – professional competence and safety

With 150 employees in six plants, the owner-operated company Schuko has manufactured extraction and filter systems for use in the wood, paper and plastics processing industries for more than 40 years. The customer base covers everyone from the craftsman to mid-sized companies and large corporations.

As a member company of the VDMA German Engineering Association, one of our top priorities is process safety based on the state of the art and the applicable standards. Many of our products have been tested and approved by the responsible trade associations (Wood Trade Association). These products bear the GS symbol and the „dust-tested“ seal of approval. The Schuko brand name is a sign of performance and quality.



Customer orientation – Everything from one source

Advice, planning, production, deliveries, installation, commissioning, maintenance, operator training and a comprehensive after-sales service network – for fast, qualified service. That's what we mean by service.



We stand for new ideas!



DE-49196 Bad Laer · Gewerbepark 2 · Telefon +49 (0) 54 24 / 8 06-0 · Telefax +49 (0) 54 24 / 8 06-80 · info@schuko.de
DE-88348 Bad Saulgau · Mackstraße 18 · Telefon +49 (0) 75 81 / 48 71-0 · Telefax +49 (0) 75 81 / 48 71-81 · saulgau@schuko.de
DE-97478 Knetzgau · Industriestraße 22 · Telefon +49 (0) 95 27 / 92 28-0 · Telefax +49 (0) 95 27 / 92 28-32 · knetzgau@schuko.de
DE-55481 Kirchberg/H. · Hugo-Wagener-Straße 11 · Telefon +49 (0) 67 63 / 5 01 · Telefax +49 (0) 67 63 / 5 04 · kirchberg@schuko.de
DE-14959 Trebbin · Gewerbegebiet Zossener Straße 4 · Telefon +49 (0) 3 37 31 / 8 67-0 · Telefax +49 (0) 3 37 31 / 8 67-55 · trebbin@schuko.de
DE-25451 Quickborn · Theodor-Storm-Straße 29 · Telefon +49 (0) 41 06 / 76 71-0 · Telefax +49 (0) 41 06 / 76 71-1 · quickborn@schuko.de
PL-62-561 Ślesin · Kolonia Sarnowa · Biskupie Sarnowskie 9 · Telefon +48 (0) 63 / 241 85 55 · Telefax +48 (0) 63 / 241 85 55 · slesin@schuko.com

www.schuko.com