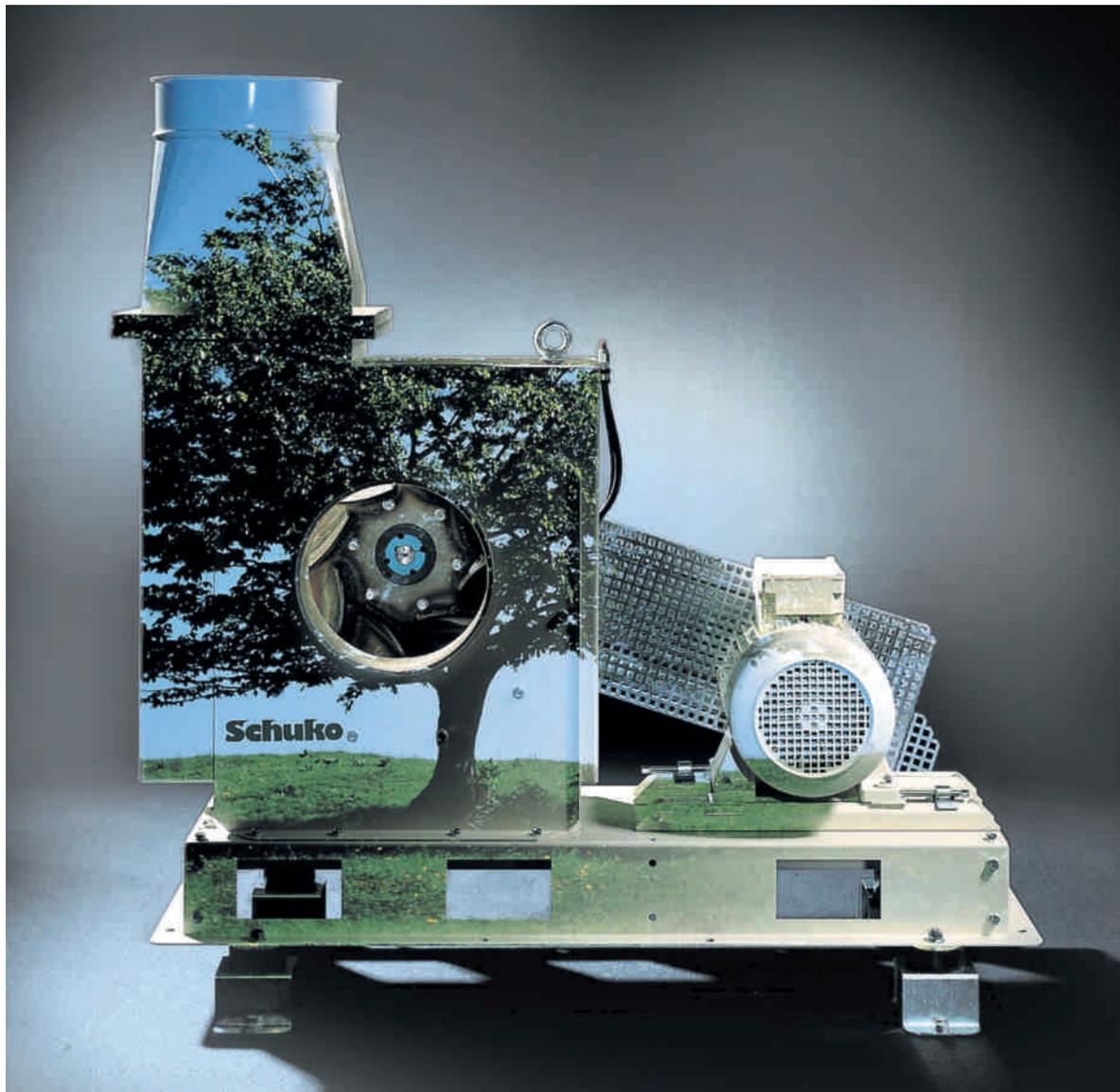


Powerful, durable and economical



Schuko

Dust extraction and filtering technology

Schuko quality that pays.

The fan as the power centre of an extraction plant determines the effectiveness and the production costs of the latter. Its efficiency, quality and dependability protect you against loss of production and avoid unnecessary and cost-intensive servicing time.

Schuko fans are convincing in their reliability, robustness, long lifetime and in an absolutely constant quality level. Behind all this, there are more than 30 years of Schuko's experience.

Highly precise and robust

Schuko fans are manufactured on the basis of the industrial standard and meet highest quality demands. This is why their impellers are made of steel. For this purpose, their individual components such as the impeller wheel and its blades are laser-cut and then welded together by robots. Such high-precision production ensures minimum tolerances and, together with electronically controlled static and dynamic balancing, guarantees especially smooth running which is typical for Schuko fans. All this results in long lifetime.

Efficiency on demand

The fans can be actuated by frequency inverters, i. e. the respective air quantity [m^3/h] and pressure [Pa] required for any operating condition will be available. Performance matching forms a basis for low power consumption [kW].

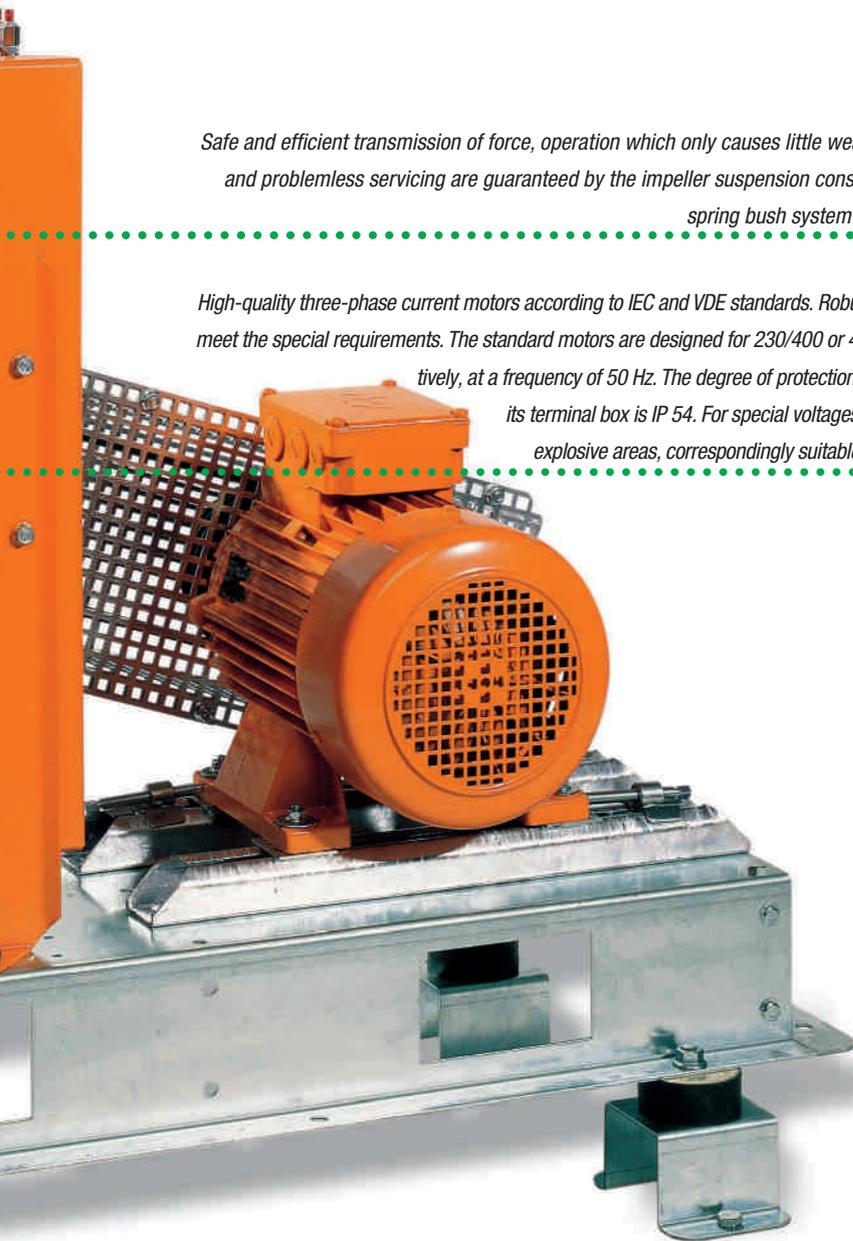


Schuko fans are designed for single-, two- or multi-stage (infinitely variable) speed ranges. The fan housing is made of steel and welded up to form a pressure-tight structure. Suction and pressure ports belong to the scope of supply. Thus, round pipelines can be directly connected with the aid of clamps or flanges.

Schuko fans guarantee the quality level of your products and ensure clean workplaces in the woodworking as well as plastics and paper processing industries without adversely affecting health due to their effective extraction of dusts and chips. The temperature of the material to be conveyed can be up to 333 K (60 °C). By the selection of a corresponding impeller, the fans can also be installed at the clean-air side.

Safe and efficient transmission of force, operation which only causes little wear of the bearings and problemless servicing are guaranteed by the impeller suspension consisting of a proven spring bush system used worldwide .

High-quality three-phase current motors according to IEC and VDE standards. Robust motor bearings meet the special requirements. The standard motors are designed for 230/400 or 400/690 V, respectively, at a frequency of 50 Hz. The degree of protection for the motor and its terminal box is IP 54. For special voltages and in potentially explosive areas, correspondingly suitable motors are used.



Schuko impellers stand out for an extremely high efficiency. The latter is based on most exact calculations and power measurements made on our factory-owned test bench.



For the suspension of the impellers, quality components are exclusively used which are more than able to cope with the loads involved in fan construction. This results in the particular wear resistance and very long lives of Schuko fans.



Schuko fans have good sound insulation, run with little vibration and reduced oscillation owing to their mounting feet designed by Schuko for this particular purpose.

Optimum planning and setting up of extraction systems



Only if you have the correct components you can plan and set up an optimum extraction plant. Schuko's component programme is a result of many years of experience. Such experience in the construction of practice-oriented extraction and filtering systems being in conformity with the statutory regulations has proved its worth. It goes without saying that you can also ask our technical field service team for advice and planning.

- Tubes**
- Branches**
- Y-branches**
- Tube bends**
- Suction manifolds**
- Reducers**
- Flexible hoses**
- Pneumatic gate valves**
- Electric gate valves**
- Manual gate valves**
- Flange rings**
- Tube clamps**

For more information, just send a fax to: 05424/80680

(or to one of our branch offices listed below)

Yes! Send us more information on Schuko extraction systems.

Company

Trade

Ms/Mr

Street/P. O. Box

ZIP/Place

Phone

Fax

Please send us a Schuko technical advisor after fixing an appointment by telephone.

A Schuko representative will only visit you if you expressly wish so and have indicated it above.

We are further interested in the following:

- Chip extraction systems
- Fans
- Briquetting presses
- Plant components, e. g. tubes, deflection hoods
- Sanding dust extraction table with certification mark
- Paint spray mist extraction systems
- Fresh-air system for a spray booth
- Evaporation and drying chamber

We are planning:

- a new installation
 - a plant extension
 - a modification
- for
- windows
 - furniture
 - interior finish

We have specific questions on:

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