

Individual and customised

Filter systems for dust - Dust separators

Klepp cartridge filter systems (KPF)

Mobile

Stationary

Ecoline

ATEX version



ADDED VALUES

- Low-noise filter cleaning
- Extremely quiet
- Efficient filter surfaces
- Sustainable
- Low operating costs



YOUR BENEFITS

Fully automatic, self-cleaning of the cartridges

through electronic cycle control

Very quiet cleaning process thanks to rotary wing nozzle (no pulse impact)!

Intensive cleaning of the folds of the cartridge over the entire surface

Vertical filter cartridges guarantee better cleaning and low deposits

due to alternating lid closure of the filter cartridges

Flexibility thanks to a large selection of detection elements

Individual table, wall or ceiling mounting possible

Quiet operating noise

due to body and sound insulation of the motor part

Individually customisable

Various cartridge materials,
add-on modules,
three different housing sizes,
several fan strengths

KLEPP filter systems for dust (KPF) ensure optimum extraction and filtering of dust

The KPF filter systems designed by us flexibly extract toxic dust at the respective point of origin and filter with a separation efficiency of up to 99.95%. This means that the working air is almost completely cleaned of harmful particles.

During the cleaning process, the individual filter cartridges are alternately closed with a lid and thus removed from the intake flow. The compressed air flows to the rotary wing nozzle and creates a rotary movement due to the arrangement of the nozzles. This cleans the pleats of the cartridge very intensively over the entire length. The cleaned particles are collected in a collection container, which can also be fitted with an optional dust sensor.

The system control is located in a separate control cabinet. This can be mounted user-friendly on the system, on the wall or in another room. An optical signal indicates and maintenance requirements. The operating hours counter, speed control and filter status display are also included for simple and intuitive operation. The dust extractors are also available in an ATEX version.

The Klepp dust separators are the ideal solution for permanent and optimised extraction and filtering pollutants, which can be used in exhaust air or recirculated air mode.

TECHNICAL DATA AT A GLANCE

Mobile

The Klepp cartridge filter systems guarantee consistent air performance and permanently ensure the optimum extraction performance for your individual location. The KPF-Ecoline version of the systems offers you attractive acquisition costs with proven quality and simple operation KPF 403-10HP eco, KPF 603-10HP eco and KPF 1003-10HP eco.

	PF 403-10HP	KPF 603-10HP	KPF 1003-10HP
Number of workstations	1 - 2 (mobile)	up to 3 (mobile)	up to 4 (mobile)
Air performance	adjustable	adjustable	adjustable
Effective air volume	440 m³/h	650 m³/h	890 m³/h
Filter class according to EN 1822	Dust class M; Cartridge material selectable according to application	Dust class M; Cartridge material selectable according to application	Dust class M; Cartridge material selectable according to application
Sound pressure level (*)	60 dB(A)	62 dB(A)	69 dB(A)

Subject to alterations; the respective current Klepp machine specification is valid.

Stationary

By connecting to an existing or new pipework system, Klepp cartridge filter systems guarantee efficient and optimum extraction performance in your production. The KPF dust filters with other filter materials, more air performance and a larger filter surface are available on request.

	KPF 1803	KPF 2103	KPF 3003
Number of workstations	stationary unit for connection to pipe system	stationary unit for connection to pipe system	stationary unit for connection to pipe system
Air performance	constant	constant	constant
Effective air volume	1.720 m³/h	2.100 m³/h	2.800 m³/h
Filter class according to EN 1822	Dust class M; Cartridge material selectable according to application	Dust class M; Cartridge material selectable according to application	Dust class M; Cartridge material selectable according to application
Sound pressure level (*)	70 dB(A)	70 dB(A)	75dB(A)

Subject to alterations; the respective current Klepp machine specification is valid.

Device with other air capacities and an ATEX version on request

(*) Measurement at the intake opening, without detection elements.

Your need, our solution
for a clean working environment.

With us get planning,
assembly and service from a single source
„MADE IN GERMANY“

For us, protecting the environment also means that our filter systems are used sustainably. Thanks to the gentle cleaning of the cartridge and the carefully selected fans, the systems run extremely long and trouble-free. For us, protecting the environment means optimising the product cycle and thus not only protecting our employees, but also protecting the environment.

In addition to extraction systems for individual workstations, our range of services also includes systems for a wide variety of processes or machines. We assemble our customised filter systems by hand from system components "Made in Germany". This means that you receive high-quality individual items from Bad Aibling. We also produce work cabinets, under-table extraction systems and suction slot channels tailored to your specific requirements, even in customised sizes.



KLEPP partner distribution

www.klepp.de



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