

EXTRACTION TECHNOLOGY

AL-KO

QUALITY FOR LIFE



MEDIUM PRESSURE DUST COLLECTOR

AL-KO POWER VAC

Mobile dust collector for extracting from portable machines and workstations as well as portable machines.




MADE IN GERMANY

alko-extractiontechnology.com



PRODUCT FEATURES

AL-KO POWER VAC

The devices of the **AL-KO POWER VAC** series are used wherever strong suction power, and a high air volume flow are required.

Typical applications include chip extraction on processing machines in window manufacturing or direct extraction on aggregates in machining centres.

Functionality:

With a vacuum pressure of up to 10,000 Pa, the resulting chips and dust are quickly and safely extracted directly at their points of origin. This ensures a smooth production process and impeccable product quality. The bag filters guarantee a high separation efficiency for both coarse particles and fine dust. Additionally, it is possible to connect a piping system to link multiple processing machines to the dust collector. The AL-KO POWER VAC devices are equipped with the proven AL-KO OPTI JET filter cleaning system and come standard with a control unit featuring an integrated frequency converter. This allows the extraction performance to be adjusted to meet operational requirements at any time.

YOUR ADVANTAGES



High suction power

up to 10,000 Pa vacuum pressure



Compact modular design

resulting in minimal space requirements



Optimal filter cleaning

through jet pulse cleaning (AL-KO OPTI-JET®)



Energy savings

through a standard frequency converter for precise adjustment of the extraction performance



CLEAN dust barrier

for increased cleanliness and health protection



Low operating noise

integrated silencer and soundproofing elements allow for installation directly in the work area

AL-KO POWER VAC 125 / 140

Typ	POWER VAC 125 P	POWER VAC 140 P
Article number	192 899	192 900
Nominal volume flow by 20 m/s *	1,000 m ³ /h	1,400 m ³ /h
Max. vacuum by nominal volume flow	10,000 Pa	8,500 Pa
Filter cleaning	Compressed air	Compressed air
Sound pressure level**	74 dB(A)	74 dB(A)
Dimensions (L / W / H) in mm	1,660 × 1,106 × 2,085	1,660 × 1,106 × 2,085
Net weight without packaging	ca. 520 kg	ca. 520 kg

*tested according to DIN EN 16770 **free-field measurement according to DIN EN 11201

 Suction nozzle 125 mm / 140 mm
  Motor nominal power 5.5 kW
  Filter area 71 m²
  Collection container max. 150 l

Options and Accessories:

- Various filter materials for different applications
- Post-filter stages in H13 or H14
- Soundproofing and exhaust hoods
- Suction accessories for direct extraction and cleaning tasks
- IE3 motors or higher quality
- Pre-separators, spark traps, and extinguishing devices
- Slide and flap valves for workplace connections
- Suction hoses in various variations

AREAS OF APPLICATION



Application image: Multi-head welding machine

- Cleaning suction for floors, machines, and workstations in industry and crafts
- Extraction from hand-held processing machines during grinding, milling, sawing, and deburring
- Suction of dry dusts up to dust class ST1
- Direct extraction at small process and work machines

HIGH-PERFORMANCE FILTER SYSTEM AL-KO OPTI JET



- Optimal filter cleaning through jet pulse cleaning
- Automatic cleaning upon reaching a certain threshold value
- Patented filter cleaning system

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AL-KO AIRTECH

AL-KO Airtech is the specialist in the manufacturing and distribution of extraction and ventilation systems. Airtech includes **AL-KO Extraction Technology** and **AL-KO Air Technology**. These business units develop and produce customized air handling systems as well as a wide range of industrial extraction systems for various applications. What began in 1931 as a small village forge is now a global brand. Then and now, the brand promise "QUALITY FOR LIFE" stands for unique product and service quality.

AL-KO EXTRACTION TECHNOLOGY

- ✔ **Over 35 years of experience** – Competence & innovation in Extraction Technology
- ✔ **Tested & certified** – highest safety and quality
- ✔ **5,000+ systems per year** – proven AL-KO quality in use
- ✔ **Diverse solutions** – Standard devices & customized systems
- ✔ **Everything from a single source** – Planning, digital tools, control & service

AL-KO THERM GMBH EXTRACTION TECHNOLOGY

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