

AL-KO

QUALITY FOR LIFE

EXTRACTION TECHNOLOGY



MOBILE RAW AIR DUST EXTRACTORS

AL-KO MOBIL AND AAS

A real asset in the workplace.



MADE IN GERMANY

alko-extractionstechnology.com

PRODUCT FEATURES

AL-KO MOBIL AND AAS

The two raw air series AL-KO MOBIL and AL-KO AAS are ideally suited for use in the processing of plastic, styrofoam, paper, metal, or glass. The robust construction and high suction power reliably ensure clean air in the workplace.

Functionality:

The raw gas side fan blows the extracted material into the separation unit, where coarse particles and chips are directly directed into the collection unit. Filter bags of dust class "L" separate the remaining residual dust before the air is returned to the room.

Applications:

- Extraction of non-hazardous dust and chips in the craft sector
- Not approved for use in the woodworking industry

YOUR ADVANTAGES



Outstanding price-performance ratio



Robust construction
for long service life



High suction power
for clean air in the workplace



Easy operation
for quick, safe use

MOBIL SERIES 100 – 200

Thanks to the low weight and solid industrial wheels, the AL-KO MOBIL raw air dust collectors can be easily transported to any location. Changing the chip bag is very simple with the help of a quick-release clamp.



| Typ | MOBIL 100 | MOBIL 125W | MOBIL 125D | MOBIL 140W | MOBIL 140D | MOBIL 160 | MOBIL 200 |
|--------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Article Number | 195 174 | 195 125 | 195 126 | 195 142 50 | 195 127 50 | 195 129 50 | 195 131 50 |
| Suction nozzle Ø | 100 mm | 125 mm | 125 mm | 140 mm | 140 mm | 160 mm | 200 mm |
| Motor Nominal Power | 0,55 kW/ 1~ | 0,75 kW/ 1~ | 0,75 kW/ 3~ | 0,75 kW/ 1~ | 0,75 kW/ 3~ | 1,5 kW/ 3~ | 2,2 kW/ 3~ |
| Voltage | 230 V/ 50 Hz | 230V/ 50 Hz | 400 V/ 50 Hz | 230V/ 50 Hz | 400 V/ 50 Hz | 400 V/ 50 Hz | 400 V/ 50 Hz |
| Nominal Volume Flow* | 800 m ³ /h | 1.200 m ³ /h | 1.200 m ³ /h | 1.500 m ³ /h | 1.500 m ³ /h | 2.200 m ³ /h | 2.500 m ³ /h |
| Max. vacuum | 1.600 Pa | 1.800 Pa | 1.800 Pa | 1.750 Pa | 1.750 Pa | 2.500 Pa | 2.500 Pa |
| Filter Area | 1,1 m ² | 2,2 m ² | 2,2 m ² | 2,2 m ² | 2,2 m ² | 2,2 m ² | 2,2 m ² |
| Chip collection volume | 90 l | 175 l | 175 l | 175 l | 175 l | 175 l | 175 l |
| Sound pressure level | 72 dB(A) | 73 dB(A) | 72 dB(A) | 74 dB(A) | 72 dB(A) | 82 dB(A) | 83 dB(A) |
| Dimensions (L/W/H) in mm | 883 x 479 x 1.622 | 1.093 x 577 x 2.300 |
| Weight | 26 kg | 51 kg | 52 kg | 52 kg | 53 kg | 53 kg | 60 kg |

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



MOBIL SERIES AAS

The stationary extraction units of the AAS series impress with their robust construction and are made of galvanized steel sheet in an all-metal housing. Largely pre-assembled elements with an included filter bag, chip bag, support feet, and mounted switch guarantee short assembly times.



AAS 1013 - 6013

| Typ | AAS 1013KS | AAS 1013 | AAS 2013KS | AAS 2013 | AAS 3013 | AAS 4013 | AAS 5013 | AAS 6013 |
|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Article Number | 195 773 01 | 199 375 01 | 195 774 01 | 199 376 01 | 192 452 01 | 195 776 02 | 195 777 02 | 195 778 02 |
| Suction nozzle Ø | 160 mm | 160 mm | 160 mm | 160 mm | 200 mm | 250 mm | 250 mm | 300 mm |
| Motor Nominal Power | 2,2 kW / 3~ | 3,0 kW / 3~ | 4,0 kW / 3~ | 5,5 kW / 3~ | 7,5 kW / 3~ |
| Nominal Volume Flow* | 2.200 m³/h | 2.200 m³/h | 2.300 m³/h | 2.300 m³/h | 3.300 m³/h | 4.700 m³/h | 5.300 m³/h | 7.500 m³/h |
| Max. vacuum | 1.900 Pa | 1.900 Pa | 2.200 Pa | 2.200 Pa | 2.700 Pa | 2.500 Pa | 2.900 Pa | 2.900 Pa |
| Filter Area | 2,2 m² | 2,2 m² | 2 x 2,2 m² | 2 x 2,2 m² | 3 x 2,2 m² | 4 x 3,5 m² | 5 x 3,5 m² | 6 x 3,5 m² |
| Chip collection volume | 175 l | 175 l | 2 x 175 l | 2 x 175 l | 3 x 175 l | 4 x 175 l | 5 x 175 l | 6 x 175 l |
| Sound pressure level | 81 dB(A) | 81 dB(A) | 81 dB(A) | 81 dB(A) | 82 dB(A) | 82 dB(A) | 84 dB(A) | 85 dB(A) |
| Dimensions (L/W/H) in mm | 1.149 x 578 x 2.115 | 1.149 x 578 x 2.115 | 1.817 x 578 x 2.115 | 1.817 x 578 x 2.115 | 2.486 x 578 x 2.115 | 3.416 x 787 x 2.754 | 4.101 x 787 x 2.754 | 4.786 x 787 x 2.754 |
| Weight | 59 kg | 61 kg | 74 kg | 76 kg | 98 kg | 182 kg | 207 kg | 236 kg |

*with filling container KS - with plastic impeller, all other variants with steel impeller

AAS 1013-AFB - 6013-AFB

| Typ | 1013 AFB | 2013 AFB | 3013 AFB | 4013 AFB | 5013 AFB | 6013 AFB |
|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Article Number | 199 451 | 199 452 | 199 457 | 199 458 | 199 459 | 199 460 |
| Suction nozzle Ø | 160 mm | 160 mm | 200 mm | 250 mm | 250 mm | 300 mm |
| Motor Nominal Power | 2,2 kW / 3~ | 2,2 kW / 3~ | 3 kW / 3~ | 4 kW / 3~ | 5,5 kW / 3~ | 7,5 kW / 3~ |
| Nominal Volume Flow* | 2.200 m³/h | 2.200 m³/h | 3.300 m³/h | 4.700 m³/h | 5.300 m³/h | 7.500 m³/h |
| Max. vacuum | 1.900 Pa | 2.200 Pa | 2.700 Pa | 2.500 Pa | 2.900 Pa | 2.900 Pa |
| Filter Area | 2,2 m² | 2 x 2,2 m² | 3 x 2,2 m² | 4 x 3,5 m² | 5 x 3,5 m² | 6 x 3,5 m² |
| Chip collection volume | 135 l | 2 x 135 l | 3 x 135 l | 4 x 135 l | 5 x 135 l | 6 x 135 l |
| Dimensions (L/W/H) in mm | 1.149 x 578 x 2.115 | 1.817 x 578 x 2.115 | 2.486 x 578 x 2.115 | 3.416 x 787 x 2.754 | 4.101 x 787 x 2.754 | 4.786 x 787 x 2.754 |
| Weight | 74 kg* | 103 kg* | 139 kg* | 238 kg* | 277 kg* | 319 kg* |

*with filling container

AL-KO

QUALITY FOR LIFE

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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