

EXTRACTION TECHNOLOGY

AL-KO
QUALITY FOR LIFE



MOBILE AND STATIONARY

AL-KO INDUSTRIAL VACUUM CLEANER

Powerful solutions for
cleaning and direct extraction.



MADE IN GERMANY

alko-extractiontechnology.com



PRODUCT FEATURES AL-KO INDUSTRIAL VACUUM CLEANER

AL-KO industrial vacuum cleaners – for a clean and safe working environment.

AL-KO industrial vacuum cleaners offer the ideal solution for workplace cleanliness – from powerful compact vacuum cleaners for flexible use in workshops or on assembly sites to stationary central vacuum systems with piping networks and connection options for entire production areas.

Your advantages:

- Versatile applications – from mobile compact vacuum cleaners to stationary central vacuum systems
- Safe application for special cases – also suitable for flammable or explosive materials
- Efficient dust and dirt extraction – accessories bring suction power directly to the extraction point

Tested safety:

Official test marks demonstrate the suitability of AL-KO vacuum cleaners even for demanding applications. This gives our customers the confidence to rely on tested and reliable technology.



HIGHLY EFFECTIVE PERMANENT FILTER ELEMENTS



Star filter:

- Application: coarse and fine dust and chips
- High separation efficiency with filter class “M”
- Cleanable with manual or automatic shaking device



Cartridge filter:

- For use with high fine dust generation
- Long service life due to large filter area
- High filtration performance with filter class “M”
- Manual cleaning, Dustop cleaning, or automatic cleaning with Jet-Pulse

AL-KO JET STREAM STANDARD VACUUM CLEANER

Compact and powerful:

Whether for quick cleaning of the workplace or for extracting individual workpieces – AL-KO offers the right vacuum cleaner for every cleaning task. Equipped with powerful drives and highly efficient permanent filters, the devices ensure reliable and sustainable cleaning.



Type	JS 360/50 230V	JS 350/80 400V	JS 700/80 400V
Article Number	197 000	197 122	197 123
Motor Nominal Power	2.3 kW	3.0 kW	7.5 kW
Voltage	230 V	400 V	400 V
Max. vacuum	25,000 Pa	32,000 Pa	32,000 Pa
Maximum volumetric flow	360 m³/h	350 m³/h	700 m³/h
Suction nozzle	50 mm	80 mm	80 mm
Filter type	Cartridge	Pleated filter	Pleated filter
1st filter stage	Polyester, PTFE, "M"	Polyester, "M"	Polyester, "M"
2nd filter stage, filter material, class	none	none	none
Filter cleaning	Dustop	manual	manual
Collection container	20 l	45 l	100 l
Dimensions (L / W / H) in mm	590 × 480 × 1,100	1,000 × 550 × 1,250	660 × 1,180 × 1,750
Net Weight without Packaging	35 kg	85 kg	170 kg
Drive			
Application	General cleaning tasks in crafts and industry	Continuous use, e.g., metal processing, packaging industry, plastics	For high power requirements, e.g., recycling, metalworking, construction



Accessories:

All vacuum cleaners are equipped with an electrically conductive accessory set.


AL-KO JET STREAM M

The best-selling vacuum cleaner for woodworking.

The AL-KO Jet Stream M is the ideal solution for applications in wood processing and manufacturing.



- **High suction power**
Ideal for cleaning and direct extraction on handheld machines
- **Universally applicable**
Suitable for all common hose diameters thanks to the adapter
- **Compact & mobile**
Space-saving, ideal for assembly and workshop
- **Robust design**
Sturdy frame for daily use in craftsmanship
- **Reliable technology**
For professional requirements in woodworking

Type	JS M 3G
Article Number	192 684
Motor Nominal Power	1.4 kW
Voltage	230 V
Max. vaccum	25,000 Pa
Maximum volumetric flow	273 m³/h
Suction nozzle	21, 29, 33, 36 and 38 mm
Filter type	Flat pleated filter
1st filter stage	Polyester, "M"
2nd filter stage, filter material, class	none
Filter cleaning	automatic / shaking device
Collection container	41 l
Dimensions (L / W / H) in mm	625 × 385 × 454
Net Weight without Packaging	21 kg
Drive	
Application	Woodworking, cleaning vacuuming, extraction on handheld machines



Hooks for cables and accessories



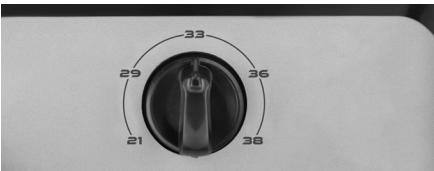
Accessories on the vacuum cleaner



Antistatic accessories



Filter cleaning



Various diameters can be selected for the accessories



Connection of power tools

AL-KO JET STREAM VACUUM CLEANER ACD AND EX

The solution for combustible dust:

More and more materials and dust are being classified as combustible. This places increased demands on cleaning equipment – particularly with regard to fire and explosion protection.


Application areas:

- Cleaning of areas with combustible dust
- Use in non-ATEX classified zones (ACD series)
- Use in ATEX Zone 22 (Jet Stream 180/80)
- Optional use as a wet vacuum cleaner (only Jet Stream 180/80)

Advantages:

- High safety when handling combustible dust
- Flexible use due to compact design and various device configurations
- High filtration performance through multi-stage filter systems
- Reliable suction power thanks to robust technology



Type	JS 360/50 230V ACD	JS 360/80 230V ACD	JS 540/80 230V ACD	JS 180/80 230V EX
Article Number	197 117	197 116	197 118	197 119
Motor Nominal Power	2.3 kW	2.3 kW	3.5 kW	1.2 kW
Voltage	230 V	230 V	230 V	230 V
Max. vacuum	25,000 Pa	25,000 Pa	25,000 Pa	25,000 Pa
Maximum volumetric flow	360 m³/h	360 m³/h	540 m³/h	180 m³/h
Suction nozzle	50 mm	80 mm	80 mm	80 mm
Filter type	Pleated filter	Pleated filter	Pleated filter	Collection bag
1st filter stage	Polyester, "M" antistatic	Polyester, "M" antistatic	Polyester, "M" antistatic	Polyester, "M" antistatic
2nd filter stage, filter material, class	HEPA H14	HEPA H14	HEPA H14	HEPA H14
Filter cleaning	manual	manual	manual	none
Collection container	40 l	45 l	60 l	80 l
Dimensions (L / W / H) in mm	440 × 420 × 780	580 × 630 × 1,300	660 × 830 × 1,470	550 × 630 × 1,260
Net Weight without Packaging	25 kg	45 kg	60 kg	42 kg
Classification				



Accessories:

All vacuum cleaners are equipped with an electrically conductive accessory set.

CENTRAL VACUUM CLEANERS FOR EXTRACTION POINTS AND PIPELINE SYSTEMS

Efficient extraction for multiple workstations – central, space-saving, powerful.

For applications with multiple extraction points, a central vacuum cleaner combined with a pipeline system is often the most economical and effective solution.

Advantages of central vacuum systems:

- Central material collection – extracted material is collected in one place – no need to empty at each station
- Powerful for continuous use – extraction at up to 15 suction points simultaneously
- Flexible installation possible – CLEAN VAC series suitable for outdoor installation
- Energy-efficient through intelligent control – frequency converter automatically adjusts suction power to open extraction points
- Ideal for direct extraction – particularly suitable for handheld processing machines
- Space-saving and quiet – no additional space required and no additional noise at the extraction points



Type	JS 1.350/120 400V	CLEAN VAC 8.5	CLEAN VAC 12.5
Article Number	197 121	197 490	197 489
Motor Nominal Power	18.5 kW	8.5 kW	12.5 kW
Voltage	400 V, 50 Hz	400 V, 50 Hz	400 V, 50 Hz
Max. vacuum	40,000 Pa	23,000 Pa	25,000 Pa
Maximum volumetric flow	1,350 m³/h	860 m³/h	1,500 m³/h
Suction nozzle	120 mm	133 mm	133 mm
Filter type	Pleated filter	Filter cartridge	Filter cartridge
1st filter stage	Polyester, "M" antistatic	Polyester, "M" antistatic	Polyester, "M" antistatic
2nd filter stage, filter material, class	none	Bag Filter, "M"; H13/H14	Bag Filter, "M"; H13/H14
Filter cleaning	automatic shaker, pneumatic	automatic compressed air	automatic compressed air
Collection container	160 l	200 l	200 l
Sound pressure level	81,5 dB(A)	72 dB(A)	72 dB(A)
Dimensions (L / W / H) in mm	1,800 × 770 × 2,000	1,956 × 1,038 × 2,430	1,956 × 1,038 × 2,430
Net Weight without Packaging	265 kg	770 kg	800 kg

ACCESSORIES

With the AL-KO industrial vacuum cleaner accessories, you can optimally bring the suction power of the device to the extraction point

Product		Art. No.
	Device connector Ø 50 mm for suction hose	197 105
	Device connector Ø 80 mm/50 mm for suction hose	197 050
	Antistatic PE suction hose Ø 40 mm, length 3 m, including cuffs	197 058
	Antistatic PE suction hose Ø 40 mm, length 5 m, including cuffs	197 106
	Antistatic PE suction hose Ø 50 mm, length 3 m, including cuffs	197 060
	Antistatic PE suction hose Ø 50 mm, length 5 m, including cuffs	197 107
	Hand tube in aluminum Ø 40 mm	197 004
	Hand tube in aluminum Ø 50 mm	197 113
	Floor suction nozzle with rollers and bristles Ø 40 mm/working width 430 mm	197 005
	Floor suction nozzle with rollers and bristles Ø 50 mm/working width 430 mm	197 108
	Flat crevice nozzle made of aluminum Ø 40 mm/length 500 mm	197 109
	Flat crevice nozzle made of aluminum Ø 50 mm/length 500 mm	197 110
Piping components		
	Galvanized steel pipe, Ø 50 mm, Ø 76 mm, Ø 108 mm, Ø 133 mm	
	Branch 45°, galvanized steel, with extended connections, Ø 50/50/50 mm, Ø 76/76/50 mm, Ø 108/108/76 mm, other diameters on request	
	Elbow 90°, galvanized steel, Ø 50 mm, Ø 76 mm, Ø 108 mm, Ø 133 mm, other diameters on request	
	Connector, galvanized, Ø 50 mm, Ø 76 mm, Ø 108 mm, Ø 133 mm	

We would be pleased to provide you with an overview of our full range of piping and accessories.

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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