

Extraction technology
QUALITY FOR LIFE

AL-KO



**MOBILE AND STATIONARY
EXTRACTION SYSTEMS**

Stationary and mobile extraction systems

AL-KO offers for wood-processing businesses (for example joiners, carpenters or furniture manufacturers) extraction systems with added value. AL-KO extraction systems can, however, also completely extract other materials in addition to woodshavings: for example substitute wood materials, plastics, stone materials, paint mist, metal swarf, paper or even welding fumes. Extraction systems from AL-KO can therefore guarantee smooth-running production processes and stand for safe working. AL-KO extraction systems can be best described like this: reliable in the extraction of dust and shavings, quiet operation and compact, space-saving construction.

Our new generation of mobile extraction systems and extraction plants is optimised for energy consumption, and saves the user considerable energy costs within the unit service life – true to our motto “SAVE ENERGY”.



AL-KO equipment extracts

✓ Wood materials:

Shavings and dust impedes the production process and workers' health, especially during processing of wood materials (for example in joineries or carpenters shops or during furniture production). AL-KO developed its extraction systems decades ago based on this necessity, and is nowadays the market leader for extraction systems in the wood processing sector.

✓ Paint mist:

Spray painting processes often have hazardous side-effects. Any paint mist developing must be meticulously extracted right at the source in order to completely avoid poisonous gases or paint mist in the working environment.

✓ Stone materials:

Whether it's during stonemason work or construction material production, the hard consistency of stone materials comes with considerable hidden health risks for the user during the production process. Direct and continuous extraction removes stone dust and minimal stone particles right where they occur.

✓ Plastics:

High precision working procedures and the high qualities required in the plastics or plexiglass material sectors can only be achieved if cutting and milling locations are free of swarf and residual materials. Efficient extraction is of great importance for product quality.

✓ Welding fumes

Toxic fumes and flying sparks are caused at welding workplaces. Extraction at welding workplaces is therefore extremely important for ensuring safe working without damage to health.

✓ Substitute wood materials:

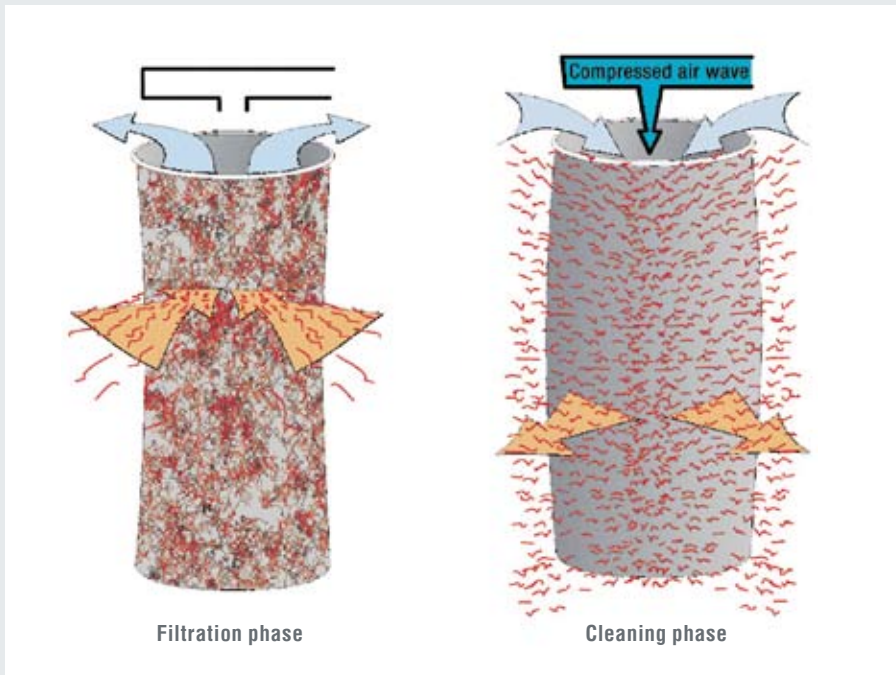
Many materials are substituted nowadays for a range of reasons. But even if composite materials, for example, are being processed instead of wood materials, powerful extraction technology is indispensable. AL-KO has the right extraction device for every application.

And a wide range of other possibilities.



AL-KO opti JET® – cleaning

Clean air

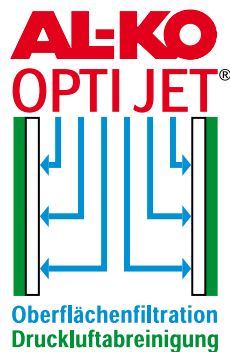
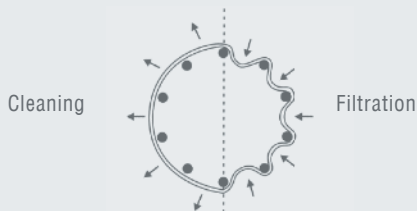


I thanks to low residual dust content using the established AL-KO opti JET® process

An optimum composition of surface filtration and jet cleaning makes it possible to retain a residual dust content of below 0.1 mg/m³ safely and permanently.

The advantage of surface filtration is that swarf and dust is separated on the surface of the filter material, which means particles cannot even penetrate the filter medium. During the filtration phase, the filter material is in contact with the supporting basket which forms a star-shaped cross-section.

During jet cleaning, the second component of the AL-KO opti JET® process, the filter tube is forced back to its original shape using a compressed air wave so that the filter cake is blasted off the surface and fine dusts are flung off.



Low operating costs

I due to long filter life

The filter material is extremely durable throughout stable filter resistance due to its special surface treatment, and can be washed up to three times in addition.

I due to low compressed air consumption

The filter is blown up for around 1 second during jet cleaning, and in doing so only 1/7 of the air consumption is provided by the compressor, 6/7 is “free” surrounding air which the compressed air jet drags in with it. This means that a smaller compressor is sufficient for an optimum cleaning result.

I due to heating cost savings

The heat remains in the room because air is recirculated into the workshop.

I due to low erection costs

The extraction unit is pre-fitted precisely in our works. This reduces both the time and money required for erection considerably.

I due to optimum compressed air cleaning

The filter is always optimally maintained during operation due to the continuous filter cleaning. Fitting the filter is made considerably easier thanks to the use of a snap ring closure.

I regulation-conform

For example in the timber sector (ATEX guideline /H3).

Stationary extraction systems

Stationary extraction systems from AL-KO stand out due to their extra-special advantages. Their construction does not just offer safe statics for operating the equipment under full load, but also provide exceptionally good thermal insulation and soundproofing – this is important energetically for air recirculation of cleaned air into the working room. The modular construction of the AL-KO eco JET and AL-KO profi JET makes it possible for the extraction systems to continue to “grow” if operations are extended. This means that every stationary extraction unit from AL-KO can be added to at any time – and this is extremely inexpensive due to the particularly simple and rapid erection facilities available from all AL-KO extraction systems’ modular construction.





B1
Bauart 1
Geeignet zum Absaugen
brennbarer Stäube der
Staubexplosionsklassen
St 1 und St 2



HQ Geeignet zur Abscheidung
von Holzstaub
Feinstaubgehaltsstufe 3
0,2 mg/m³
erhalten

profi JET System filter equipment

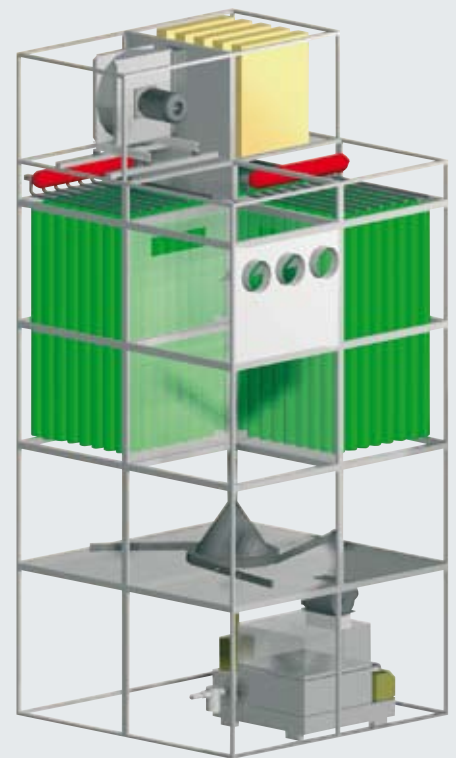
With the AL-KO module program profi JET, it is possible to customize a filter system to your individual needs with choice of different standard modules. Depending on the requirements, an existing system can be expanded or modified by adding or replacing modules. This way, it is possible to increase the air flow volume as well as change the form of discharge even of an operating system.

Discharge options

Disposal containers, briquette presses, moving floor conveyor, chain floors, rotating disposal device to container or silo filling using rotary airlock valves are available as discharging variants.

Quality

At the same time, the production of the AL-KO modules in accordance with DIN ISO 9001 ensures constant quality at a very good cost-performance ratio level.



ADVANTAGES OF THE PANEL DESIGN

Heat insulation

Returned air will not be cooled down, improved heat recirculation for lower costs for heating in the factory

Fire prevention

fire-resisting intermediate layer

Noise reduction

Noise insulating mineral fibre; wall thickness 48 mm

Explosion-protection



eco JET

Compact filter systems

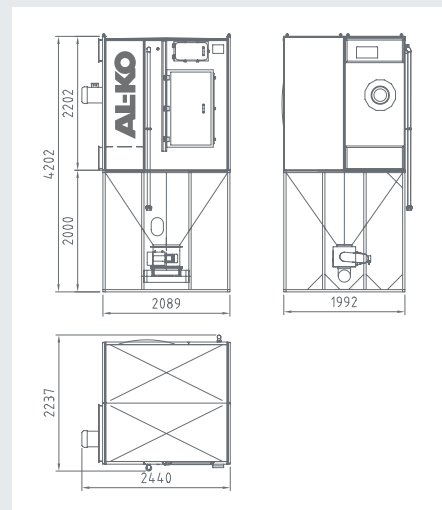


The perfected, single-shell panel design ensures reliable statics at full load operation of the system. Special sound absorbers reduce noise emissions to a minimum. Furthermore, energy-saving fans are used in eco JET extraction systems, which permits energy-efficient operation and saves costs. Installing the eco JET extraction systems is especially easy and quick. If the system's perfor-

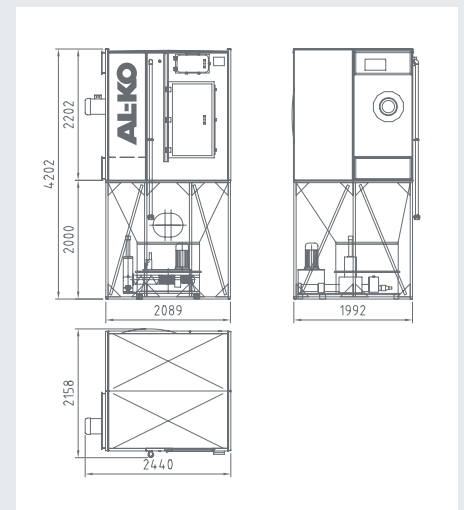
mance should need to be increased at a later date – when, for example, the factory is fitted with additional workplaces – this is no problem with eco JET. The system is controlled by a PLC with machine detection and is programmable with no restrictions. Naturally, the controller can also be upgraded as required at a later date.

Discharge options

Whether containers for chips and dust collection or discharge using a rotary airlock valve, screw conveyor, moving floor conveyor or briquette press – the eco JET leaves nothing to be desired.



AL-KO eco JET-DUO with rotary airlock valve



AL-KO eco JET-DUO with briquette press

ECO JET

| Specifications | 2 A | 3 A-L-XL | 4 A-L-XL | 5 A-L-XL | 6 A-L-XL |
|----------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Vacuum | 1 900 – 2 650 Pa | 3 700 – 4 200 Pa | 2 500 – 4 200 Pa | 2 100 – 3 700 Pa | 2 250 – 3 000 Pa |
| Motor rating | 4 kW | 5,5 – 11 kW | 7,5 – 15 kW | 11 – 15 kW | 11 – 15 kW |
| Flow rate | 1 725 – 2 650 m ³ /h | 2 500 – 4 200 m ³ /h | 6 045 – 10 000 m ³ /h | 6 045 – 10 000 m ³ /h | 7 770 – 10 000 m ³ /h |
| Filter area | 11.5 – 17.3 m ² | 23 – 38.8 m ² | 28.8 – 58.2 m ² | 40.3 – 77.6 m ² | 51.8 – 97 m ² |
| Depth x Length | 1 225 x 2 440 mm | 1 225 x 2 440 mm | 1 225 x 3 084 mm | 1 225 x 3 950 mm | 1 225 x 4 563 mm |
| Height | 3 004 mm A | 3 004 mm A | 3 004 mm A | 3 004 mm A | 3 004 mm A |
| Height | 3 609 mm A-L | 3 609 mm A-L | 3 609 mm A-L | 3 609 mm A-L | 3 609 mm A-L |
| Height | – | 4 104 mm A-XL | 4 104 mm A-XL | 4 104 mm A-XL | 4 104 mm A-XL |

Discharge options

In addition to energy-efficient and complete extraction of dusts and swarf, the question of recycling or discharge of the extracted materials must be addressed. The extracted wood material can be classically emptied into silos, containers or “big bag” collectors via rotation disposal devices and a rotary airlock valve.

Further extraction variations such as chain conveyors, screw conveyors or moving floor conveyors can also be used.

So-called briquette presses can be used for recycling the wood as a heating material, and with these the extracted woodchippings are pressed into handy briquettes immediately after extraction.

ROTARY AIRLOCK VALVE



| Specifications | | ZRS 440 | ZRS 960 |
|------------------------|-------------|--------------|--------------|
| Infeed | | 250 x 440 mm | 250 x 960 mm |
| Outfeed | | 208 x 440 mm | 208 x 960 mm |
| Construction height | | 330 mm | 330 mm |
| Weight complete | | 70 kg | 100 kg |
| Revolution speed | Star feeder | 4 rpm | 4 rpm |
| Max. conveyor capacity | | 7 250 L/h | 15 500 L/h |
| Revolution speed | Star feeder | 12 rpm | 12 rpm |
| Max. conveyor capacity | | 21 750 L/h | 47 450 L/h |
| Temperature range | | up to 130 °C | up to 130 °C |

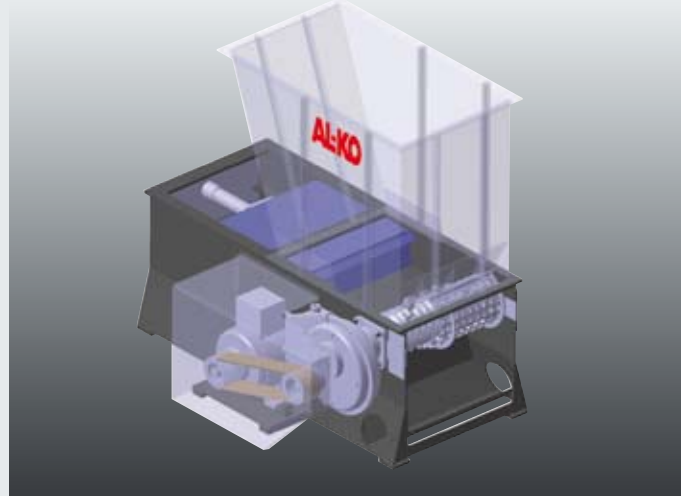
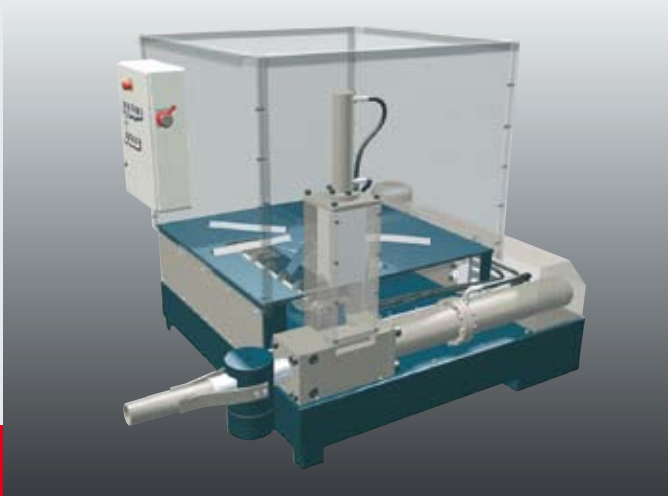
Rotating disposal device

I Depending on requirements:
 Outfeed using flangeable rotary airlock valves of 960 or 440 mm, for example via a circulating duct into a silo, or for direct feeding to a silo, or using screw conveyors into a briquette press.

I Material buffer facilities.
 The compactly-built rotating disposal device is recommended as an alternative to a discharge chute for unpressurised removal from stationary equipment. The bulk goods are intercepted by spring steel packages and discharged via a rotary airlock valve or screw conveyor. This type of discharge achieves an extremely good result at low overall height.



Briquette press, Shredder



| Specifications | APC 30/50 S | APC 50/70 S | APV 40 | APV 60 | APV 80 | APV 100 | APV 120 |
|--------------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|
| Briquette diameter | 50 mm | 70 mm | 50 mm | 50 mm | 50 mm | 60 mm | 70 mm |
| Capacity | 30 – 50 kg/h | 50 – 70 kg/h | 30 – 50 kg/h | 60 – 80 kg/h | 80 – 100 kg/h | 100 – 120 kg/h | 120 – 150 kg/h |
| Motor rating | 5.5 kW | 7.5 kW | 5.5 kW | 7.5 kW | 7.5 kW | 7.5 kW | 7.5 kW |
| Weight | 650 kg | 750 kg | 800 kg | 820 kg | 870 kg | 1 000 kg | 1 050 kg |

| Specifications AL-KO shredder 630 x 800 | | | |
|---|--------------------|-------------------------|--------------|
| Intake | 630 x 800 mm | Power requirement | 15 – 18.5 kW |
| Capacity | 0.6 m ³ | Cutting tool | 30 |
| Rotor diameter | 260 mm | Screen sizes | 8 – 40 mm |
| Rotor speed | 70 – 90 rpm | Suction nozzle diameter | 160 mm |
| | | Weight | 1 300 kg |
| | | Overall length | 1 737 mm |
| | | Overall width | 1 167 mm |
| | | Overall height | 1 650 mm |

Mobile extraction systems

The mobile extraction system series from AL-KO has extremely high reliability when extracting dusts and swarf, quiet operation and compact, space-saving construction. The high extraction capacity at low noise levels is the result of pinpoint further development of AL-KO's mobile extraction systems. Thanks to energetic optimisation, the user saves considerable energy costs throughout the service life. The AL-KO opti JET, a thorough and functional filter cleaning method, increases filter service life and keeps separation capacities constant over longer periods.





SIZES

Pure air dust extractors

- | AL-KO POWER UNIT 300
- | AL-KO POWER UNIT 250
- | AL-KO POWER UNIT 200
- | AL-KO POWER UNIT 160
- | AL-KO POWER UNIT 140
- | AL-KO POWER UNIT 120
- | AL-KO POWER UNIT 100

Industrial vacuum cleaners

- | JET STREAM

Paint mist extractors

- | COLOUR JET

Raw air dust collectors

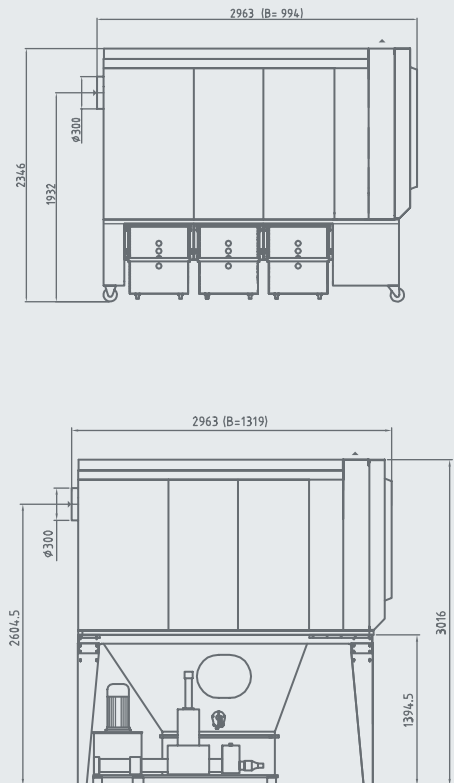
- | AAS 6000
- | AAS 5000
- | AAS 4000
- | AAS 3000
- | AAS 2000
- | AAS 1000
- | mobil 200
- | mobil 160
- | mobil 140
- | mobil 125
- | mobil 100

Pure air dust extractors

- | **Clean air:** Air recirculation into the room is a crucial factor in the clean air sector. This feed air is tilted by AL-KO extraction systems down to below 0.1 mg/m^3 residual dust content.
- | **Low maintenance costs:** the AL-KO opti JET[®] process cleans the filter medium regularly so that filter service life is considerably extended.
- | **Low operating costs are a core expertise at AL-KO:** 100% air recirculation means space heat is retained and heating costs are saved.
- | **Low noise levels:** the integrated soundproofing element in AL-KO extraction systems reduces noise levels to a minimum.



POWER UNIT 300 for a clean production



BENEFITS

- | Compact construction
- | High suction power
- | Integrated pre-separator
- | BG-tested
- | Controller can be extended
- | 100 % air recirculation
- | Universally usable
- | Optimum filter cleaning (even during operation)

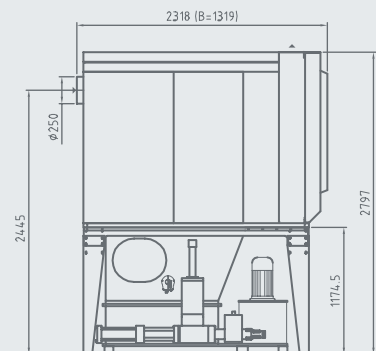
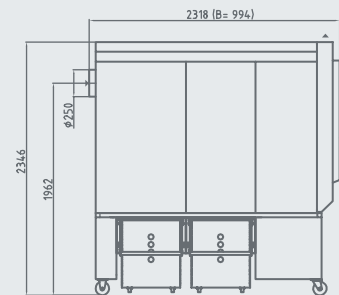
AL-KO POWER UNIT 300

| Specifications | 300 P | 300 P-BP | 300 P-ZRS |
|--------------------------------|------------------------|------------------------|------------------------|
| Suction connection | 300 mm | 300 mm | 300 mm |
| Nominal motor rating | 7.5 kW/3 Ph | 7.5 kW/3 Ph | 7.5 kW/3 Ph |
| Voltage | 400 V/50 Hz | 400 V/50 Hz | 400 V/50 Hz |
| Max. flow rate | 6000 m ³ /h | 6000 m ³ /h | 6000 m ³ /h |
| Nominal flow rate* | 5089 m ³ /h | 5089 m ³ /h | 5089 m ³ /h |
| Vacuum | 2280 Pa | 2280 Pa | 2280 Pa |
| Filter area | 30 m ² | 30 m ² | 30 m ² |
| Swarf collection volume | 3 x 250 L | Briquette press | Rotary airlock valve |
| Dimensions (L/W/H) in mm | 2963 x 994 x 2346 | 2963 x 1319 x 3018 | 2963 x 1006 x 3016 |
| Briquette/Rotary airlock valve | – | 50 – 70 kg/h** | 45 000 L/h |
| Briquette diameter | – | 70 mm | – |
| Weight | 880 kg | 1500 kg | 880 kg |

* GS-H-07. ** Depending on material.

Pure air dust extractors

POWER UNIT 250 for a clean production



AL-KO POWER UNIT 250

| Specifications | 250 P | 250 P-BP | 250 P-ZRS |
|--------------------------------|------------------------|------------------------|------------------------|
| Suction connection | 250 mm | 250 mm | 250 mm |
| Nominal motor rating | 6.5 kW/3 Ph | 6.5 kW/3 Ph | 6.5 kW/3 Ph |
| Voltage | 400 V/50 Hz | 400 V/50 Hz | 400 V/50 Hz |
| Max. flow rate | 4900 m ³ /h | 4900 m ³ /h | 4900 m ³ /h |
| Nominal flow rate* | 3534 m ³ /h | 3534 m ³ /h | 3534 m ³ /h |
| Vacuum | 2740 Pa | 2740 Pa | 2740 Pa |
| Filter area | 22.4 m ² | 22.4 m ² | 22.4 m ² |
| Swarf collection volume | 2 x 250 L | Briquette press | Rotary airlock valve |
| Dimensions (L/W/H) in mm | 2318 x 994 x 2345 | 2318 x 1319 x 2797 | 2318 x 1006 x 2797 |
| Briquette/Rotary airlock valve | – | 30 – 50 kg/h** | 45000 L/h |
| Briquette diameter | – | 50 mm | – |
| Weight | 680 kg | 1020 kg | 680 kg |

* GS-H-07. ** Depending on material.

POWER UNIT 200

for a clean production



AL-KO POWER UNIT 200

| Specifications | 200 P | 200 P-BP |
|--------------------------------|-------------------------|-------------------------|
| Suction connection | 200 mm | 200 mm |
| Nominal motor rating | 2.9 kW / 3 Ph | 2.9 kW / 3 Ph |
| Voltage | 400 V / 50 Hz | 400 V / 50 Hz |
| Max. flow rate | 3010 m ³ / h | 3010 m ³ / h |
| Nominal flow rate* | 2262 m ³ / h | 2262 m ³ / h |
| Vacuum | 2174 Pa | 2174 Pa |
| Filter area | 13.7 m ² | 13.7 m ² |
| Filter cleaning | Compressed air | Compressed air |
| Swarf collection volume | 2 x 241 L | Briquette press |
| Dimensions (L/W/H) in mm | 2322 x 830 x 2050 | 2322 x 1319 x 2336 |
| Briquette/Rotary airlock valve | – | 30 – 40 kg / h** |
| Briquette diameter | – | 50 mm |
| Weight | 320 kg | 950 kg |

* GS-H-07. ** Depending on material.

Pure air dust extractors

POWER UNIT 160
for a clean production



POWER UNIT 140
for a clean production



AL-KO POWER UNIT 160 / 140

| Specifications | 160 P / 160 H | 160 K** | 140 P / 140 H |
|--------------------------|-------------------------|------------------------|-------------------------|
| Suction connection | 160 mm | 160 mm | 140 mm |
| Nominal motor rating | 2.2 kW/3 Ph | 2.2 kW/3 Ph | 2.2 kW/3 Ph |
| Voltage | 400 V/50 Hz | 400 V/50 Hz | 400 V/50 Hz |
| Max. flow rate | 2000 m ³ /h | 2000 m ³ /h | 1600 m ³ /h |
| Nominal flow rate* | 1448 m ³ /h | 1448 m ³ /h | 1108 m ³ /h |
| Vacuum | 2503 Pa | 2503 Pa | 2591 Pa |
| Filter area | 9.0 m ² | 9.0 m ² | 6.3 m ² |
| Filter cleaning | Compressed air / manual | Compressed air | Compressed air / manual |
| Swarf collection volume | 241 L | 241 L | 241 L |
| Dimensions (L/W/H) in mm | 1684 x 830 x 2050 | 1684 x 830 x 2050 | 1557 x 830 x 2050 |
| Weight | 288 kg | 308 kg | 222 kg |

* GS-H-07. ** K – Compressor integrated

POWER UNIT 120
for a clean production

POWER UNIT 100
for a clean production



AL-KO POWER UNIT 120/100

| Specifications | 120 | 120 M** | 100 | 100 |
|--------------------------|-------------------------|-------------------------|-----------------------|-----------------------|
| Suction connection | 120 mm | 120 mm | 100 mm | 100 mm |
| Nominal motor rating | 1.5 kW/3 Ph | 1.5 kW/3 Ph | 1.1 kW/1 Ph | 1.5 kW/3 Ph |
| Voltage | 400 V/50 Hz | 400 V/50 Hz | 230 V/50 Hz | 400 V/50 Hz |
| Max. flow rate | 1 140 m ³ /h | 1 140 m ³ /h | 790 m ³ /h | 790 m ³ /h |
| Nominal flow rate* | 814 m ³ /h | 814 m ³ /h | 565 m ³ /h | 565 m ³ /h |
| Vacuum | 2 180 Pa | 2 180 Pa | 2 104 Pa | 2 104 Pa |
| Filter area | 4.3 m ² | 4.3 m ² | 3.5 m ² | 3.5 m ² |
| Swarf collection volume | ca. 135 L | ca. 135 L | ca. 135 L | ca. 135 L |
| Dimensions (L/W/H) in mm | 1 178 x 650 x 1 972 | 1 178 x 650 x 1 972 | 1 178 x 650 x 1 972 | 1 178 x 650 x 1 972 |
| Weight | ca. 103 kg | ca. 104 kg | ca. 98 kg | ca. 98 kg |

*GS-H-07. **M version with automatic filter cleaning and machine detection.

Industrial vacuum cleaners

AL-KO offers extraction systems for all sizes and applications from under one roof, including the perfect easy-to-hand extension to our mobile extraction program: the AL-KO JET STREAM. This powerful, mobile and compact industrial vacuum cleaner ensures that thorough cleaning of the workshop is quick and easy. The JET STREAM cleans up where extraction systems cannot be used. The JET STREAM is constructed in accordance with GS-HO-07.

JET STREAM



BENEFITS

- | Dust class M
- | Automatic switch-on and switch-off
- | Automatic timelag
- | Antistatic version
- | Fully automatic filter cleaning
- | Low-dust discharge using filter bags
- | Wet / dry cleaner
- | Universally usable
- | Low working noise

JET STREAM

Specifications

| | |
|--------------------------|---------------------|
| Nominal size | 35 mm |
| Power consumption | 1200 W/1 Ph |
| Voltage | 230 V/50 Hz |
| Max. flow rate | 3180 L/m |
| Max. Vacuum | 210 mbr |
| Filter area | 0.55 m ² |
| Container volume | 41 L |
| Dimensions (L/W/H) in mm | 505x370x640 |
| Weight | 11 kg |

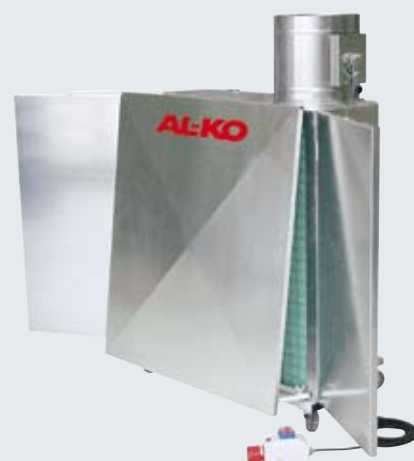
Accessories: Industrial set (8 pcs.).

Paint mist extractor



Extraction systems are indispensable in toxic areas. With this in mind, AL-KO has developed the COLOUR JET extraction device specially for paint mist workplaces. The mobile construction and plug and play implementation makes an easy use in the workroom. In addition to this, the AL-KO extraction system has a high separation rate to ensure unimpaired worker activity.

COLOUR JET



BENEFITS

- | Compact construction, space-saving
- | Powerful, high extraction capacity, lower operating costs
- | Maintenance-friendly, long filter service life
- | Universally usable, variable accessories
- | High flexibility
- | Mobile construction
- | Extraction technology with front panel system

COLOUR JET

| Specifications | Typ 1 | Typ 2 | Typ 3 | Typ 4 |
|--------------------------|-------------------------|-----------------------------|-----------------------------|-------------------------|
| Nominal motor rating | 1.5 kW | 0.75/2.1 kW | 0.75/2.1 kW | 2.2 kW |
| Motor speed | 1 410 min ⁻¹ | 960/1 430 min ⁻¹ | 960/1 430 min ⁻¹ | 1 430 min ⁻¹ |
| Flow rate | 4 600 m ³ /h | 6 800 m ³ /h | 6 800 m ³ /h | 6 800 m ³ /h |
| Usable pressure | 500 Pa | 500 Pa | 500 Pa | 500 Pa |
| Dimensions (W/H/D) in mm | 1 025 x 1 437 x 1 214 | 1 025 x 1 437 x 1 214 | 1 905 x 1 437 x 1 214 | 1 905 x 1 437 x 1 214 |
| Width* | 2 000 mm* | 2 000 mm* | 2 800 mm* | 2 900 mm* |
| Filter area | 1 m ² | 1 m ² | 2 m ² | 2 m ² |
| Weight | 175 kg | 176 kg | 248 kg | 248 kg |

* with side panels opened out.

Raw air dust collectors

If air does not need to be recirculated back into the room, extraction can also be carried out using so-called raw air dust collectors. True to the AL-KO philosophy, these mobile extraction devices are of modular and compact construction, and are exceptionally robust. The high extraction capacity is implemented through the use of optimised fans with high efficiency.

AAS 6000 – 1000



MOBIL 200 – 100



BENEFITS

- | Universally usable
- | Especially robust construction
- | Considerably reduced dust content
- | Filter bag Category G
- | Top price/performance ratio
- | High extraction capacity
- | Rapid assembly time due to modular construction

Optional:
filter cartridges, floor cleaning set

| AAS 6000 – 1000 | | | | | | |
|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Specifications | 6000 | 5000 | 4000 | 3000 | 2000 | 1000 |
| Suction connection | 300 mm | 250 mm | 250 mm | 200 mm | 160 mm | 160 mm |
| Nominal motor rating | 5 500 m ³ /h | 4 500 m ³ /h | 3 500 m ³ /h | 2 500 m ³ /h | 1 500 m ³ /h | 1 000 m ³ /h |
| Max. flow rate | 7 300 m ³ /h | 5 300 m ³ /h | 4 300 m ³ /h | 3 300 m ³ /h | 2 300 m ³ /h | 1 800 m ³ /h |
| Max. Vacuum | 2 900 Pa | 2 900 Pa | 2 900 Pa | 2 900 Pa | 2 700 Pa | 2 700 Pa |
| Filter area | 6 x 3 m ² | 5 x 3 m ² | 4 x 3 m ² | 3 x 2.2 m ² | 2 x 2.2 m ² | 2.2 m ² |
| Swarf collection volume | 6 x 175 L | 5 x 175 L | 4 x 175 L | 3 x 175 L | 2 x 175 L | 175 L |
| Motor power | 7.5 kW/400 V | 5.5 kW/400 V | 4 kW/400 V | 3 kW/400 V | 2.2 kW/400 V | 2.2 kW/400 V |
| Dimensions (L/W/H) in mm | 4 500 x 780 x 2 620 | 3 860 x 780 x 2 620 | 3 220 x 780 x 2 620 | 2 480 x 570 x 2 185 | 1 810 x 570 x 2 185 | 1 140 x 570 x 2 185 |
| Weight | 290 kg | 265 kg | 200 kg | 100 kg | 65 kg | 55 kg |

| MOBIL 200 – 100 | | | | | |
|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|-----------------------|
| Specifications | 200 | 160 | 140W/140D | 125W/125D | 100* |
| Suction connection | 200 mm | 160 mm | 140 mm | 125 mm | 100 mm |
| Nominal motor rating | 2.2 kW/3 Ph | 1.5 kW/3 Ph | 1.1 kW/1 Ph/0.75 kW/3 Ph | 0.75 kW/1 Ph/0.75 kW/3 Ph | 0.75 kW/1 Ph |
| Voltage | 400 V/50 Hz | 400 V/50 Hz | 1.1/230 V/0.75/400 V** | 0.75/230 V/0.75/400 V** | 230 V/50 Hz |
| Flow rate | 2 500 m ³ /h | 2 200 m ³ /h | 1 650 m ³ /h | 1 350 m ³ /h | 865 m ³ /h |
| Vacuum | 2 700 Pa | 2 500 Pa | 1 750 Pa | 1 600 Pa | 1 780 Pa |
| Filter area | 3.0 m ² | 2.2 m ² | 2.2 m ² | 1.6 m ² | 1.1 m ² |
| Swarf collection volume | 175 L | 175 L | 175 L | 175 L | 90 L |
| Dimensions (L/W/H) in mm | 1 090 x 580 x 2 298 | 1 090 x 580 x 2 098 | 1 090 x 580 x 2 098 | 1 090 x 580 x 2 098 | 896 x 581 x 1 699 |
| Weight | 43 kg | 40 kg | 40 kg | 40 kg | 25 kg |

*2 m hose included in delivery. ** 50 Hz. !! Use in the wood industry is not permitted in Germany. !!



We reserve the right to make technical changes.

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