

EXTRACTION TECHNOLOGY

AL-KO

QUALITY FOR LIFE



OIL AND EMULSION MIST SEPARATOR

AL-KO OIL JET

Powerful single-station extraction units for the extraction of coolants/lubricants on lathes and machining centers.




MADE IN GERMANY

alko-extractiontechnology.com

Efficient coolant and lubricant extraction directly at the machining tool.

The two standard units, AL-KO OIL JET 600 and OIL JET 1200, are the perfect solution for direct extraction of oil and emulsion mist on all common turning, grinding, and milling machines.

Areas of Application

The AL-KO OIL JET units are used wherever oil and emulsion mist generated during the manufacturing process needs to be directly extracted from the machining area of modern cutting machines. Depending on the size of the machining area, operating time, and the coolant used, either the OIL JET 600 model or the more powerful OIL JET 1200 model is employed. The AL-KO OIL JET units are suitable for all common coolants/lubricants and can be mounted directly on the machining tool or placed next to it on an optional stand column.



AL-KO OIL JET 600 on a machining center

How It Works

The highly effective filtration system of the AL-KO OIL JET units features three standard filter stages that clean the extracted air from emulsion components and material particles.

- 1. Filter Stage:** Washable metal mesh filter
- 2. Filter Stage:** Filter mat (LoTex®) with frame
- 3. Filter Stage:** Main filter cassette (ePM1 80%)

The first filter stage separates coarse particles. The second filter stage consists of a drained, nano-coated mat that separates and directs emulsion components. The third filter stage removes the finest residual particles. The emulsion separated primarily in the second filter stage is collected in the lower part of the unit and can be drained.



AL-KO OIL JET Filtration System

Advantages

- Compact design
- High separation efficiency due to 3-stage filtration system
- Energy-efficient EC motors
- Easy, tool-free filter replacement
- Many options

Areas of Application

- Lathes
- Machine tools
- Cutting machines



Compact design of the AL-KO OIL JET system

Options and Accessories

- Manometer for monitoring filter resistance (1)
- Potentiometer for adjusting suction power (2)
- H13 filter instead of regular 3rd filter stage
- Stand column for positioning the OIL JET units
- Oil-resistant suction hose
- 400 V connection voltage



(1) Pressure gauge



(2) Potentiometer

Technical Data

Typ	OIL JET 600	OIL JET 1200
Article Number	197354	197355
Intake Nozzle Ø	150 mm	150 mm
Motor Rated Power	169 W	500 W
Voltage	230 V / 50 Hz.	230 V / 50 Hz.
Volume Flow	600 m ³ /h	1.200 m ³ /h
Volume of the CNC Machining Area	1 – 6 m ³	4 – 8 m ³
Filtration System	3-stage 1. Filter stage: Metal mesh 2. Filter stage: Filter mat (LoTex®) 3. Filter stage: Main filter (ePM1 80%)	
Sound Pressure Level	65	69
Dimensions (W × D × H)	625 × 500 × 580 mm	685 × 500 × 580 mm
Weight	28 kg	33 kg

All specifications are approximate values. Technical changes and errors reserved.

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 divisions 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 today a global brand. Then and now, the brand promise „QUALITY FOR LIFE“ stands for unique product and service quality.

AL-KO EXTRACTION TECHNOLOGY

- 35 years of experience in extraction technology
- More than 5,000 extractions systems per year
- All systems in proven AL-KO quality
- Extensive range of standart units
- Customized solutions for various applications
- All competencies from a single source:
 - Planning and consulting
 - Digital tools
 - System control
 - Comprehensive service packages

AL-KO THERM GMBH EXTRACTION TECHNOLOGY

Hauptstraße 248 – 250
89343 Jettingen-Scheppach
Tel.: +49 8225 39 2412
et_contact@alko-air.com

© AL-KO THERM GmbH, images show configuration examples that are not available in all markets. Please ask your AL-KO advisor. Changes in serving technical progress reserved. Liability for errors and printing mistakes excluded.



[alko-extractionstechnology.com](https://www.alko-extractionstechnology.com)