



**INDUSTRIAL
DUST EXTRACTION
SOLUTIONS**



Formula Air

Your partner in industrial dust extraction, centralized cleaning and ventilation.

Over the last 30 years we have been manufacturing and distributing industrial dust extraction products in Europe. We support installers, contractor and OEM'S by providing the best air quality solutions with the right expertise, ready-to-use techniques and innovations.

Our aim is to contribute to a clean air & sustainable working environment by providing you the best dust

- easy access to standard products
- energy efficient solutions for industrial processes
- reliable partnership and seamless customer service
- increased productivity & improved profitability

Direct service

If you need standard products, we can ship a wide range of ducting items and ventilators from stock from our European distribution centre within 24 hours.

Engineer Service

If you are looking for a non-standard product or installation, our technical engineers can co-develop the solution. We can produce the engineered items in one of our factories.

Consult Service

If you have a specific problem for your dust extraction, our sales engineers of the Technical Pool can propose and offer a complete solution, build out of standard products.

Technical pool

Sales Engineers specialized in designing the solution based on your briefing. Complete technical information, 2D & 3D drawings are available.

200
Formula Air Group employees

7 000 m²
Warehouse

7 000
Product types

8 000 m²
Production facilities

60 000
Products in stock

#FORMULAAIRLIFE



Formula Air duct systems

Easy to assemble duct
systems for any industry

We offer ducting in a comprehensive range of diameters and accessories for fast and easy installation, and our products can be used for particle transport, welding extraction, etc.

You can choose material, connection method and various other options for your dust extraction solution. If you are after something else than our standard product range, we can offer tailor-made products.

- One-stop shop for all installation components
- Easy to assemble
- Easy to take apart when cleaning or reconfiguring
- Easy to connect to other systems
- All products tested
- 100% airtight options for oil mist
- Laser-welded ducts for a smoother surface
- Full welded range is also available

One-stop shop for duct systems

Galvanized & AISI ducting components



2 & 3 mm powder coated ducting components



High vacuum ducting components



Other available materials:

- 2 & 3 mm hot dipped galvanized
- 2 & 3 mm AISI 304
- Aluminium

Ducting components conforming the ATEX directive



BADA
non-return valve



Rotary valve



Fire
damper



Throttle valve



Other ATEX products:

- Fans
- Filters
- Sliding dampers
- Venting panels
- Extinguishing systems



High efficiency centrifugal fans

Formula Air fans cover an air volume from 50 to 288.000 m³/h for the low, medium or high pressure environments.

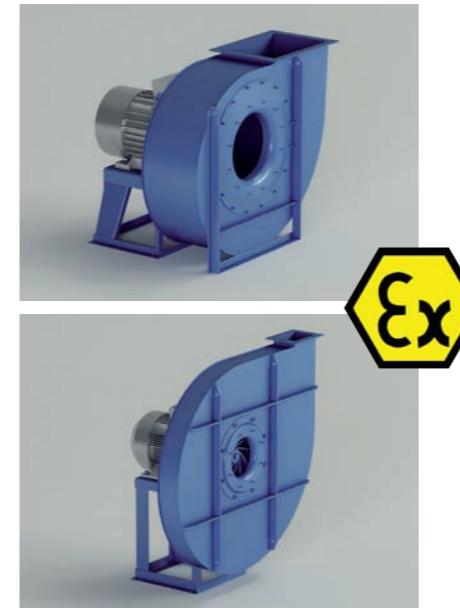
We offer a wide range of fans in order to assure a solution for any ventilation project.

Clean air models

Drying, air conditioning, cooling, pressurizing, ventilation, and various gases, dust extraction

Loaded air models

Sawdust, various types of shavings, granular material, fiber material and pneumatic transport or centralized cleaning



- Low, medium or high pressure
- Hot dipped galvanized steel, AISI 304 or AISI 316
- Direct or belt driven
- 6 executions
- Standard or ATEX certified
- Air flow **Up to 288 000 m³/h**
- Pressure **Up to 25 000 Pa**
- Sizes **From 220 up to 1800**
- Installed motor power **up to 315 kW**
- Standard RAL 5010 execution

Most fan models in stock





Complete and sustainable solutions for air filtration

Our air filtration products are made for the extraction of **dust, fume & oil mist**. Also available in an ATEX version in case of potentially explosive powder.



Cartridge filters

- Designed for filtration of welding smoke, grinding dusts, cutting smoke and dusty air containing metal, rocks, plastics or various powder mixes
- The cartridges are pleated so there is a high-level filtering surface area available
- Compact design, easy to install, move and transport.
- Up to 100 000 m³/h



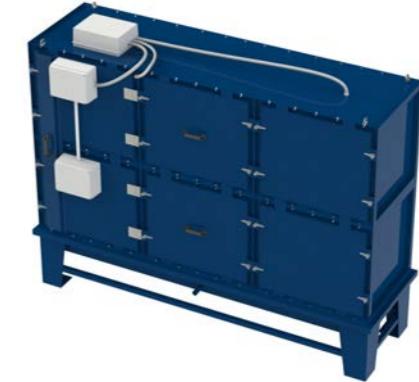
Sleeve filters

- High performance sleeve filters with pneumatic cleaning used in wood, paper, cardboard & plastic industries



Oil mist filters

- Made for separating oil mist aerosols in process air from processing machines, where cooling lubricants are used
- Low in maintenance & noise levels



Electrostatic filters

- Designed for ultra-fine particles, such as fine dust, viruses, bacteria, fungi, gas
- Low in maintenance & noise levels



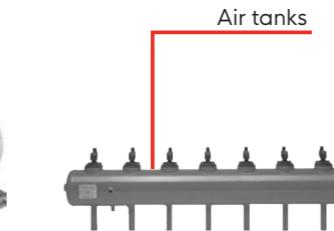
High vacuum filters

- Compact units for high vacuum
- Used as vacuum cleaners or connection to hand tools

Filter accessories



Valves



Air tanks

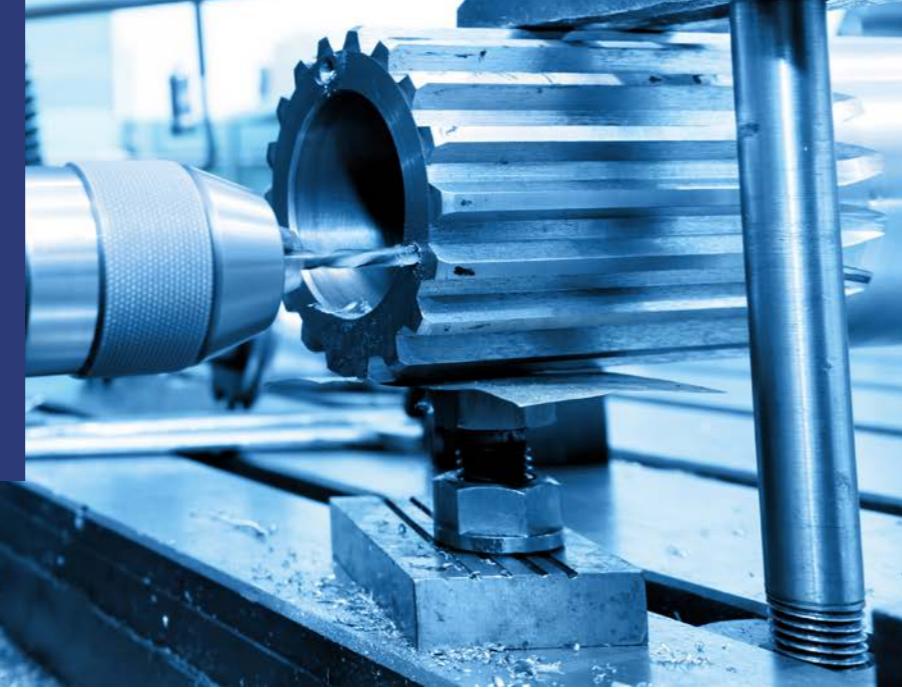


Filter cartridges



Filter Bags

Proven solutions with fume extraction products for metalworking



Fume extraction components for various metalworking operations including grinding, turning, machining, drilling and surface treatment.

Flexible fume extraction arms

- Hanging or standing version
- Can be mounted on walls or tables
- Standard length up to 4 m and rotational extensions are available
- ATEX certified version available



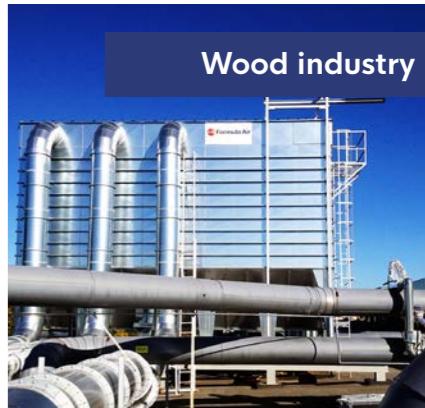
Suction tables & suction walls

- Various hanging, mobile or stationary fume extraction products
- High suction level



Fans for extraction arms

- Can overcome significant air flow resistances
- Particularly efficient within the local exhaust systems



**Components
for complete
projects**

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