AirTech P10

Suitable for

Circulation of large volumes of air





AirTech P10 (image includes options)

DGUV Test
Gefahrstoffgeprüft Schweißrauch-abscheideklasse W3

Description

The main areas of application are industrial plants/welding shops where localised extraction is not possible and/or where the AirTech system is to be used in addition to keeping the air in the hall clean.

The polluted air is sucked in through the side-mounted intake ducts, whose collection point is located at a height of approx. 3 m, and fed into the filter section. Here, the particulate pollutants are deposited on the surface of the filter cartridges.

The filter cartridges are cleaned fully automatically at the required intervals using compressed air. The particles adhering to the cartridges are loosened by the compressed air blast and collected in a dust collection container. The cleaned air is fed back into the work area via individually adjustable long-range nozzles. This also directs the polluted air towards the intake ducts.

In the event of an error message, the fan is automatically switched off. At the same time, the system control unit emits a visual and acoustic signal to warn the user.

The AirTech series is certified in accordance with DIN EN ISO 21904-1/-2 and has been tested for hazardous substances by the IFA (Institute for Occupational Safety and Health of the German Social Accident Insurance - formerly BGIA) and approved for welding fume class W3 as a stationary welding fume extraction device. However, this approval is only valid if the system is used to capture fumes at the point of origin.

Many types of dust, including welding fume particles, are combustible when exposed to ignition sources. The user must take appropriate measures to avoid these specific hazards. In particular, care must be taken to ensure that no ignition sources are sucked in during operation of the system. For explosive substances, please request a separate quote in accordance with ATEX.

Systems that serve as welding fume extraction systems do not release the system operator from the obligation to provide



Technical Data

AirTech P10	
Max. volumetric flow of the fan	10 000 m³/h
Motor performance	11,0 kW
Separation efficiency	≥ 99 %
Dimensions (W x D x H)	800 x 1200 x 3990 mm (Width incl. canals 5130 mm, depth incl. jets 1455 mm)

Our Hotline
+49 25 41 84 84 1 300

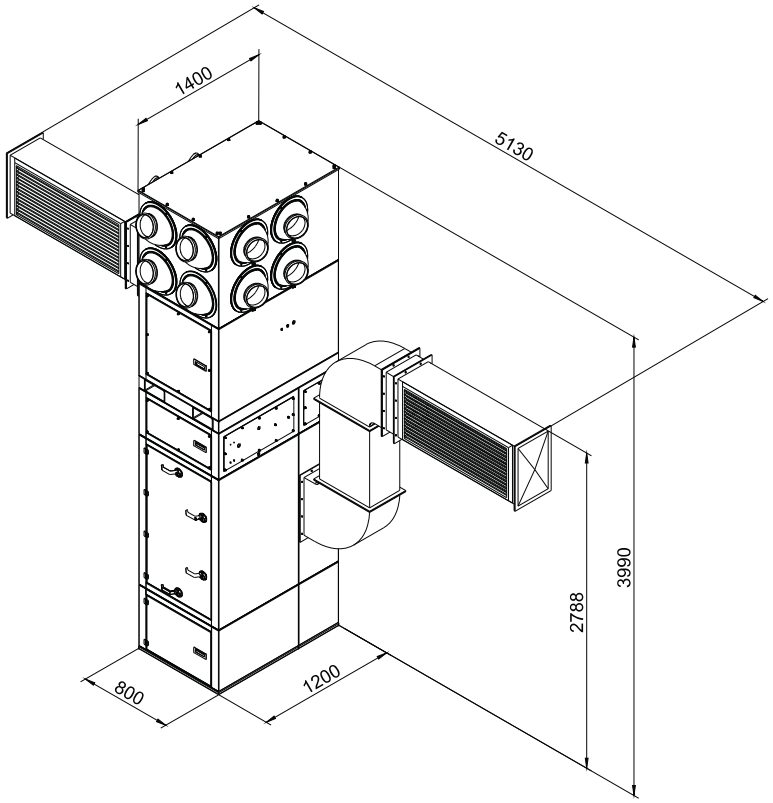
appropriate personal protective equipment for his employees.
When processing stainless steels, collection elements must be used.

Standard equipment

- Housing made of sturdy sheet steel (powder-coated inside and outside)
- Wear- and maintenance-free, fully automatic cleaning via POWER-SPRAY system
- Filter housing with air inlet openings on both sides
- Cleaning system with compressed air tank
- Fan with soundproof housing
- Filter cartridges of dust class M
- Intake ducts
- Display control
- NANNOX filter aid
- PE bag for the dust collection tray

Available as an option

- Frequency converter
- Spark trap (set of 2)
- Safety system with particle sensor, extinguishing device and door with viewing windows



Available versions

AirTech P10	Spark latches, set of 2
950141610	9501491906

Subject to changes and errors. Illustrations may contain optional equipment.