

NEW

Compact unit for welding fumes

AIRBOX



Ideal for

Welding fume

Soldering fume

Highly efficient welding fume filter at entry level conditions

AIRBOX is the new compact unit for welding fume extraction from ESTA. The mobile welding fume filter is a dependable companion for metalworkers, and offers flexible areas of application at attractive entry level conditions.

The integrated EC fan ensures particularly low operating costs and guarantees the highly efficient unit operation.

The combination of pre-separator system and filter cartridge ensures the AIRBOX's very high degree of separation. The purified air is returned to the working area through outlets located close to the floor. The compact unit is equipped with a two metre long extraction arm. Because only with an intake right at the source is it possible to effectively extract welding fumes.

The rotating and pivoting hood covers a very large intake area. Its special shape means users are not required to perform frequent tracking adjustments during welding. In contrast to conventional extraction arms, the support structure is on the exterior. This avoids pressure losses and guarantees an effective extraction process and low maintenance requirements.



Areas of application

- » Compact unit for welding fume extraction
- » Fume extraction right at the source
- » Flexible applications in metal processing
- » Optional: Soldering fume extraction

Technical Data

AIRBOX		
Max. Airflow	m ³ /h	1.000
Intake diameter	mm	140
Max. negative pressure	Pa	1.350
Voltage	V	230
Motor	kW	0,5
Filter surface	m ²	12
Dimensions (L/W/H)	mm	794 × 690 × 1.130*
Weight	kg	100**
Sound emission	dB(A)	69
Order Number		55500

* without extraction arm / ** with extraction arm

Special features

- » High quality filter cartridge
- » Integrated impact separator for the pre-separation of coarse and heavy particles
- » Extraction arm with external support structure

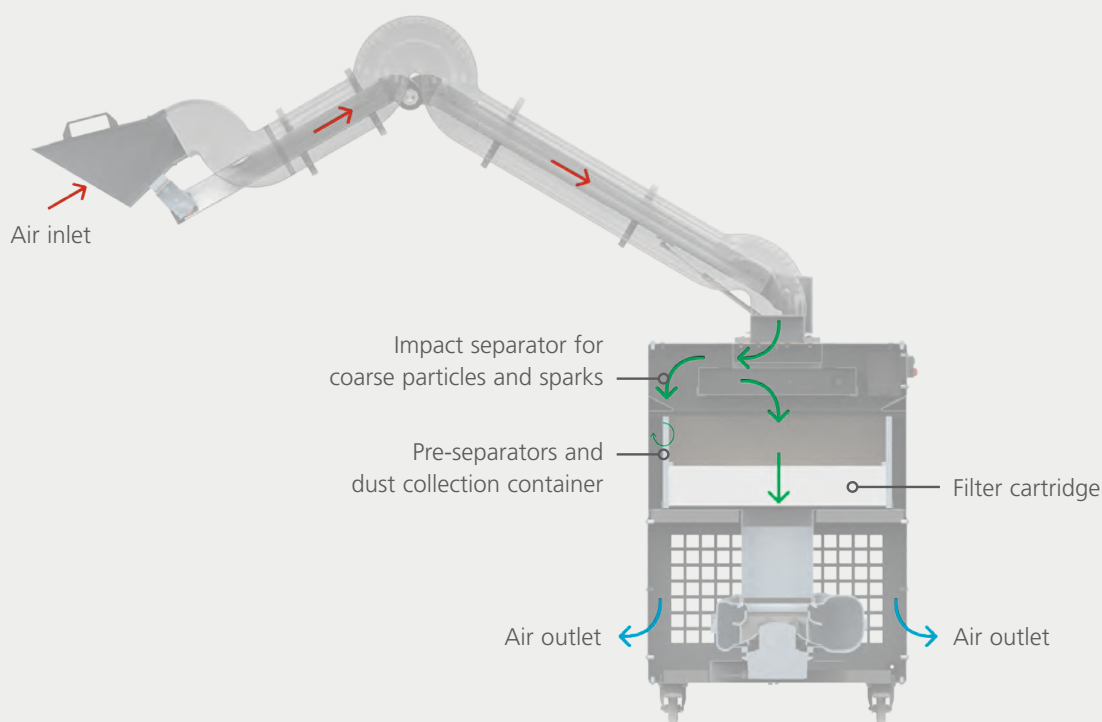
Your benefits

- » Flexible fume extraction, right at the source
- » Highly efficient unit operation thanks to EC fan
- » Low operating noise thanks to quiet-running motor
- » Mobile application
- » Low space requirement
- » Simple dust disposal

Special versions

- » In short: IFA test certificate W3 for high-alloy steels

Operating principle



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ESTA Extraction Technology

For over 45 years ESTA extraction technology has offered solutions for a multitude of industries and trades. From stand-alone units for the most diverse applications to complex extraction systems – we consistently ensure a clean working environment. ESTA equipment not only protects your high-tech machinery investments but also creates the prerequisites for highly efficient and quality oriented work results.

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