

NEW

Compact unit for welding fumes

AIRBOX



Ideal for

Welding fume

Soldering fume



Highly efficient welding fume filter with excellent price-performance ratio

AIRBOX is an effective although compact welding fume extraction unit for varying welding needs. Equipped with state-of-the-art EC fan technology, AIRBOX ensures highly efficient unit operation allowing for very low operating costs. As such, it can be characterized as a dependable companion for metalworkers, that offers flexible areas of application at attractive entry level conditions.

The unit comes as standard with a 6.6 feet long extraction arm. This allows for source capture that effectively extracts the welding fumes where it originates. The extraction arm features a 360° rotating and highly pivot-able range. The special hood shape allows a very large intake range, which reduces necessary adjustments during welding to a minimum.

In contrast to conventional extraction arms, the support structure is on the exterior. This avoids pressure losses and guarantees a comparable more effective extraction process and low maintenance requirements.

The combination of a pre-separator system and a 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.

Easy maintenance is further ensured by tool-less access to the dust drawer that can easily be emptied by tilting and opening a plug in its corner. Filter change requirement is indicated by an included pressure gauge.

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	cfm	650
Max. negative pressure	iwg	4.5
Intake diameter	mm	140
Voltage	V	110
Motor	HP	0.75
Filter surface	ft ²	130
Dimensions (L/W/H)	inch	29.53 × 25.59 × 45.28*
Weight	lb	243**
Sound emission	dB(A)	69
Order Number	55500US	

* 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 and special hood shape
- » Pressure gauge indicates filter change requirement

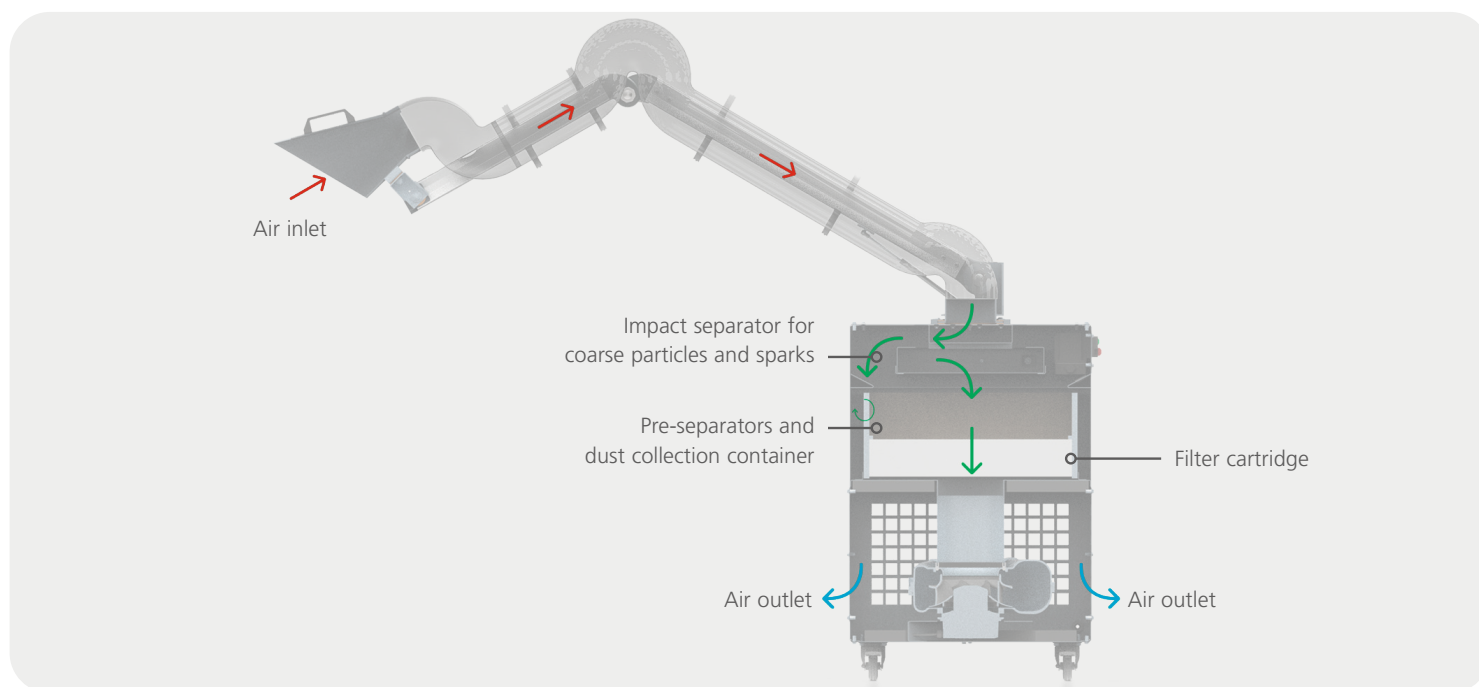
Your benefits

- » 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

- » 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.

Contact us and request our complete catalogue free of charge.

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