

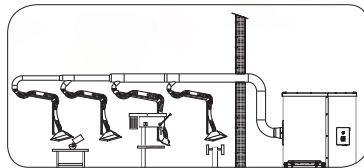
Welding Fume Filters

Stationary Welding Fume Filters

MOBEX F



MOBEX F-60



With a pipe system or a hose, the MOBEX series can be connected to processing machines for direct extraction

Application Range

- » Single- or multi-extraction of welding fumes
- » Welding of all metals
- » Extraction of robot welding booths

Special Versions/Accessories

- » Available in a IFA-W3-tested version for extracting welding fumes from high-alloy steel
- » Special voltage
- » Exhaust air connection
- » **NEW** Pipe pre-separator
- » Spark pre-separator
- » Extinguishing device



Test certificates (optional)

W3



Product-Video



MOBEX F-40 with extraction arm

ESTA PLUS

Special Features

- » A new sandwich-panel housing design
- » Pulse-jet filter cleaning
- » Integrated impact separator

Your Benefits

- » Low operating costs thanks to cleanable permanent filter (Dust classification M)
- » Long filter life due to a pre-separation system
- » Low operating noise thanks to a sound-insulated housing
- » Minimal space requirements
- » Easy, dust-free removal of collected material through a new disposal system

Technical Data

MOBEX		F-40	F-60	F-80
Max. Airflow	m ³ /h	2.800	4.500	5.600
Intake diameter	mm	224	280	300
Max. negative pressure	Pa	3.400	3.400	3.300
Voltage	V	400	400	400
Motor	kW	3,0	4,0	4,0*
Filter elements	Piece	2	3	4
Filter surface	m ²	40	60	80
Dust collection container	l	100 – 150 (2 × 38**)	100 – 150 (2 × 38**)	100 – 150 (2 × 38**)
Dimensions (L/W/H)	mm	1.910 × 1.040 × 2.030***	2.030 × 1.040 × 2.030***	2.030 × 1.040 × 2.030***
Weight	kg	310	350	415
Sound emission	dB(A)	71	74	77
Order Number				
Standard		09.837	09.838	–
With spark pre-separator		09.837 FA	09.838 FA	09.853 FA
With test certificate W3		09.835	09.836	–
eco+		09.848	09.849	09.853

* Other impeller ** with dust collection box *** without spark trap

NEW

Stationary Welding Fume Filters MOBEX F *eco*⁺



The *eco*⁺ series combine outstanding extraction and filtration performance for maximum efficiency at low operating costs. All thanks to the new ESTA EasyControl device control with sophisticated sensor technology and the application of frequency converters.

MOBEX F *eco*⁺ design:

- » ESTA EasyControl device control
- » Frequency converter for fan motors
- » Programmable timer
- » Dust sensors in the raw gas and clean air areas for performance control as well as residual dust and filter break monitoring
- » Level measurement in collection container



ESTA EasyControl is a newly-developed device control that ensures energy-efficient device operation with state-of-the-art sensor technology. Power savings of up to 50% compared to conventional differential pressure controls are obtained through current volume flow measurement and the fully-automated regulation of the extraction performance based on the operating parameters.

Dust Extractors

High Vacuum
Extraction Units

Welding Fume
Filters

Oil Mist
Separators

Carbon Filter

Downdraft
Tables

Extraction Fans

Extraction Arms

Filter Towers

Central Extraction
Systems

Pipe Systems