

## ESTA MOBEX F-40 FA



### DESCRIPTION

The stationary welding fume filters in the MOBEX F series have been designed for the effective extraction of welding fumes. The devices are mainly used in the metal industry for single and multi-station extraction. Up to four extraction points can be serviced simultaneously via a pipe system. The MOBEX F series is based on a new housing concept with a patent-pending fold system and is optionally available with the IFA test certificate W3 for high-alloy steels.

### FEATURES

- High suction performance
- Low operating costs thanks to cleanable permanent filter
- Long filter life due to a pre-separation system
- Low operating noise thanks to a sound-insulated housing
- Small space requirement due to compact design
- Easy, dust-free removal of collected material through a new disposal system
- Minimal Space requirements

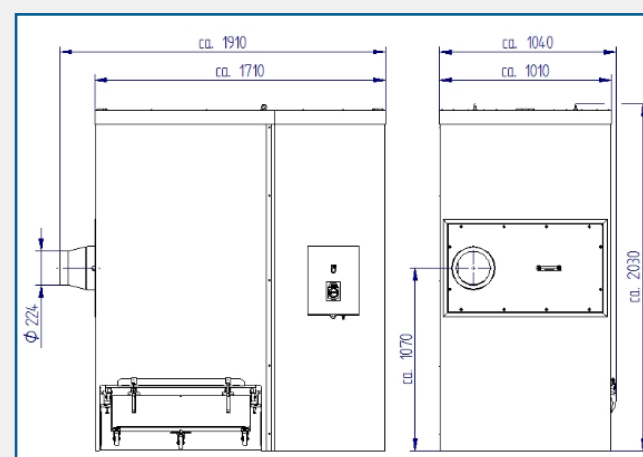
### CHARACTERISTICS

- Automatic jet pulse cleaning system
- Cleanable long life filter cartridges (dust classification M)
- Integrated impact separator
- Easy to replaceable dust collection bins
- New housing structure of sandwich panel

### TECHNICAL SPECIFICATION

Dimensions (LxWxH)	1910 x 1040 x 2030 mm
Voltage	400 V
Motor	3.0 kW
Frequency (Rated)	50 Hz
Fuse	16 A
Max. Negative Pressure	3400 Pa
Max. Airflow	2800 m <sup>3</sup> /h
Sound Level	71 db(A)
Filter Surface	28 m <sup>2</sup>
No. of filter elements	2 pc
Filter Cleaning	Jet-Pulse
Weight	310 kg
Intake	224 mm
Dust Collection Bin	100-150 litres
Compressed air requirement*	ca. 19 l/impuls
Compressed air connection	4-6 bar

### DIMENSIONS



### PART CODE/ORDERING TABLE

ESTA Mobex F-40	DF-HV40-003
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AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

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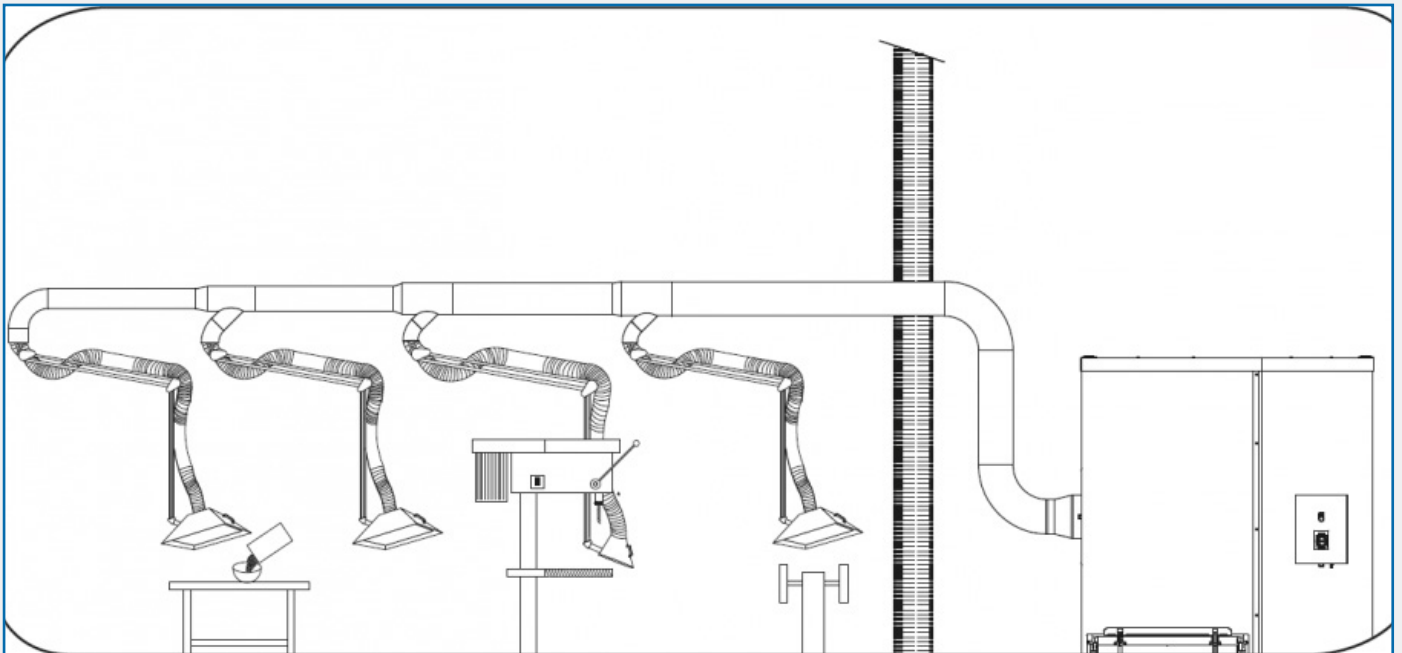
### APPLICATION RANGE

- Single and multiple extraction in industrial plants or smaller workshops
- Dry, pourable, non-flammable welding fumes
- Welding of all metals
- Extraction of robot welding booths
- Ideal for:
  - Welding Fume
  - Soldering Fume

### MODIFICATIONS

- Filter cartridges with advanced properties with pre-separator
- Mobile on wheels (H + 107 mm)
- With dry contact for external control
- Exhaust air socket
- Test certificates for special applications (W3)
- The welding fume filters in the MOBEX F series are optionally available with the IFA test mark W3 for the extraction of welding fumes from high-alloy steels.

### MOBEX INSTALLATION EXAMPLE



### INSTALLATION APPLICATIONS

- On-torch extraction
- Connection to duct for spot extraction for weld fume via extraction arms and hoods
- Central solder fume extraction unit

### ACCESSORIES AVAILABLE

- Extraction Pipes
- Floor nozzle for floor clean-up
- Additional plastic filling bags
- Steel ducting
- On tool extraction hose connections
- Nozzles for machine process extraction

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