

## Compact Extractor *MOBEX P*

Now also available in **eco+** design!



MOBEX P-24

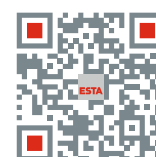
### Application Range

- » Universal use for dusts and shavings in the metal and plastics industries and many others
- » Single- or multiple-location extraction at machines that produce dust or shavings, or at welding stations
- » Polishing workplaces, for example in the shoe industry, instrument making, etc.



#### Ideal for

- Metal dust
- Metal shavings
- Plastic shavings
- Plastic dust



Product-Video

### Special Versions

- » Special filter materials
- » Special voltage
- » **NEW** Pipe pre-separator
- » Exhaust air connection
- » ATEX version
- » Test certificate H

### Special Features

- » Innovative sandwich-panel housing design
- » Pre-separation system with integrated impact separator on the raw gas inlet
- » Jet pulse cleaning
- » A new disposal system with lockable dust collection cartons (tested by the IFA)
- » Optional: Mobile version available

### Your Benefits

- » 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

Data dependent on equipment type



The MOBEX-dust extractors can also be used in combination with an ESTA Extraction table.



MOBEX P-24 at a milling machine

# Dust Extractors

**NEW**

## Compact Extractor

### MOBEX P eco<sup>+</sup>

The **eco<sup>+</sup>** 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 eco<sup>+</sup> 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

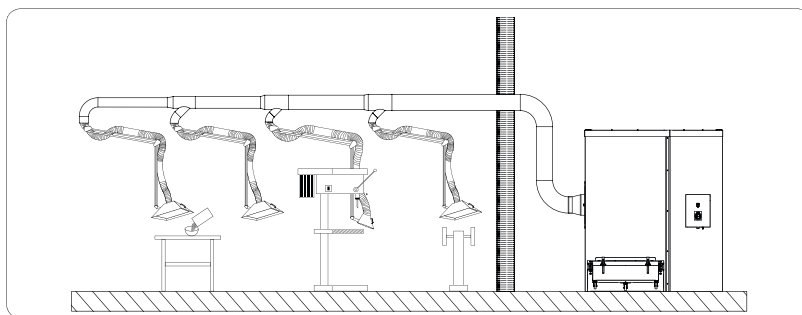
**ESTA EasyControl** is a newly-developed device control that ensures energy-efficient device operation with state-of-the-art sensor technology.



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.



The detachable dust collection drawer with lockable cartons ensures simple, dust-free disposal.



With pipelines, the MOBEX series can be used for simultaneous extraction at multiple workstations.

#### Technical Data

MOBEX		P-24	P-36
Max. Airflow	m <sup>3</sup> /h	2.800	4.500
Intake diameter	mm	200	250
Max. negative pressure	Pa	3.400	3.400
Voltage	V	400	400
Motor	kW	3.0	4.0
Filter elements	Pieces	2	3
Filter surface	m <sup>2</sup>	24	36
Dust collection container	l	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
Weight	kg	310	350
Sound emission	dB(A)	71	74
<b>Order Number</b>			
Standard version		<b>09.831</b>	<b>09.832</b>
Tested to dust class H		<b>09.833</b>	<b>09.834</b>
ATEX version		<b>09.840</b>	<b>09.841</b>
<b>eco<sup>+</sup></b>		<b>09.842</b>	<b>09.843</b>

\* with disposal box