

## Compact Extractor

**NEW**

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



### The all-rounder for extracting dust, chips and smoke

The new MOBEX series is based on an innovative housing concept with a patent-pending fold system. Its stable plastic sandwich panels ensure low-noise operation.

The MOBEX series of stationary compact extractors is designed not only for extracting dry, free-flowing dust, but also for separating welding fumes. The extractors can be used in nearly all industries for single or multiple applications.

A direct hose connection enables extraction from machines, circular saws, grinding and milling machines or extraction tables. Hoods or ESTA extraction arms can also be used to capture material.

A duct system for up to four extraction points turns the newly designed devices into a central extraction system for several machines or manual workstations.



MOBEX at a milling machine

### Application Range

- » Universal use for dust, chips and welding fumes in the metal, plastics and many other industries
- » Single or multiple-location extraction
- » Suitable for connection to extraction tables or capture elements (such as exhaust hoods)

### 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 preseparation system
- » Low operating noise thanks to a sound-insulated housing
- » Small space requirement
- » Easy, dust-free removal of collected material through a new disposal system

Data dependent on equipment type

### Technical Data

MOBEX		P-24	P-36
Max. airflow	m³/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	pcs	2	3
Filter surface	m²	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	1.910 × 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+</b>		<b>09.842</b>	<b>09.843</b>

\* with disposal box

**NEW**

Compact Extractor

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

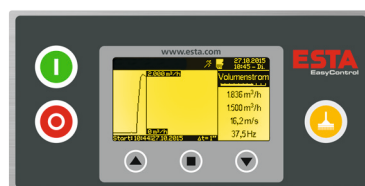
The **eco**<sup>+</sup> series combine outstanding extraction and filtration performance for maximum efficiency at low operating costs. All thanks to the new **ESTA EasyControl device control** with sophisticated sensor technology and the application of frequency converters.

### 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.



MOBEX in the production hall

The MOBEX series is available in two performance levels: in addition to a version with a 3 kW motor and two filter cartridges, a version with a 4 kW motor and three filter units is also available for greater airflow volume. The tried-and-tested ESTA jet pulse system is always integrated, which automatically cleans the filters with compressed air shots during operation. The separated dust falls downwards, as is the case with coarser particles and chips, which are captured by the integrated impact separator as soon as they enter the dust extractor housing. This design not only optimizes airflow, but also contributes to extending the filter life, which leads to lower compressed air consumption.

Collected material is easily disposed in a low-dust manner through an extendible drawer. This is equipped with two 38-litre lockable cartons for capturing and disposing waste.

MOBEX extractors are also available in optional IFA-certified or ATEX-compliant designs.



### ESTA Apparatebau GmbH & Co. KG

Gotenstraße 2 – 6  
89250 Senden / GERMANY  
Phone: +49 (0) 7307 804-0  
Fax: +49 (0) 7307 804-500  
E-Mail: [info@esta.com](mailto:info@esta.com)  
[www.esta.com](http://www.esta.com)

## 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.**

[www.esta.com](http://www.esta.com)

