

# Dust Collectors

## Mobile Dust Collectors *DUSTOMAT 4*

Now also available in *eco+* design!



DUSTOMAT 4

**ESTAPLUS**

### Special Features

- » Available in two power levels
- » Integrated impact separator for pre-separating coarse material and heavy particles
- » Differential pressure controlled pulse jet filter cleaning system

### Your Benefits

- » Outstanding suction power combined with outstanding mobility
- » Innovative equipment design provides efficient air flow and high efficiency, therefore reducing operation and maintenance costs
- » Extremely quiet operation, can therefore be installed directly in the working or process area
- » Mobile dust collection drawer for easy disposal
- » New innovative cabinet design, therefore providing a small footprint
- » Extremely easy to operate and maintain

### Application Range

- » Removal of free-flowing or dry dust in individual or multiple process applications and locations
- » Suitable for a wide range of industries
- » Direct extraction from processing machines or for connection to collection hoods, extraction arms and ductwork systems

### Special Versions

- » Backup filter cassette for class H dusts
- » ATEX version
- » **NEW** Pre-separator for sparks, chips and dusts (optional)
- » Version with frequency converter
- » Stationary version
- » Custom paint finishes
- » Other versions on request



\* registered for certification

### Ideal for

- CFK/GFK-dust
- Chemical dust
- Metal dust
- Plastic dust
- Lint



The compact design and quiet operation of the dust collection units allow them to be installed directly in the working or process area.

### Technical Data

DUSTOMAT		4-10	4-24	4-24 <i>ecopower</i>
Max. Airflow	cfm	1,200	1,950	2,075
Intake diameter	mm	160	200	200
Max. negative pressure	iwg	10.5	14.5	14.9
Voltage	V	480	480	480
Motor	HP	2.95	5.36	7.38
Filter elements	pcs	2	2	2
Filter surface	ft <sup>2</sup>	108	258	258
Dust collection container	gal	24 (11*)	24 (11*)	24 (11*)
Dimensions (L/W/H)	inch	57.5 × 36.8 × 56.7	65.4 × 36.8 × 64.6	65.4 × 36.8 × 64.6
Weight	lb	507	617	684
Sound emission	dB(A)	68	70	70
<b>Order Number</b>				
Standard		<b>09730US</b>	<b>09760US</b>	–
Tested to dust class H		<b>09731US</b>	<b>09761US</b>	<b>09781US</b>
ATEX version		<b>09732US</b>	<b>09762US</b>	<b>On request</b>
<i>eco+</i>		<b>09740US</b>	<b>09770US</b>	<b>09780US</b>

\* with disposal box

## Mobile Dust Collectors

### DUSTOMAT 4 eco<sup>+</sup>



The **eco<sup>+</sup>** series combines outstanding collection 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.

#### DUSTOMAT 4 eco<sup>+</sup> design:

- » ESTA EasyControl device control
- » Frequency converter for fan motors
- » Programmable timer



**ESTA EasyControl** is a newly-developed device control that ensures energy-efficient device operation. **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.



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## Mobile Dust Collectors

### Pre-separator for DUSTOMAT 4



#### Spark pre-separators for DUSTOMAT 4

- » The spark pre-separator is directly mounted onto the DUSTOMAT
- » Spark separation is carried out with mesh filters
- » Simple maintenance and dust disposal via side opening panel

	Order no.
DUSTOMAT 4-10 H spark pre-separator	30125
DUSTOMAT 4-10 spark pre-separator	30160
DUSTOMAT 4-24 spark pre-separator	30200



#### Shavings pre-separators for DUSTOMAT 4

- » Mobile 53 gal collecting tank with collection bag
- » Cover with integrated baffle
- » Includes 5 ft PU flexible inlet hose

	Order no.
DUSTOMAT 4-10 H shavings pre-separator	31125
DUSTOMAT 4-10 shavings pre-separator	31160
DUSTOMAT 4-24 shavings pre-separator	31200



#### Dust pre-separators for DUSTOMAT 4

- » Mobile 53 gal collecting tank with collection bag
- » Cover with side inlet and cyclonic separator tube for pre-separation of coarse dust, including 5 ft PU flexible inlet hose

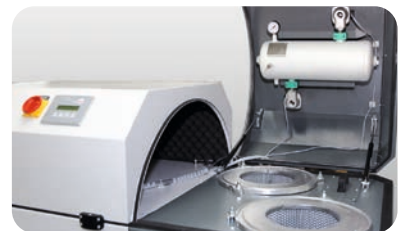
	Order no.
DUSTOMAT 4-10 H dust pre-separator	32125
DUSTOMAT 4-10 dust pre-separator	32160
DUSTOMAT 4-24 dust pre-separator	32200



The sides of the spark pre-separator serve to dispose of residue.



The mobile 24 gal dust collection drawer can also be transported using a lift truck or fork lift.



The top of the filter module is hinged so as to provide convenient access for service and maintenance work.