

Dust Extractors

Mobile Dust Extractors

DUSTOMAT S Series



Ideal for

- Flock dusts
- Foil tinsel
- Sticky dust
- Textile fibres
- Cotton dust

Application Range

- » Specialized dust extractor for sticky dust and dust containing long fibres
- » Textile and flocking industry



DUSTOMAT S



DUSTOMAT 160-S in OEM-version for dust extraction on a manual flocking workstation

ESTAPLUS

Special Features

- » Fabric filter element with primary paper filter bag

Your Benefits

- » Compact design with high extraction performance
- » Easily replaceable paper filter bag to collect the dust

Data dependent on equipment type

Technical Data

DUSTOMAT		100-S	120-S	140-S	160-S
Max. Airflow	m ³ /h	720	1.060	1.330	1.850
Intake diameter	mm	100	125	140	160
Max. negative pressure	Pa	2.800	3.250	3.800	4.600
Voltage	V	230/400	400	400	400
Motor	kW	1.3/1.1*	2.2	3.0	3.0
Filter surface	m ²	0.75	1	1	1
Dust collection container	l	100	200	200	200
Dimensions (L/W/H)	mm	1.075 × 530 × 1.075	1.653 × 782 × 1.353	1.653 × 782 × 1.353	1.653 × 782 × 1.373
Weight	kg	70	190	200	200
Sound emission	dB(A)	71	68	69	73

Order Number

Model	230 V	09.500	-	-	-
Model	400 V	09.497	09.502	09.504	09.506

* 400V-model

Mobile Dust Extractors

DUSTOMAT-10 and -16 M



DUSTOMAT-10

Application Range

- » Dust extraction of individual machines and manual workstations
- » Pourable dust types – including hazardous types of dust



Ideal for

- Metal shavings
- Plastic dust
- Wood shavings
- Wood dust
- Pigments
- Tabacco fibres
- Paper dust
- Metal dust
- Stone dust



DUSTOMAT-10 with accessories for floor clean up

Special Features

- » Three filter cleaning methods:
 - brush cleaning method (manually)
 - pulse jet cleaning method
 - pneumatic filter cleaning
- » Cleanable long life cartridge filters (Dust classification M)
- » Test Certificate M (DUSTOMAT-16 M)

Your Benefits

- » Low operating costs resulting from cleanable long life filter cartridges
- » Mobility combined with high extraction performance
- » Tilt-back filter housings for easy dust disposal
- » Suitable for most types of dust

Data dependent on equipment type

Technical Data

DUSTOMAT-		10	16 M
Max. Airflow	m ³ /h	720	1.140
Intake diameter	mm	100	125
Max. negative pressure	Pa	2.800	2.000
Voltage	V	230/400	230/400
Motor	kW	1.3/1.1*	1.3/1.1*
Filter surface	m ²	3.5	9.4
Dimensions (L/W/H)	mm	1.165 × 530 × 1.636	1.150 × 670 × 1.470
Weight	kg	120	110
Sound emission	dB(A)	73	73
Order Number			
Manual filter cleaning	(230 V)	09.201	–
Pneumatic filter cleaning	(230 V)	–	09.420**
Manual filter cleaning	(400 V)	09.215	–
Pneumatic filter cleaning	(400 V)	–	09.421**
Pulse jet filter cleaning	(400 V)	–	09.422

* 400V-model / ** with Test certificate M

Dust Extractors

Mobile Dust Extractors

DUSTOMAT-10 through -16 M

DUSTOMAT-16 M

– specifically designed for the stone industry



DUSTOMAT-16 M with extraction arm



DUSTOMAT-16 M is especially designed for extracting mineral dusts at changing workstations in the stone industry.

An ESTA extraction arm captures stone, graphite or concrete dust with pinpoint precision.

The DUSTOMAT-16 M mobile dust extractor comes with test certificate M for extraction of harmful dusts.



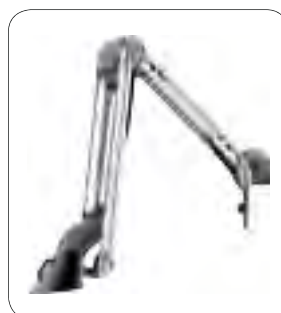
DUSTOMAT-16 M
– direct extraction of fine stone dust



DUSTOMAT-10 in a woodworking application

Accessories

On pages 30 to 32, you will find special accessories for the DUSTOMAT line, such as extraction arms, floor cleaning sets, various nozzles, pre-separators, etc.



Mobile Dust Extractors *DUSTOMAT 4*

Now also available in *eco+* design!



DUSTOMAT 4

Application Range

- » Dust extraction at individual or 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
- » Optional: ATEX version
- » **NEW** Pre-separator for sparks, chips and dusts (optional)
- » Version with frequency transformer
- » Stationary version
- » Custom paint finishes
- » Other versions on request



* registered for certification

Ideal for

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



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

Technical Data

DUSTOMAT		4-10	4-24
Max. Airflow	m ³ /h	2.000	3.300
Intake diameter	mm	160	200
Max. negative pressure	Pa	2.600	3.600
Voltage	V	400	400
Motor	kW	2.2	4.0
Filter elements	Piece	2	2
Filter surface	m ²	10	24
Dust collection container	l	90 (42*)	90 (42*)
Dimensions (L/W/H)	mm	1.400 × 840 × 1.440	1.600 × 840 × 1.640
Weight	kg	230	280
Sound emission	dB(A)	68	72
Order Number			
Standard version		09730	09760
Tested to dust class H		09731	09761
ATEX version		09732	09762
<i>eco+</i>		09740	09770

* with disposal box

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

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

Dust Extractors

Mobile Dust Extractors

DUSTOMAT 4 **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.

DUSTOMAT 4 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.



Clean air outlet

Pulse-jet filter cleaning

Control unit

Cartridge filters

Intake connection

Collection drawer with disposal box

NEW

Mobile Dust Extractors

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 200l collecting tank with collection sack
- » Cover with integrated baffle
- » Includes 1.5 m 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 200l collecting tank with collection sack
- » Cover with side inlet and cyclonic separator tube for pre-separation of coarse dust, including 1.5 m 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 90 litre 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.

Dust Extractors

High Vacuum
Extraction Units

Welding Fume
Filters

Oil Mist
Separators

Carbon Filter

Downdraft
Tables

Extraction Fans

Extraction Arms

Fiter Towers

Central Extraction
Systems

Pipe Systems