

ESTA

THE WORLD OF EXTRACTION



DUSTOMAT 4

NEW GENERATION OF DUST EXTRACTOR
AND WELDING FUME FILTER

www.esta.com

NEW MOBILE DUST EXTRACTORS HAVE UNDERGONE SIGNIFICANT DEVELOPMENT IN DESIGN AND TECHNOLOGY.



For Dust, Chips
and Welding fume

The new mobile DUSTOMAT 4 dust extractors and welding fume filters offer a considerable increase in suction power with the same level of energy efficiency. Thanks to its innovative housing construction, this means a better extraction result with low current and compressed air consumption.

This equipment is suitable for almost any industry and effectively extract dusts, shavings and fumes arising from the processing of metal or plastic, for example. The long life filter cartridges are cleanable offering a long service life.

Whether as eco+ variant, with W3 certificate, in ATEX-compliant design, with H test mark or with Industry 4.0 functions: The DUSTOMAT 4 units offer a proven extraction solution for almost all applications in the medium power range.

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

Unique 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

Applications

- » 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

Custom design

- » Backup filter cassette for class H dusts
- » Stationary version
- » Custom paint finishes
- » Other versions on request

Test certificates *(optional)*



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.

- » 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



The mobile 90 litre dust collection drawer can also be transported using a lift truck or fork lift.



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 pressurecontrols are obtained through current volume flow measurement and the fully-automated regulation of the extraction performance based on the operating parameters.



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

Technical Data

DUSTOMAT		4-10	4-24	4-24 <i>ecopower</i>	4-10 W3	4-24 W3	4-24 W3 <i>ecopower</i>
Max. Airflow	m ³ /h	2.000	3.300	3.500	2.000	3.300	3.500
Intake diameter	mm	160	200	200	160	200	200
Max. negative pressure	Pa	2.600	3.600	5.000	2.600	3.600	5.000
Voltage	V	400	400	400	400	400	400
Motor	kW	2.2	4.0	5.5	2.2	4.0	5.5
Filter elements	Piece	2	2	2	2	2	2
Filter surface	m ²	10	24	24	10	24	24
Dust collection container l		90 (42*)	90 (42*)	90 (42*)	90 (42*)	90 (42*)	90 (42*)
Dimensions (L/W/H)	mm	1.460 x 935 x 1.440	1.660 x 935 x 1.640	1.660 x 935 x 1.640	1.460 x 935 x 1.440	1.660 x 935 x 1.640	1.660 x 935 x 1.640
Weight	kg	230	280	310	230	260	280
Sound emission	dB(A)	68	70	70	68	70	70
Order Number							
Standard		09730	09760	–	09733	09763	–
Tested to dust class H		09731	09761	09781	–	–	–
ATEX version		09732	09762	Auf Anfrage	–	–	–
with HEPA 14 filter		–	–	–	Auf Anfrage	–	–
eco⁺		09740	09770	09780	09739	09769	09782

* with dust collection container

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ESTA on site **Our team of experienced technicians would be pleased to advise you on site.**



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