

EVOTEC



Industrial Dust Extractor EP 1702/ 1703



**INNOVATIVE
EXTRACTION TECHNOLOGY**



EP Dust extractor – 230 Volt

EVOTEC



- ★ Very large volume flow
- ★ Accessories can be conveniently transported on the vacuum cleaner
- ★ Filter chamber and container made of V2A stainless steel (1.4301)
- ★ Manual filter cleaning
- ★ Energy-efficient EC motors suitable for endurance running (24/7)
- ★ Optional: Extraction arm for optimal extraction directly at the point of origin



EP 1702
EP 1703

Versions:



Powerful dust extractor with high air volume for capturing and filtering dry and hazardous to health airborne particles.

Specially developed for the **reliable extraction and filtration of dry dust** generated during various work processes. Critical fine dusts are reliably extracted and filtered.

Robust, smooth-running chassis for high mobility. Compact, modular design with high-quality stainless steel dirt container (**V2A**).

Energy-efficient EC motors suitable for endurance running (24/7)

Flow rate infinitely variable.

1st Filter stage:

Dust class M Resistant polyester needle felt pocket filter with **PUR membrane**, high filtering power for long service life.

2nd Filter stage:

Dust class H

Absolute cartridge filter (**H13/14**).

Effective, easy-to-use **manual filter cleaning** for high filter power and long working intervals without interruption. Powerful brushless EC motors for continuous operation.

Vacuum gauge for filter monitoring.

Big vacuum inlet Ø 150 mm with bordure socket.

Upgrade EX protected according to ATEX for safe extraction in zone 22.



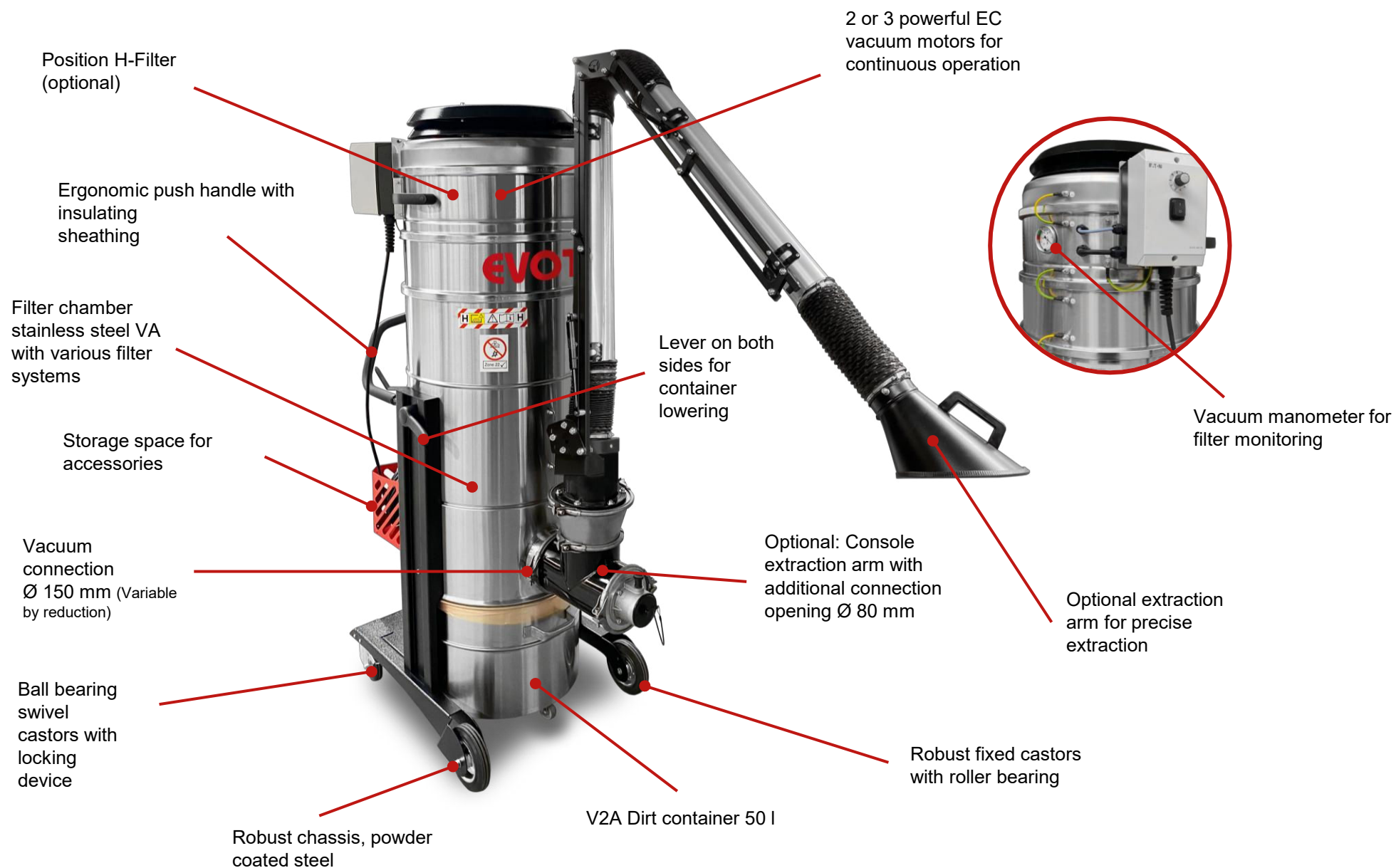
Length connection cable: 8 m

Model		EP 1702	EP 1703
Voltage	Volt	230	400
Engine power	Watt	2 x 1.100	3 x 1.100
Max. air volume	m³/h	910	1.360
Negative pressure	Pa	10.000	
Filter area „M“	m²	4,1	
Filter area „H“	m²	4,3	
Dirt container	ltr.	60	
Protection class		IP 54	
Noise level	dB(A)	72 dB (A)	
Vacuum connection	Ø mm	150	
Dimensions LxWxH	cm	85 x 80 x 200	
Weight	kg	120	
Dust class M	Item No.	151-3080	151-3082
Dust class H	Item No.	151-3081	151-3083
Upgrade EX- protection	Item No.	054-6433	



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Accessories and options

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Filters and disposal



Dust class M
Polyester needle felt with **antistatic PUR membrane**
Antistatic - for the extraction of dusts that can become statically charged (**installed as standard in EVOTEC units**)

4,1 m², Ø 500 mm = **054-20224**



Dust class H (H14)
Absolute cartridge filter
Dust class H (H14), support grids on both sides

4,3 m², Ø 500 mm = **054-20033**



Plastic waste disposal bags, antistatic ESD
PU = 10 pieces



for the dust-free disposal of dust of the dust classes M and H.
Extremely stable and "nail-test"-tested. Perfect fit due to round base design - by-pass not necessary!

Plastic disposal bag black, electrically conductive
VE = 10 pieces
Suitable for 50 l container = **235-1040**

Device options dust extractor EP1702/1703



Vertical extraction arm, incl. extraction bonnet
Console to be ordered separately

Aluminium version (as shown)

Ø 125 mm, length 2,0 m **054-90332**
Ø 125 mm, length 3,0 m **054-90342**
Ø 160 mm, length 2,0 m **054-90333**
Ø 160 mm, length 3,0 m **054-90343**

ATEX version VA

Ø 125 mm, length 2,0 m  **054-90330**
Ø 125 mm, length 3,0 m **054-90340**
Ø 160 mm, length 2,0 m **054-90331**
Ø 160 mm, length 3,0 m **054-90341**



Bracket

For attaching the extraction arm to the vacuum cleaner. Additional connection opening Ø 80 mm enables hose connection.

Standard version

Ø 125 mm **053-3072**
Ø 160 mm **053-3073**



Hoses

A variety of hoses and connectors are available in different diameters. We will be happy to advise you personally on the appropriate configuration.



MADE IN
GERMANY

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