

Three-phase vacuum cleaner 13 kW with 100 l dirt container

EVOTEC



High-performance industrial vacuum cleaner for sucking up all dry dust particles from coarse dirt to microparticles (μm)

High quality standards – well-designed, noise-absorbing side-channel compressors on the exhaust air side.

Suitable for **3-shift operation**. Can also be used for small pipe systems or with very long hoses.

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

Container can be lowered for **easy disposal** of the absorbed matter.

Effective, easy-to-use **filter cleaning** for long filter lifetime. **Vacuum gauge** for filter monitoring. Patented tool-free and **contamination free change of filter**.

Cyclone separator for better pre-filtering of fine dust particles and coarse matter.

Robust **polyester needle felt filter with PUR membrane**, dustclass M certified according to EN 60335-2-69, powerful for long-time performance.

Quick-action coupling with locking device and turning mechanism for secure connection of the suction hose, Length of cable: 8 m

Model		EP 2175	EP 21130
Voltage	Volts	400	400
Power output	Watts	7.500	12.500
Max. air flow rate	m ³ /h	510	1.100
Max. neg. pressure	mbar	340 / 380 max.	360 / 420 max.
Filter surface „M“	m ²	5,2	5,2
Filter surface „H“ (H14)	m ²	+ 4,3	+ 4,3
Container vol.	litres	100	100
Type of protection		IP 55	IP 55
Suct. Connection	dia.mm	80	80
Dimensions	cm	148 x 68 x 187	148 x 68 x 187
Weight	kg	340	350
Dust class M	Art. no.	251-2000	251-2010
Dust class M/Type22	Art. no.	251-2001	251-2011
Dust class H	Art. no.	251-2002	251-2012
Dust class H/Type22	Art. no.	251-2003	251-2013

Details EP 2140 + EP 2155 EP 2175 + EP 21130

1 Turbine

Powerful and maintenance-free side channel compressor for use in 24-hours-continuous operation. Readily accessible inside the motor chassis.

2 Front view

Convenient handling of dirt container by the one-hand lift handle. Ergonomically height of lift handle, suction hose does not have to be removed to lower the dirt container. Filter compartment (made of stainless-steel) with sealing plug.

3 V2A dirt container

Dirt container with high quality swivel castors. Easy to pull out below the vacuum cleaner after lowering. Equipped with four handles for the easy disposal of the absorbed material. You will find suitable heavy lift carrying straps at the accessories chapter.

4 Wheels for heavy load EP 2175/21130

High quality, smooth running wheels and swivel castors for heavy load. One wheel with locking brake.

5 Control box

Standard, neatly wired control with motor-protection-switch and star-delta switching for smooth running. Electronic monitoring of rotational direction.

6 Exhaust air sound damper

to reduce acoustic emission.



EVOTEC – Accessory sets



Machine cleaning set

optimised for cleaning production machines.
Consisting of bulk suction nozzle, beveled tube rubber nozzle, pointed rubber nozzle and round brush nozzle



dia. 40 mm = **052-1080**

dia. 50 mm = **052-1070**



Industrial floor cleaning set

for cleaning all floors. Consisting of multi-part hand tube, **metal revolving nozzle with brush strip** and **replacement rubber strip**, round brush nozzle



dia. 40 mm, working width 370 mm = **052-1030**

dia. 40 mm, working width 450 mm = **052-1035**

dia. 50 mm, working width 370 mm = **052-1040**

dia. 50 mm, working width 450 mm = **052-1050**

dia. 50 mm, working width 500 mm = **052-1060**



Set for cleaning at height

Consisting of 2 m hand tube, curved tubular nozzles 100 mm and 200 mm, one wall nozzle and one floor nozzle

dia. 40 mm = **052-1090**

dia. 50 mm = **052-1100**