

Three-phase vacuum cleaner

4,0 kW and 5,5 kW – 100 litres

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

Modell		EP 2140	EP 2155	EP 2175 ECO
Voltage	Volt	400	400	400
Power output	Watt	4.000	5.500	7.500
Max. air flow rate	m ³ /h	500	510	510
Neg. pressure	mbar	240 / 280 max.	320 / 360 max.	340 / 380 max.
Filter surface „M“	m ²	3,2	3,2	3,2
Filter surface „H“ (H14)	m ²	+ 4,3	+ 4,3	+ 4,3
Container	litres	100	100	100
Type of protection		IP 55	IP 55	IP 55
Connection	Ø mm	80	80	80
Dimensions	cm	148 x 68 x 156	148 x 68 x 156	148 x 68 x 156
Weight	kg	190	200	210
Dust class M	Art.-no.	251-1080	251-1090	251-3000
Dust class M/Type22	Art.-no.	251-1081	251-1091	251-3001
Dust class H	Art.-no.	251-1082	251-1092	251-3002
Dust class H/Type22	Art.-no.	251-1083	251-1093	251-3003

Included in the delivery: 5 m suction hose dia. 50 mm and crevice nozzle

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**