

# Three-phase vacuum cleaner

## 2,2 kW to 5,5 kW – 60 litres

# EVOTEC



**High-performance industrial vacuum cleaner for sucking up all dry dust particles from coarse dirt to microparticles ( $\mu\text{m}$ )**

**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 2122	EP 2130	EP 2140 ECO	EP 2155 ECO
Voltage	Volts	400	400	400	400
Power output	Watts	2.200	3.000	4.000	5.500
Max. air flow rate	m <sup>3</sup> /h	330	330	410	500
Max. neg. pressure	mbar	240 / 300 max.	260 / 340 max.	240 / 300 max.	260 / 320 max.
Filter surface „M“	m <sup>2</sup>	2,2 or 3,2	2,2 or 3,2	3,2	3,2
Filter surface „H“	(H14)	+2,0	+2,0	+ 4,3	+ 4,3
Container vol.	litres	60	60	60	60
Type of protection		IP 55	IP 55	IP 55	IP 55
Suct. Connection	dia.mm	80	80	80	80
Dimensions	cm	120x68x135	120x68x135	120x68x135	120x68x135
Weight	kg	150	160	180	190
Dust class <b>M</b>	Art. no.	<b>251-1040</b>	<b>251-1050</b>	<b>251-1060</b>	<b>251-1070</b>
Dust class <b>M/Type22</b>	Art. no.	<b>251-1041</b>	<b>251-1051</b>	<b>251-1061</b>	<b>251-1071</b>
Dust class <b>H</b>	Art. no.	<b>251-1042</b>	<b>251-1052</b>	<b>251-1062</b>	<b>251-1072</b>
Dust class <b>H/Type22</b>	Art. no.	<b>251-1043</b>	<b>251-1053</b>	<b>251-1063</b>	<b>251-1073</b>

**Included in the delivery: 3,5 m suction hose dia. 50 mm and crevice nozzle**

## Details EP 2122 + EP 2130 EP 2140 ECO + EP 2155 ECO

### 1 Turbine

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

### 2 Side view

Convenient handling of dirt container because of the lift handles on both sides. Filter compartment made of V2A stainless-steel. Practical cable holder.

### 3 Exhaust air sound damper

to reduce acoustic emission.

### 4 Motor protection switch

On the back there is the switch box. The integrated motor protect switch is for the safety start of the turbine and is simultaneous as overload security. At the side the negative pressure manometer for the control of the filter.

### 5 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.

### 6 Vacuum limit valve

The vacuum limit valve protects the turbine from overheating.



## 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**