

EVOTEC



Industrial Vacuum Cleaner EP Compression



**INNOVATIVE
EXTRACTION TECHNOLOGY**



EP Compression – 400 Volt



- Parts that come into contact with the product are made of V2A stainless steel (1.4301)
- Full range of safety equipment
- Strong suction power, ideal for compressible materials such as textiles, fleece, and packaging materials
- Sight glass for level monitoring
- Reusable cloth filter bag

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Version:



Powerful industrial vacuum cleaners, optimized for the extraction of compressible materials.

High quality standards –

well-designed, soundproofed, and maintenance-free turbine turbine (side channel blower) as vacuum generator.

Suitable for **three-shift-operation**.

Textile industry: extraction of threads and fibers from textile machines.

Packaging industry: Packaging residues and empty packages

Paper industry: Edge strips and cutting dust

These industrial vacuum cleaners achieve a **higher capacity** than conventional industrial vacuum cleaners thanks to compression.

The suction air flow draws the material into the filter bag. The material is compressed in the filter bag by the high negative pressure.

The compressed material can then be **easily disposed** of or recycled..

Optional: Ultrasonic sensor for level monitoring.

Suction elbow with Kamlock coupling for **secure connection** of the suction hose.

Connection cable length: 8 m

Model		EP 2330	EP 2340
Voltage at 50/60 Hz.	Volt	400	
Engine power	Watt	3.000	4.000
Maximum air volume during operation *)	m³/h	330	
Negative pressure during operation max. *)	m³/h	300	320
Filter area	mbar	1,3	
Sound pressure level <i>(depending on power setting)</i>	m²	76	76
Weight	ltr.	140	142
Dimensions L x W x H	ltr.	100 x 51 x 120	
Suction connection Ø	dB(A)	Camlock – 50	
Dirt container	Ø mm	145	
Filter bag volume	cm	100	
Housing	kg	Steel, powder-coated & stainless steel V2A	
Dust class M	Item-No.	251-2040	251-2050

*) Operating data including standard filter equipment in factory condition without additional options such as activated carbon filters, spark arrestors, piping, etc. The effective performance depends on the respective operating point, which is determined by the power setting, pipe dimensions (diameter, length), and detection at the intake point.

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Accessories and accessory sets

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	Remote ON/OFF via radio With handheld transmitter and receiver, works up to a range of 350 m. If not used in combination with a frequency converter, a switch box is required. Without switch box 054-6933 With switch box 054-6932 Additional handheld transmitter 054-60322
	Remote ON/OFF via cable (FSK) 24 volts with power supply unit (potential-free contact), output voltage 24 volts AC with transfer point, motor protection relay, changeover switch. If not used in combination with a frequency converter, FSK requires its own switch box. Without switch box 054-6931 With switch box 054-6930 Switch box mounting bracket 054-40208
	Upgrade: ESCO FU Designs: 1,5 kW – 3,0 kW 054-6943 4,0 kW – 5,5 kW 054-6944 7,5 kW – 15 kW 054-6945
	Compression cloth filter bag Polyester needle felt, reusable, dust class M Height 750 mm, for containers Ø 500 Volumen ca. 100 l 054-10143

	PUR suction hose incl. sleeve for Kamlock coupling 3,5 m, Ø 50 mm 052-0278 5,0 m, Ø 50 mm 052-0279 Matching Kamlock hose couplings for 50 mm hose 052-0261
	Industrial floor cleaning kit For cleaning all types of floors, completely antistatic. Consisting of a multi-part hand tube, metal roller nozzle with brush strips and replaceable rubber strips. Ø Hand pipe, working with Ø 40 mm, 370 mm 052-1031 Ø 40 mm, 370 mm 052-1031 Ø 50 mm, 370 mm 052-1041 Ø 50 mm, 450 mm 052-1051 Ø 50 mm, 500 mm 052-1061
	Machine cleaning kit Ideal for cleaning production machines, completely antistatic. Consisting of a bulk suction nozzle, angled rubber nozzle, pointed rubber nozzle Ø 40 mm 052-1081 Ø 50 mm 052-1071

Control options

	Level monitoring of dirt container Sensor monitors the fill level of the dirt container. Evaluation is performed via the PLC. Signal processing according to customer specifications. 054-8040
	Signal notification column For displaying operating status, reporting warnings/malfunctions 054-8046
