

high grade + large filter + pharma  
**Industrial vacuum for dust**

Electric

**EP 2175**

**Mobile high-performance industrial vacuum cleaner for dry products**


**Range of application**

High performance industrial vacuum cleaner designed for sucking up dust. The rugged construction suitable for rugged industrial use. Can also be used in small tube or systems with long suction hoses.

**Properties/Advantages**

- Continuous Fixed side channel blowers
- Highest technical security
- Very robust
- Soundproofed turbo fan
- Effective, easy-to-use filter for long filter life
- Vacuum gauge for filter monitoring
- Simple operation and maintenance



Also available in B1 /  Zone 22

The integrated centrifugal separator allows a better pre-filtering of fine dust particles and coarse material. For a safe attachment of the suction hose ensures a quick release with locking device and rotating device. The extremely simple operation and cleaning capabilities of the vacuum cleaner designed specifically for industrial applications.

The industrial vacuum cleaners are the BGIA (BG Institute for Occupational Safety) "GS" tested. Depending on the application, we provide safety-tested in dust class M with a max. Transmittance of dust at <0.1% (dry, health-hazardous, non-combustible dusts with MAK values > 0.1 mg / m<sup>3</sup>), dust class H with a max. Transmittance of <0.005% (dry, carcinogenic, non-combustible dusts with MAK-value <0.1 mg / m<sup>3</sup>).

The industrial vacuum cleaners are also available in version B1 and ATEX (Ex-zone 22) or in dust class M/B1 M/H/B1. Thus, the industrial vacuum cleaner suitable (except dusts with a minimum ignition energy <1mJ) to absorb all the dust from combustible dust explosion classes.



H-Filter easily accessible



Vacuum relieve valve



Removable tank



Tension rings

Accessories	
Description	Art.Nr.
Suction hose	see catalogue
Suction accessories	see catalogue
Preseparator	see catalogue

Technical data		Modell	Cont./L	Dust class	Art.Nr.
Engine	Side channel blowers	EP 2175	100	M	2010430
Power	7,5 kW	EP 2175	100	M/B1	2009847
Engine performance	400 V - 50/60 Hz.	EP 2175	100	H	2010852
Protection type	IP 55	EP 2175	100	H/B1	2010853
Intake volume max.	720 m <sup>3</sup> /h, max.				
Vacuum max.	320 mbar, max.				
Tank	100 l	<b>Scope of delivery</b>		<b>Art.Nr.</b>	
Filter area	52.000 m <sup>2</sup>	after technical clarification			
Hose connecting	80 mm, reduceable				
Weight	340 kg				
Dimensions l / w / h	1480x680x1900 mm				