



**Industrial vacuum cleaner for flammable dust**

Electrical

**EGS \*\* P EX**

CE 0158 EX II 1/3/2 G IIB T3 RL 94/9/EG



**Mobile vacuum cleaner for Ex-Zone 1 and 2**

**Application**

This vacuum cleaner is tested and certificated for applications where all kind of none flammable and flammable dust is to be recovered. Mobile, powerful vacuum cleaner, which also can be used as a stationary vacuum unit in the chemical-, pharmaceutical- and petrochemical industry as well as any other companies with an explosion protected area.

Due to the short preparation time and easy handling are the units quick serviceable to recover dust or solid product rests.

The units are designed with a detachable recovery tank on wheels with a capacity of 35 or 50 liters. The goods can be recovered directly in the stainless steel tank or in a paper bag. The paper bags are very useable for easy emptying of recovered materials, for the dust-free disposal and for the protection of the filter units.

The vacuum cleaner will be delivered with filterclass M (1 micron) and a HEPA filter efficiency of 99.997% (Type H14).

**Features / Advantages**

- Can be used to recover flammable dust
- Reliable and built-to-last side canal blower
- Available in different power levels
- Mobile units
- Highest safety and technical quality
- All stainless steel construction incl. cart
- Reduced noise level
- Robust yet light weight
- Filter units can be cleaned and changed very easy
- Easy handling and virtually maintenance free



Paper bag



Diffusser



All accessories are made of electrical conductive materials.

Accessories	
Type	Part number
Suction hose EX	see accessories catalogue
Nozzles EX	see accessories catalogue
Separator EX	see accessories catalogue

Technical features		Type	L	Filterclass	Medium	Part no.
Engine	Electrical Motor EX	EGS 1,1 P EX	35	M / H	flammable dust	2004961
Power	1,1 / 1,85 / 3,3 kW	EGS 1,1 P EX	50	M / H	flammable dust	2004962
Normal Voltage	400 V / 50 Hz. [IP 55]	EGS 1,85 P EX	35	M / H	flammable dust	2004963
Suction volume	145 / 270 / 320 m³/h max.	EGS 1,85 P EX	50	M / H	flammable dust	2004964
Vacuum	170 / 200 / 270 mbar max.	EGS 3,3 P EX	35	M / H	flammable dust	2004965
Volume of rec. tank	35 / 50 Liter	EGS 3,3 P EX	50	M / H	flammable dust	2004966
Filter area	20.000 cm²					
Hose entry	60 mm (can be reduced)					
Weight	77 / 85 / 102 kg					
Noise level	67 dB (A)					
Dimensions LxWxH	950x600x1240 / 1390 mm					
		Supplied with:		Part no.		
		Filter 1: Paper bag				1400633
		Filter 1: Prefilter Filterclass M (electr. conductive)				2009550
		Filter 2: Mainfilter High Alpha Ulpa U 15/ 99,99985 %				2003996