



Industrial vacuum cleaner for flammable dust

Electrical

ESS ** P EX

CE 0158 EX II 1/3/2 D 125°C RL 94/9/EG



Mobile vacuum cleaner for Ex-Zone 21 and 22

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	ESS 1,1 P EX	35	M / H	flammable dust	2004940
Power	1,1 / 2,2 / 4,0 kW	ESS 1,1 P EX	50	M / H	flammable dust	2004941
Normal Voltage	400 V / 50 Hz. [IP 65]	ESS 2,2 P EX	35	M / H	flammable dust	2004942
Suction volume	145 / 210 / 320 m³/h max.	ESS 2,2 P EX	50	M / H	flammable dust	2004943
Vacuum	170 / 220 / 270 mbar max.	ESS 4,0 P EX	35	M / H	flammable dust	2004944
Capacity	35 / 50 Liter	ESS 4,0 P EX	50	M / H	flammable dust	2004945
Filter area	20.000 cm²	Supplied with:				Part no.
Hose entry	60mm (can be reduced)	Filter 1: Paper bag	1400633			
Weight	77 / 85 / 102 kg	Filter 1: Prefilter Filterclass M (electr. conductive)	2009550			
Noise level	67 dB (A)	Filter 2: Mainfilter High Alpha Ulpa U 15/ 99,99985 %	2003996			
Dimensions LxWxH	950x600x1030 / 1180 mm					