



Industrial vacuum cleaner for flammable dust

Air driven

DGS P ** EX

CE 0158 EX II 1/3/2 GD II B T6 RL 94/9/EG



Mobile vacuum cleaner for Ex-Zone 1/2 and 21/22

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
- Mobile units
- Three filter system
- Easy handling and virtually maintenance free
- Highest safety and technical quality
- All stainless steel construction incl. cart
- Reduced noise level
- Robust yet light weight
- Filter units can be changed very easy



Manometer



Paper bag



All accessories are made of electrical conductive materials.

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

Technical features	
Drive	Pneumatically Air Operated
Input air volume	34m³/h
Input air pressure	min. 4,5 bar
Suction volume	145 m³/h max.
Vacuum	240 mbar max.
Capacity	35 / 50 Liter
Filter area	20.000 cm²
Hose entry	60 mm (can be reduced)
Weight	35 / 36,5 kg
Noise level	72 dB (A)
Dimensions LxWxH	700x600x1030 / 1180 mm

Type	Liter	Filterclass	Medium	Part no.
DGS P 35 EX	35	M / H	flammable dust	2004984
DGS P 50 EX	50	M / H	flammable dust	2004985
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