



**Industrial vacuum cleaner for flammable dust**

Air driven

**DGS \*\* EX**

CE 0158 EX II 1/2 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 conductive polyliner bag with a special lid. The bags are very useable for easy emptying of recovered materials and for the dust-free disposal.

The vacuum cleaner will be delivered with a M (1 micron) filter and a HEPA filter (Type H14, efficiency of 99.999%). The filter can be cleaned with the filter cleaning systems FDR (manual reverse purge).

**Features / Advantages**

- Can be used to recover flammable dust
- Mobile units
- Filter cleaning system FDR
- 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 cleaned and changed very easy



FDR Filter cleaning system



Manometer



Polyliner bag with lid



All accessories are made of electrical conductive materials.

Accessories	
Type	Part number
Polyliner bag	2003452
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	60mm (can be reduced)
Weight	35 / 36,5 kg
Noise level	72 dB (A)
Dimensions LxWxH	700x600x1240 / 1390 mm

Type	Liter	Filterclass	Medium	Part no.
DGS 35 EX	35	M / H	flammable dust	2004982
DGS 50 EX	50	M / H	flammable dust	2004984

Supplied with:	Part no.
Filter 1: Prefilter Filterclass M (electr. conductive)	2009550
Filter 2: Mainfilter HEPA H14 / 99,997 %	2003996
FDR Filter cleaning system	2005010

Also available with double ejector!