

# Ex Vacuum Cleaner



DGS EX GD \*\* MFA / DGS 2 EX GD \*\* MFA



Compressed air driven industrial vacuum cleaner on Roller trolleys for gas and dust Ex zones 21 / 22 for the collection of combustible and hazardous hazardous dusts.

## Multiple filter system

1st stage: optional disposal bag

2nd stage: 2 x star filter dust class M

3rd stage: HEPA H14 (99.995%)



## Technical data

Designation	DGS EX GD ** MFA		DGS 2 EX GD ** MFA	
Drive	Compressed air ejector		Compressed air ejector	
Ex-Designation	CE 0035 EX II 1/2 GD IIB T6		CE 0035 EX II 1/2 GD IIB T6	
Ex-Zone	1 / 2 / 21 / 22		1 / 2 / 21 / 22	
Container volume [l]	35	50	35	50
Ejector quantity	1		2	
Consumption <sup>1</sup> [m³/h]	32		56	
Intake volume max. <sup>1</sup> [m³/h]	172		295	
Neg. pres. max. <sup>1</sup> [mbar]	-300		-320	
Filter	M/H		M/H	
Main filter area [m²]	2,1	2,1	2,1	
Suction connection <sup>2</sup> [mm]	DN60		DN60	
Unladen weight [kg]	48	50	49	51
Sound pres. level <sup>3</sup> [dB (A)]	ca. 72		ca. 75	
Length [mm]	700		700	
Wide [mm]	600		600	
Height [mm]	1280		1480	
	1480		1330	
	1480		1530	
Article no.	2011668	2011669	2013196	2011402
<sup>1</sup> at 4bar VD - <sup>2</sup> reducible - <sup>3</sup> measured at 1m Distance ±2 dB (A)				

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The robust and innovative KRAHNEN industrial vacuum cleaners offer the highest level of safety and reliability in the collection of hazardous safety, reliability and quality. The comprehensive services round off our product range.

Power



including:

- Electrically conductive rollers and wheels
- Cyclone separator for better pre-separation of dust and coarse material
- Electrically conductive compressed air hose, approx. 8m
- Ball valve for infinitely variable regulation
- Collection container on rollers, can be lowered
- Vacuum gauge
- Earthing clamp, 2m



**Contact:**

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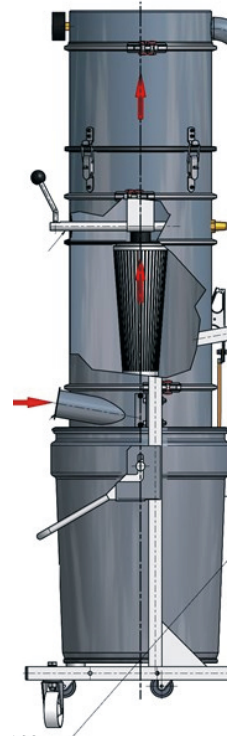


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## KRAHNEN Quality products

### Your advantages

- Basic ATEX type-tested and certified
- Extremely low compressed air consumption
- Quickly retrofittable due to modular design
- Lowerable stainless steel container on rollers
- Large, electrically conductive rollers
- Completely made of high-quality stainless steel
- Quick filter change without tools
- Vacuum meter for filter control
- High separation efficiency due to cyclone principle
- Effective and simple filter cleaning
- Can be used very quickly in case of malfunctions
- Low acquisition and follow-up costs
- Dust class M and/or H



### The most effective filter cleaning by pneumatic means is the alternating filter cleaning system MFA.

This development from KrahnEN cleans the filter element without additional auxiliary energy, but uses the suction volume of the Vacuum Cleaner and the differential pressure to effective filter cleaning. At least two filter elements are required per Vacuum Cleaner. necessary. If the load on the filter surface increases and the Vacuum Cleaner no longer achieves the desired suction power at the suction point, the filter element can be replaced. the desired suction power at the suction point, the user can quickly blow the filters free again with the filter cleaning MFA. filter cleaning system, the user can quickly blow the filters free again. In contrast to other manufacturers, where the filter cleaning is carried out by means of a pressure surge, filter shaker or vibration, the important the important filter fabric of KrahnEN Vacuum Cleaners is not compressed, crushed or subjected to other mechanical stresses.



Please also contact us for suitable accessories

Optional: Electrically conductive suction accessories, drip tray, suction hose made of EVA / PE / PU, hose holder, accessory basket, disposal bag.

