

WD 3000 1/2D – ATEX-certified vacuum cleaner for dusts and liquids in areas with a high risk of explosion

INDUSTRIAL VACUUM CLEANERS



- ✓ The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z21 certified

APPLICATIONS:



Suction unit

Voltage	V - Hz	230 - 50 1~
Marking	II 1/2D Ex h tb IIIC T80° (int) /T95°C (ext) Da/Db	
Usage area	Hazardous location	
EX category	CE EX 21 1/2D	
Power	kW	1 x 1,1 brushless
Max waterlift	mmH2O	2250
Max air flow	m3/h	215
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	74

Filtering Unit

Primary filter	Bag	
Surface - Diameter	cm ² -mm	5.000-420
Total filtering surface area	cm ²	11.000
Cleaning system	Manual	
Filtration efficiency	M ANT	
Primary filter	Standard	
Surface - Diameter	cm ² -mm	11.000
Filter class		

Collection unit

Capacity	lt	60
Collection system	Release container	

Encumbrances

Dimensions	cm	62x60x115h
Weight	kg	38

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SUCTION UNIT

The suction unit is equipped with a brushless motor which, thanks to the absence of carbon brushes, allows the machine to be used in the safest conditions, even in potentially explosive atmospheres. The motor is protected by a series of efficient filters and is activated by an independent switch located on a solid metal head, soundproofed with sound-absorbing material. The head is supplied as standard with a vacuum gauge and voltage presence indicators.

FILTERING UNIT

The polyester bag filter, placed inside the filter chamber, guarantees a large filtering surface area and high resistance to dust passage and clogging.

COLLECTION UNIT

The vacuumed material is collected in a stainless steel container, mounted on wheels, which allows for quick and clean disposal.