Three-phase ATEX Zone 21 industrial vacuum cleaners for classified environments

INDUSTRIAL VACUUMS







- Extremely silent.
- Release container with the possibility of using disposable bags.
- Simultaneous vacuuming of dust, liquids and solids.
- Large surface filter for fine dust with integrated manual cleaning system.
- Maintenance-free motor suitable for continuous operation.
- Compliance to EN IEC 62784:2018 for zone 22

Suction Unit		
ATEX Zones		Zone 21, 22 Dusts
Power supply	V - Hz	400 - 50 ~ 3
Zone use		Hazardous location
EX Category		CE EX 21 1/2D
Power	kW	4,6 - 8,6
Maximum depression	mmH2O	2.600 - 4.000
Maximum air flow rate	m3/h	420 - 700
Electrical protection	IP	65
Nozzle	mm	80

Filter Unit		
Primary filter		Pockets
Surface area - diameter	cm^2-mm	20.000-35.000 - 420
Filter media - class	IEC 60335-2-69	M ANT
Cleaning system		Handbook
Filter media - class	EN 1822-5	

Collection unit		
Capacity	lt	100
Collection container		Stainless Steel AISI304
Collection system		Release container

Dimensions	cm	119 x 65 x 160-180h
Weight	kg	138 - 183

APPLICATIONS: **Wood and plastic** **Food, chemical and pharmaceutical industry**

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SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor shaft and the impeller. Since it has no transmission systems, it requires no routine maintenance, is suitable for long term continuous operation and provides superior suction performance.

FILTER UNIT

The filter can be cleaned by means of the integrated mechanical cleaning system: an external filter shaking lever shakes the filter with a vertical movement, ensuring an effective and safe cleaning action, maintaining constant suction power and preventing the dispersion of dust into the environment.

COLLECTION UNIT

The steel container is equipped with a quick release system that allows for quick disposal of the vacuumed material.

OPTIONALS

- Hepa absolute filter /h14
- Arrangement for endless bag
- Cyclone for filter protection
- Additional silencer
- Forklift intakes

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