

INDUSTRIAL VACUUM CLEANERS

M 50 ATEX z21 - 2D - Industrial vacuum cleaner for dust certified for Z21 2D - ATEX EXPLOSION PROOF



FOOD INDUSTRY



CHEMICAL-PHARMACEUTICAL



CLEANING CONTRACTORS



METALWORKING



- ✓ Extremely silent.
- ✓ High level of filtration, filter efficiency detector, integrated manual filter cleaning system.
- ✓ Maintenance free motor ideal for continuous duty.
- ✓ Easy material discharge by detachable container.
- ✓ Industrial vacuum cleaner, ATEX Z21 2D certified.
- ✓ Antistatic, class M filter with integrated manual filter shaking system.
- ✓ Stainless steel container, absolute HEPA H14 filter and pressure relief valve included.



SUCTION UNIT

Atex zones		ATEX Z20/Z21
Marking		II 1/2D IIIC T135°C X IP65 Da/Db
Voltage	V - Hz	400 - 50
Power	kW	4
Max waterlift	mmH2O	2.700
Max air flow	m³/h	450
Suction inlet	mm	80



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	20.000
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m³/m²/h	225
Cleaning system		Manual



COLLECTION UNIT

Collection tank		Steel
Discharge system		Roll-out container
Capacity	lt.	100
Floating device		N./A.



VOLUME

Dimensions	cm	120 x 65 x 155h
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SUCTION UNIT

Suction is developed by a powerful side channel blower with direct coupling between the fan and the motor and no transmission system, making it completely maintenance free and fit for continuous duty.



FILTER UNIT

The filter is cleaned mechanically by means of a manual filter shaking lever which shakes the filter vertically, ensuring safe and effective cleaning. This contributes to maintain high suction efficiency and avoids the spreading of dust in the environment.



COLLECTION UNIT

Suctioned material deposits inside an extractable stainless steel container fitted with wheels, allowing practical and safe emptying. Use with disposable bags is possible.



OPTIONALS

- ✓ AISI 304 stainless steel collection tank
- ✓ Stainless steel collection tank and filter chamber AISI 304
- ✓ Absolute cartridge filter H14

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Technical Customer Support

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