ATEX AND ACD VACUUM CLEANERS

M 100 ACD

INDUSTRIAL VACUUM FOR COMBUSTIBLE DUST

POWER
3,9 kW - 5,2 HP

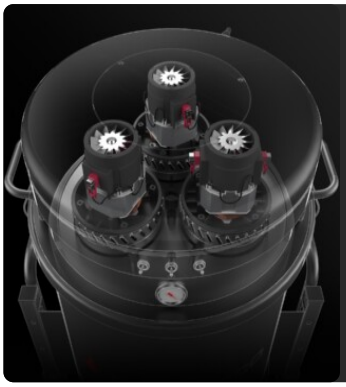
APPLICATION
Combustible dusts

CAPACITY
100 Lt

FEATURES

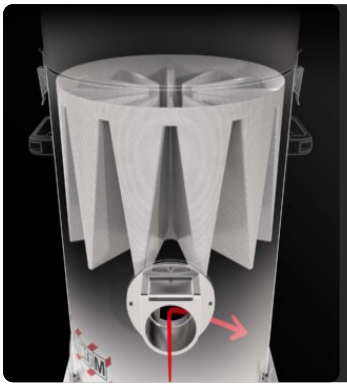
- ACD classified for combustible dust extraction in non-Atex classified areas
- High filtration efficiency with complete grounding of the unit
- Compact and easy to maintain
- Vacuum gauge for performance monitoring

HIGHLIGHTS



SUCTION UNIT

Suction is provided by 3 by-pass motors operated by independent switches, allowing the operator to control suction performance. The motors are located inside a robust enclosure, with an insulating sponge to maintain a low noise level.



FILTER UNIT

The material is diverted by a deflector protecting the main filter. Filtration is ensured by a class M polyester star filter (filtration efficiency 1 micron) with high filtering surface area, which guarantees air passage even with the dirty filter.

DESIGNED FOR COMBUSTIBLE DUST

Ideal for collecting fine and potentially combustible dust in non-ATEX classified areas. The ACD vacuum is equipped with antistatic filters and full grounding to ensure safe and reliable operation.

COLLECTION UNIT

The material is collected inside a coated container complete with a handle that allows its release. Thanks to the 4 sturdy pivoting wheels, the container can be moved with ease, and the collected material can then be disposed of.

TECHNICAL DATA

MOTOR

Typologies	By-pass
Power	3,9 kW - 5,2 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	250 mBar
Maximum air flow	570 m3/h
Insulation class	54 | F IP
Noise level	72 dB(A)

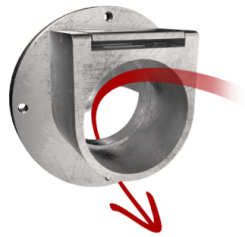
MACHINE

Suction inlet	70 Ø mm
Collection system	Steel container
Capacity	100 Lt
Dimensions	660 x 800 mm
Height	1515 mm
Weight	80 Kg

FILTRATION

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual

FEATURES



DEFLECTOR
Internal deflector to protect the filter

PUSH HANDLE

SHUKO TYPE PLUG

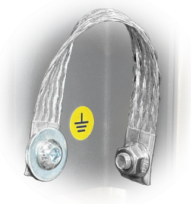
VACUUM GAUGE
Vacuum gauge for indication of filter clogged or in need of replacement

POWER SUPPLY CABLE

WHEEL WITH BRAKE
Non-marking wheel with integrated brake

WHEELS
Non-marking pivoting wheels

STEEL CONSTRUCTION
Rugged industrial coated steel construction



GRD
Grounding

ANT M
Antistatic filter (M class EN 60335-2-69)

OPTIONS

AVAILABLE FILTER MEDIA

PTFE ANT
Antistatic PTFE filter (M class EN 60335-2-69)

HEPA 14
Absolute filter (EN 1822)
22.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

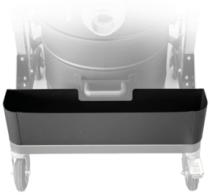
STRUCTURE AND OPTIONS

60HZ
Available in 60Hz version

3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

BX
Stainless steel bin AISI 304

GX
Stainless steel bin and chamber AISI 304



AB
Accessories basket

RC SCHUKO
Remote control by power tool (MAX 2000 W)

ACCESSORIES

P13641

ANTISTATIC STARTER KIT Ø 40MM

Safety kit for areas with electrostatic hazards, ideal for fine and conductive dust. - 3 m of electrically conductive EVA tubing - 1x 50 ...

P13642

ANTISTATIC KIT PRO Ø 40MM

Complete antistatic system for thorough cleaning of sensitive production environments. - 3 m of electrically conductive EVA tubing - 1x ...

P14900

VERTIVAC – CONDUCTIVE ACCESSORY KIT FOR CLEANING AT HEIGHT Ø 40MM

An ultra-lightweight, conductive carbon fiber extension system designed to safely reach hard-to-reach spots and elevated structures from the ...

P12378

ANTISTATIC STARTER KIT Ø 50MM

Certified basic configuration for charge dissipation on medium-diameter cables. - 3 m of electrically conductive EVA - 2 anti-static rub ...

P12377

ANTISTATIC KIT PRO Ø 50MM

Electrically conductive solution for maximum protection against static discharge. - 3 m of electrically conductive EVA - 2 anti-static r ...

P10867

IRON REDUCER Ø 70/40MM

Reducer for vacuum quick fitting in galvanised steel 70/40 mm diameter

P10866

IRON REDUCER Ø 70/50MM

Reducer for vacuum quick fitting in galvanised steel 70/50 mm diameter