ATEX AND ACD VACUUM CLEANERS

ECOBULL M ACD

INDUSTRIAL VACUUM FOR COMBUSTIBLE DUST

POWER
1,8 kW - 2,4 HP

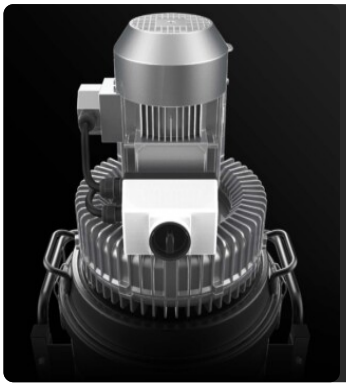
APPLICATION
Combustible dusts

CAPACITY
65 Lt

FEATURES

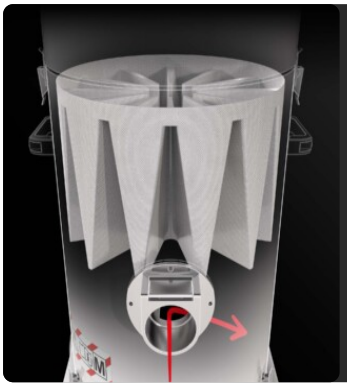
- ACD classified for the extraction of combustible dusts in non-Atex classified areas
- High filtration efficiency with complete grounding of the unit
- Compact and easy to maintain
- Vacuum gauge for performance monitoring

HIGHLIGHTS



SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free operation. A metal silencer is included as standard in the turbine to ensure 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	Side channel blower
Power	1,8 kW - 2,4 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	230 mBar
Maximum air flow	240 m3/h
Insulation class	55 | F IP
Noise level	74 dB(A)

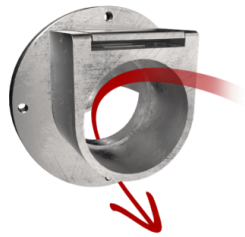
MACHINE

Suction inlet	70 Ø mm
Collection system	Steel container
Capacity	65 Lt
Dimensions	660 x 800 mm
Height	1530 mm
Weight	85 Kg
Safety valve	Pressure relief valve

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

PRV
Pressure relief valve installed

GRD
Grounding

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

OPTIONS

AVAILABLE FILTER MEDIA

PTFE ANT
Antistatlc 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

AVAILABLE FILTER CLEANING SYSTEMS

SP
Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 3 Polyester filter cartridges, 9 m² filter surface

PSC
Semiautomatic pneumatic filter shaker

STRUCTURE AND OPTIONS

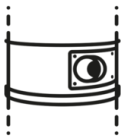
60HZ
Available in 60Hz version

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

100 LT
100 Lt bin



CYCLONIC EFFECT
Tangential inlet and cyclone installed
Tangential inlet + cyclone

SPARK TRAP
Built to capture sparks produced during welding, sanding, or polishing operations on metal parts

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 ...