ATEX AND ACD VACUUM CLEANERS

# ECOBULL PLUS ACD

## INDUSTRIAL VACUUM FOR COMBUSTIBLE DUST

**POWER**
4 kW - 5,5 HP

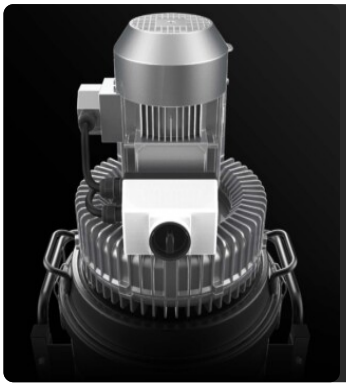
**APPLICATION**
Combustible dusts

**CAPACITY**
65 Lt

## FEATURES

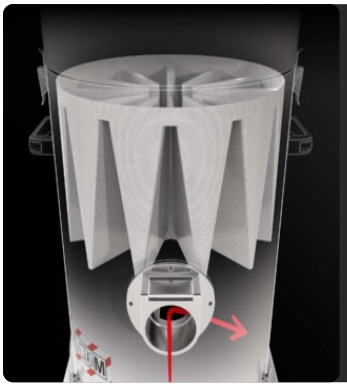
- ACD classified for the extraction of combustible dusts in non-Atex classified areas
- High filtration efficiency with complete grounding of the unit
- Compact and easy to maintain
- Vacuum gauge for performance monitoring

## 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** | 4 kW - 5,5 HP |
| **Frequency** | 50/60 Hz |
| **Voltage** | 400 V |
| **Vacuum in continuous run** | 270 mBar |
| **Maximum air flow** | 340 m3/h |
| **Insulation class** | 55 \| F IP |
| **Noise level** | 72 dB(A) |

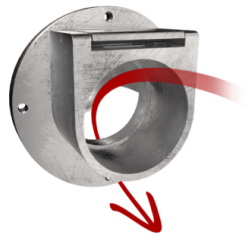
### MACHINE

| | |
|---|---|
| **Suction inlet** | 70 Ø mm |
| **Collection system** | Steel container |
| **Capacity** | 65 Lt |
| **Dimensions** | 660 x 800 mm |
| **Height** | 1530 mm |
| **Weight** | 95 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

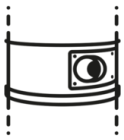
### 60HZ
Available in 60Hz version

### 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 ...