

ATEX AND ACD VACUUM CLEANERS

# BL 45 ACD

## ACD INDUSTRIAL VACUUM FOR COMBUSTIBLE DUST



**POWER**  
1,1 kW - 1,5 HP



**APPLICATION**  
Combustible dusts



**CAPACITY**  
45 Lt

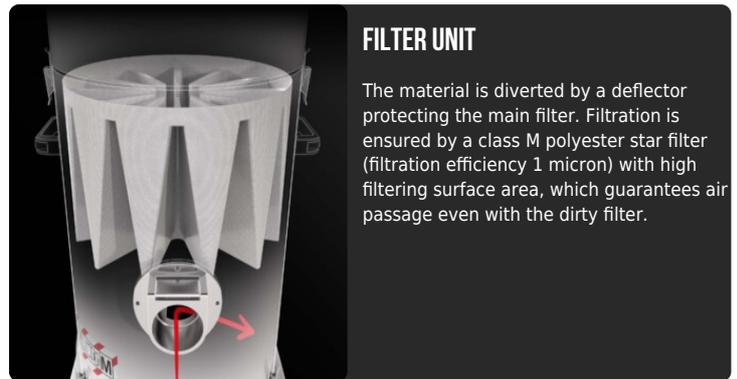
**FEATURES**

- ACD classified for combustible dust extraction in non-Atex classified areas
- Brushless motor for high performance and longevity, lasting over 20,000 hours
- Compact and easy to maintain
- Vacuum gauge for performance monitoring

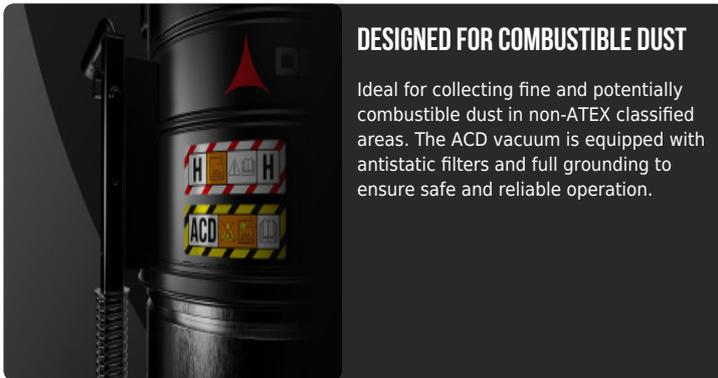
**HIGHLIGHTS**

**SUCTION UNIT**

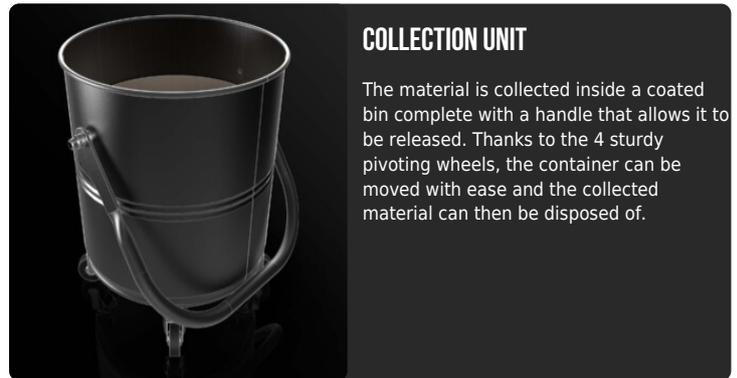
The vacuum unit is a powerful Brushless motor, suitable for continuous work. Two filters are installed on the vacuum cleaner head: one to protect the motor and the other placed on the air outlet. The air that comes out is totally filtered


**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 bin complete with a handle that allows it to be released. 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	Brushless
Power	1,1 kW - 1,5 HP
Frequency	50/60 Hz
Voltage	110 - 230 V
Vacuum in continuous run	230 mBar
Maximum air flow	220 m3/h
Noise level	72 dB(A)

**MACHINE**

Suction inlet	70 Ø mm
Collection system	Steel container
Capacity	45 Lt
Dimensions	550 x 620 mm
Height	1303 mm
Weight	45 Kg

**FILTRATION**

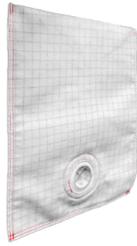
Primary filter type	Star
Filter surface	15000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual
Outlet air filter	Included
Inlet air filter	Included
Outlet Absolute filter	Included

OPTIONS

AVAILABLE FILTER MEDIA



**HEPA 14**  
Absolute filter (EN 1822)  
22.000 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber



**BAG**  
Disposable anti-static filter bag

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

ACCESSORIES



**P13641**  
**ANTISTATIC STARTER KIT Ø 40MM**

Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner



**P13642**  
**ANTISTATIC KIT PRO Ø 40MM**

Kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner



**P14900**  
**VERTIVAC – CONDUCTIVE ACCESSORY KIT FOR CLEANING AT HEIGHT Ø 40MM**



**P12378**  
**ANTISTATIC STARTER KIT Ø 50MM**

Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



**P12377**  
**ANTISTATIC KIT PRO Ø 50MM**

Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner