

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

PUMA 30 S ACD

HIGH-PERFORMANCE INDUSTRIAL VACUUM FOR COMBUSTIBLE DUST



POWER
21,3 kW - 29 HP



APPLICATION
Combustible dusts



CAPACITY
175 Lt

FEATURES

- High performance even during continuous use
- Multiple construction options available
- ACD classified for combustible dust extraction in non-Atex classified areas
- Ideal for applications involving large volumes of material and in heavy industry

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 work. A metal silencer is included as standard in the turbine to ensure a low noise level.



FILTER UNIT

The tangential inlet facilitates the cyclonic effect to deposit the collected material in the container. Filtration is ensured by a polyester star filter in class M (filtering efficiency 1 micron) with high filtering surface area, which guarantees air passage even with a 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 bin can be moved with ease and the collected material can then be disposed of.

TECHNICAL DATA

MOTOR

| | |
|--------------------------|--------------------------|
| Typologies | Side channel blower |
| Power | 21,3 kW - 29 HP |
| Frequency | 50/60 Hz |
| Voltage | 400 V |
| Vacuum in continuous run | 445 mBar |
| Maximum air flow | 1110 m3/h |
| Insulation class | 55 F IP |
| Noise level | 78 dB(A) |
| Remote control | Free connector available |

MACHINE

| | |
|-------------------|-----------------------|
| Suction inlet | 130 Ø mm |
| Collection system | Steel container |
| Capacity | 175 Lt |
| Dimensions | 1050 x 1950 mm |
| Height | 2300 mm |
| Weight | 620 Kg |
| Safety valve | Pressure relief valve |
| Forklift support | Included |

FILTRATION

| | |
|--------------------------------|---------------------------|
| Primary filter type | Star |
| Filter surface | 110000 cm2 |
| EN 60335-2-69 filtration class | M |
| Media | Antistatic polyester |
| Filter Cleaning System | SE Electric filter shaker |

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



SP
Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 4
Polyester filter cartridges, 18 m² filter surface



PSC
Semiautomatic pneumatic filter shaker



COM
Compressor on board
Compressor fitted on the back cover

AVAILABLE FILTER MEDIA



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

STRUCTURE AND OPTIONS

60^{Hz}

60HZ

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



ATEX CERTIFICATION



FLAMELESS VENT

A valve that contains the flame and the overpressure generated by a possible explosion.



PANEL VENT FOR DIRECTIONAL EXPLOSION

An explosion vent designed to break at a specific pressure and release the explosive pressure in a safe area.
Panel vent for explosion



GX

Stainless steel bin and chamber AISI 304



BX

Stainless steel bin AISI 304

ACCESSORIES



P14899

ANTISTATIC KIT Ø 70MM

Maximum efficiency and antistatic safety for removing large volumes of conductive material. - 5-meter antistatic PUR hose - 2x antistati ...



P01034

TILTING KIT FOR DUST BIN – BRACKET Ø 570MM

Lifting bracket with forklift for 570 mm diameter container fitted with lifting ring. This way the vacuum's container can be lifted and tilt ...