

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

PUMA 25

HIGH-POWER INDUSTRIAL VACUUM FOR COMBUSTIBLE DUST



POWER
18,5 kW - 25 HP



APPLICATION
Combustible dusts

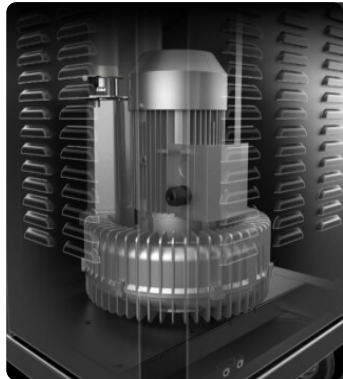


CAPACITY
175 Lt

FEATURES

- ACD classified for combustible dust extraction in non-Atex classified areas
- Multiple construction options available
- Can also be used in heavy-duty and continuous applications
- Can be integrated into centralized vacuum systems

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 | 18,5 kW - 25 HP |
| Frequency | 50/60 Hz |
| Voltage | 400 V |
| Vacuum in continuous run | 320 mBar |
| Maximum air flow | 1380 m3/h |
| Insulation class | 55 F IP |
| Noise level | 74 dB(A) |
| Remote control | Free connector available |

MACHINE

| | |
|-------------------|-----------------------|
| Suction inlet | 100 Ø mm |
| Collection system | Steel container |
| Capacity | 175 Lt |
| Dimensions | 850 x 1550 mm |
| Height | 1980 mm |
| Weight | 370 Kg |
| Safety valve | Pressure relief valve |
| Forklift support | Included |

FILTRATION

| | |
|--------------------------------|-----------|
| Primary filter type | Star |
| Filter surface | 45000 cm2 |
| EN 60335-2-69 filtration class | M |
| Media | Polyester |
| Filter Cleaning System | Manual |

FEATURES



VACUUM GAUGE

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



POWER SUPPLY CABLE



PLUG

4-pole industrial plug



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



ANTISTATIC FILTRATION

Antistatic filtration to discharge static energy



CYCLONIC EFFECT

Tangential inlet and cyclone installed



PRV

Pressure relief valve installed



ELECTRICAL PANEL

Electrical panel, implementable with additional functions



GRD

Grounding

OPTIONS
AVAILABLE FILTER CLEANING SYSTEMS

SP

Automatic reverse jet cleaning system
 Antistatic M class filter (EN 60335-2-69), 4
 Polyester filter cartridges, 12 m² filter surface


SE

Semiautomatic electrical filter shaker


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



CONTAINER EMPTYING KIT
System for easy container emptying using forklift lifting.



GFR
Lifting eyebolts



FKL
Forklift bracket



BX
Stainless steel bin AISI 304



GX
Stainless steel bin and chamber AISI 304

ACCESSORIES



P14899
ANTISTATIC KIT Ø 70MM
Complete kit of antistatic accessories for vacuuming dust and solids with a diameter of 70 mm.