

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

PUMA 35 S SP

POWERFUL INDUSTRIAL VACUUM CLEANER WITH AUTOMATIC FILTER CLEANING



POWER
25 kW - 34 HP



APPLICATION
Fine, dry and clogging
powders

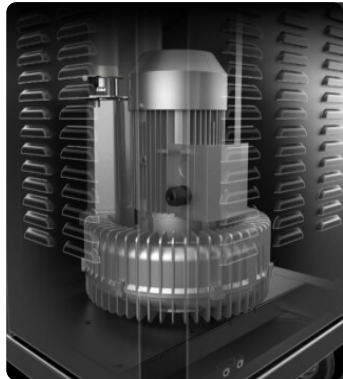


CAPACITY
175Lt

FEATURES

- Maximum performance even in continuous use
- Possibility of extracting dust and solids in heavy-duty applications
- Multiple construction options available
- Can be integrated into centralized vacuum systems

HIGHLIGHTS



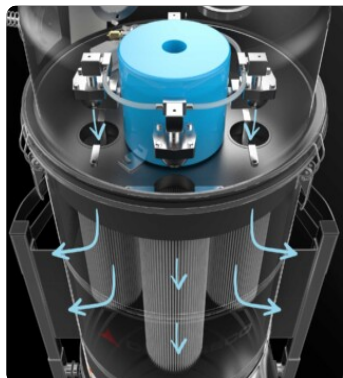
SUCTION UNIT

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

Filtration is ensured by polyester cartridge filters in class M (filtration efficiency 1 micron) with high filtering surface area, which guarantees the passage of air even with dirty filter.



SP FILTER CLEANING SYSTEM

Automatic filter cleaning system in reverse flow of air at 6 bar (compressed air not supplied as standard). Each filter is cleaned at regular, alternately adjustable intervals without interrupting suction. Ideal for fine and difficult dust.



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 | 25 kW - 34 HP |
| Frequency | 50/60 Hz |
| Voltage | 400 V |
| Vacuum in continuous run | 445 mBar |
| Maximum air flow | 1130 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 | 650 Kg |
| Safety valve | Pressure relief valve |
| Forklift support | Included |

FILTRATION

| | |
|--------------------------------|----------------------|
| Primary filter type | 4x Cartridges |
| Filter surface | 180000 cm2 |
| EN 60335-2-69 filtration class | M |
| Media | Antistatic polyester |
| Filter Cleaning System | Automatic SP |

FEATURES



ELECTRICAL PANEL

Electrical panel, implementable with additional functions



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



CYCLONIC EFFECT

Tangential inlet and cyclone installed



PRV

Pressure relief valve installed



SE

Semiautomatic electrical filter shaker

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



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



PTFE

PTFE Filter (M class EN 60335-2-69)



NOMEX

250° Celsius resistant filter



MTF

Teflon filter (M class EN 60335-2-69)



ANT M

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



PTFE ANT

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

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



RC
Remote control 24V ON/OFF

ACCESSORIES



P12348
DRY KIT Ø 70MM
Kit containing specific accessories for 70 mm diameter dust and solids vacuuming