

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

# PUMA 25 SP

## HIGH-POWER INDUSTRIAL VACUUM CLEANER WITH AUTOMATIC CLEANING



**POWER**  
18,5 kW - 25 HP



**APPLICATION**  
Fine, dry and clogging  
powders

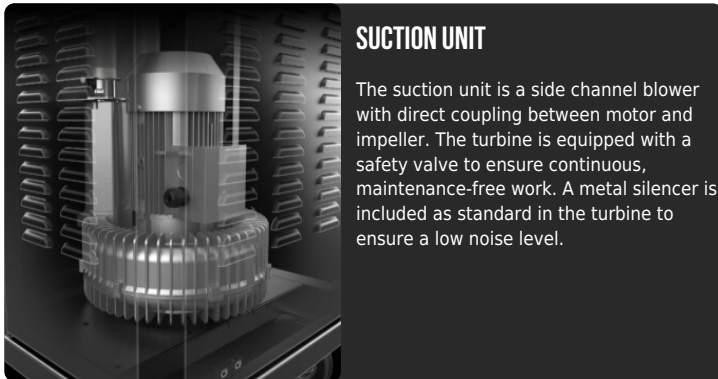


**CAPACITY**  
175 Lt

## FEATURES

- High performance even in continuous use
- Possibility of vacuuming fine dust in large quantities
- 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.



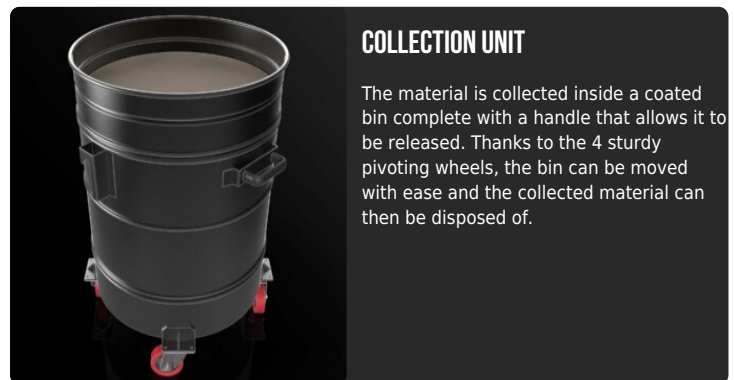
### FILTER UNIT

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                    | 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            | 4x Cartridges        |
| Filter surface                 | 120000 cm2           |
| EN 60335-2-69 filtration class | M                    |
| Media                          | Antistatic polyester |
| Filter Cleaning System         | Automatic SP         |

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 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber



**PTFE ANT**

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



**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)

STRUCTURE AND OPTIONS

**60<sup>Hz</sup>**

**60HZ**  
Available in 60Hz version



**3 YEARS WARRANTY**  
Purchasing the replacement filter along with the vacuum



**ATEX CERTIFICATION**



**CONTAINER TILTABLE KIT**  
System for easy container emptying using forklift lifting.



**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



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



**GRD**  
Grounding



**GFR**  
Lifting eyebolts



**FKL**  
Forklift bracket



**BX**  
Stainless steel bin AISI 304



**GX**  
Stainless steel bin and chamber AISI 304



**RC**  
Remote control 24V ON/OFF

ACCESSORIES



**P12348**  
**DRY KIT Ø 70MM**  
Large-diameter configuration for removing bulky debris and heavy dust in industrial settings. - 5-meter reinforced polyurethane hose - 2 ...