

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

# PUMA 18 S

## HIGH POWER INDUSTRIAL VACUUM CLEANER



**POTENZA**  
12,5 kW - 18 HP



**APPLICAZIONE**  
Powders, solids and  
shavings

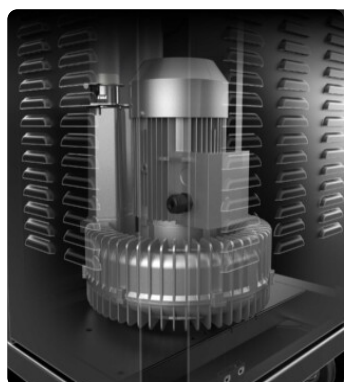


**CAPACITA'**  
175Lt

## VANTAGGI

- High performance even in continuous use
- Multiple construction options available
- Ability to vacuum dust, solids and liquids
- Can be integrated on centralized suction 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.



### FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



### 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

### MOTORE

Tipologie	Side channel blower
Potenza	12,5 kW - 18 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	530 mBar
Massima portata d'aria	720 m3/h
Classe di isolamento	55   F IP
Livello di rumorosità	74 dB(A)
Controllo Remoto	Free connector available

### MACCHINA

Bocca aspirante	100 Ø mm
Sistema di raccolta	Steel container
Capacità	175 Lt
Dimensioni	850 x 1550 mm
Altezza	1980 mm
Peso	335 Kg
Valvola di sicurezza	Pressure relief valve
Supporto sollevamento muletto	Included

### FILTRAZIONE

Tipologia filtro primario	Star
Superficie filtrante	45000 cm2
Classe filtrazione EN 60335-2-69	M
Media	Polyester
Sistema Pulizia filtro	Manual

## DOTAZIONI



### 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



### ELECTRICAL PANEL

Electrical panel, implementable with additional functions

**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


**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 EMPTYING 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

## ACCESSORIES



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