

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

# PUMA 30 S

## HIGH PERFORMANCE INDUSTRIAL VACUUM



**POWER**  
21,3 kW - 29 HP



**APPLICATION**  
Powders, solids and shavings



**CAPACITY**  
175 Lt

## FEATURES

- Maximum performance even in continuous use
- Ability to vacuum dust and solids in heavy-duty applications
- Multiple construction options available
- Can be integrated on centralized suction systems

## HIGHLIGHTS



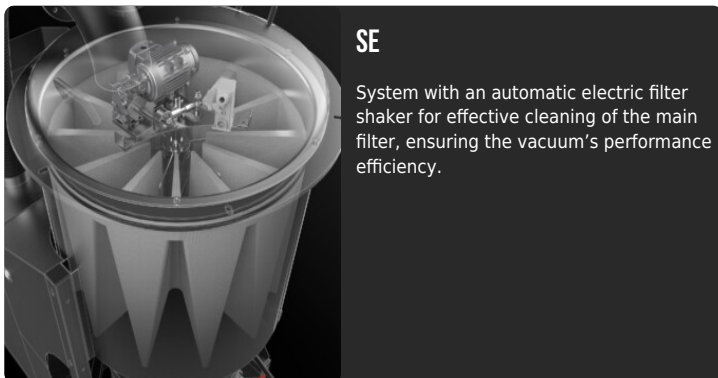
### SUCTION UNIT

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.



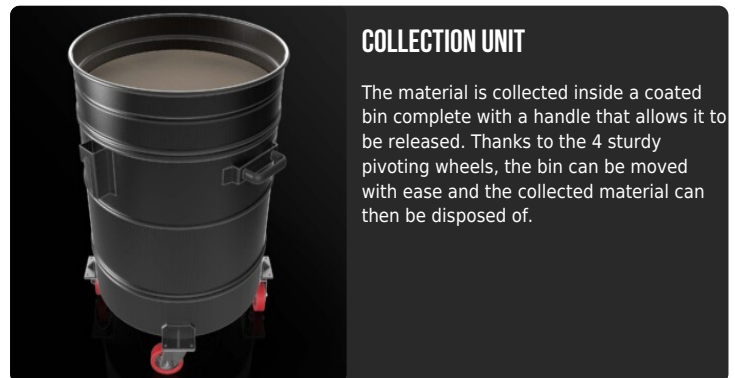
### FILTER UNIT

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.



### SE

System with an automatic electric filter shaker for effective cleaning of the main filter, ensuring the vacuum's performance efficiency.



### 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	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 m<sup>2</sup> 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 cm<sup>2</sup> 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

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...