

ATEX AND ACD VACUUM CLEANERS

# PUMA 30 S 1/2D

## ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



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

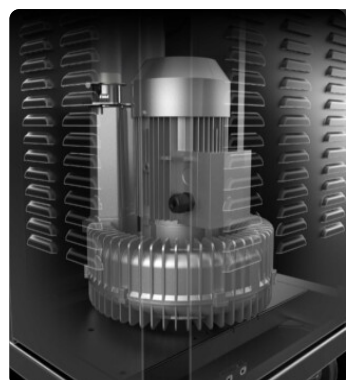


**APPLICAZIONE**  
Combustible dusts

## VANTAGGI

- Suitable and safe for intensive work in Atex 21 zones
- High efficiency antistatic filtration with integrated automatic cleaning system and grounding
- Maximum power thanks to the Atex certified blower
- Ideal for large 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.



### 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 an AISI 304 stainless steel container, complete with a metal handle that allows its release, to avoid any sparks that could be generated by the electrostatic charge.

## TECHNICAL DATA

### MOTORE

Tipologie	Atex side channel blower
Potenza	18,5 kW - 25 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	380 mBar
Massima portata d'aria	1180 m3/h
Classe di isolamento	65   F IP
Livello di rumorosità	78 dB(A)

### MACCHINA

Marcatura ATEX	II 1/2D Ex htc IIIC T140°C Da/Dc
Categoria EX	1/2D
Temperatura di utilizzo	-10/+40 C°
Bocca aspirante	130 Ø mm
Dimensioni	1050 x 1950 mm
Altezza	2300 mm
Peso	620 Kg
Valvola di sicurezza	Pressure relief valve

### FILTRAZIONE

Tipologia filtro primario	4x Cartridges
Superficie filtrante	180000 cm2
Classe filtrazione EN 60335-2-69	M
Media	Antistatic polyester
Sistema Pulizia filtro	Automatic SP
Filtro Assoluto Secondario	H14 - Included

**DOTAZIONI**



**THIRD PARTY ATEX CERTIFICATION**



**4-PIN ATEX INDUSTRIAL PLUG**



**ANTISTATIC FILTRATION**  
Antistatic filtration to discharge static energy



**POWER SUPPLY CABLE**



**WHEEL WITH BRAKE**  
Non-marking wheel with integrated brake



**WHEELS**  
Non-marking pivoting wheels



**STEEL CONSTRUCTION**  
Rugged industrial coated steel construction



**BX**  
Stainless steel bin AISI 304



**SP**  
Automatic reverse jet cleaning system



**CYCLONIC EFFECT**  
Tangential inlet and cyclone installed



**GRD**  
Grounding



**FKL**  
Forklift bracket

## OPTIONS

### AVAILABLE FILTER MEDIA



#### HEPA 14

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

### STRUCTURE AND OPTIONS

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

#### 60HZ

Available in 60Hz version



#### 3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



#### 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



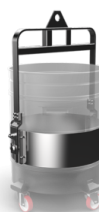
#### GX

Stainless steel bin and chamber AISI 304



#### RC

Remote control 24V ON/OFF



#### CONTAINER EMPTYING KIT

System for easy container emptying using forklift lifting.

## ACCESSORIES



### **P09319**

#### **TILTABLE SEPARATOR WITH CYCLONE HEAD (580 LT)**

Separator in sturdy painted steel, can be lifted and tilted with the forklift. Fitted with a cyclone capable of breaking down the vacuumed m ...