

ATEX AND ACD VACUUM CLEANERS

PUMA 10 SP 1/3D

ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



POTENZA
7,5 kW - 10 HP



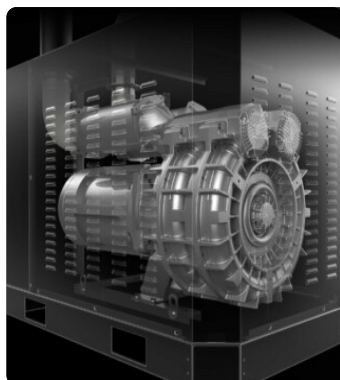
APPLICAZIONE
Combustible dusts



CAPACITA'
175Lt

VANTAGGI

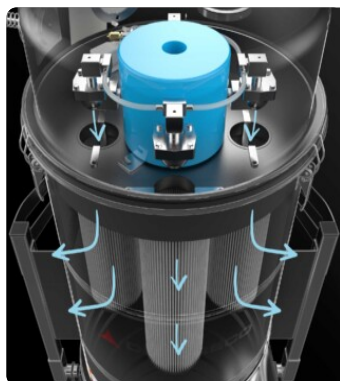
- Suitable and safe for intensive work in Atex 22 zones
- High efficiency antistatic filtration with integrated automatic cleaning system and grounding
- Maximum power thanks to the Atex certified blower
- Ideal for large centralized suction systems

HIGHLIGHTS

SUCTION UNIT

The suction unit is a manufacturer-certified Atex side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve that ensures continuous work, without any maintenance.


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 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	7,5 kW - 10 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	280 mBar
Massima portata d'aria	700 m3/h
Classe di isolamento	65 F IP
Livello di rumorosità	74 dB(A)

MACCHINA

Marcatura ATEX	II 1/3D Ex htc IIIC T140°C Da/Dc
Categoria EX	1/3D
Temperatura di utilizzo	-10/+40 C°
Bocca aspirante	100 Ø mm
Sistema di raccolta	AISI304 stainless steel container
Capacità	175 Lt
Dimensioni	850 x 1550 mm
Altezza	1980 mm
Peso	295 Kg
Valvola di sicurezza	Pressure relief valve

FILTRAZIONE

Tipologia filtro primario	4x Cartridges
Superficie filtrante	120000 cm2
Classe filtrazione EN 60335-2-69	M
Media	Antistatic polyester
Sistema Pulizia filtro	Automatic SP

DOTAZIONI



THIRD PARTY ATEX CERTIFICATION



ELECTRICAL PANEL
Electrical panel, implementable with additional functions



4-PIN ATEX INDUSTRIAL PLUG



ANTISTATIC FILTRATION
Antistatic filtration to discharge static energy



VACUUM GAUGE
Vacuum gauge for indication of filter clogged or in need of replacement



POWER SUPPLY CABLE



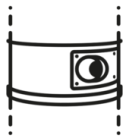
WHEEL WITH BRAKE
Non-marking wheel with integrated brake



WHEELS
Non-marking pivoting wheels



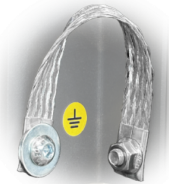
STEEL CONSTRUCTION
Rugged industrial coated steel construction



CYCLONIC EFFECT
Tangential inlet and cyclone installed



PRV
Pressure relief valve installed



GRD
Grounding



BX
Stainless steel bin AISI 304

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

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)

STRUCTURE AND OPTIONS

60^{Hz}

60HZ

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



CONTAINER EMPTYING KIT

System for easy container emptying using forklift lifting.



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



FKL

Forklift bracket



GX

Stainless steel bin and chamber AISI 304