

ATEX AND ACD VACUUM CLEANERS

PUMA 30 S 1/3D Z20/22 ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER





POWER 18,5 kW - 25 HP



APPLICATION

Combustible dusts



FEATURES

- 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 turbine
- 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

Atex side channel blower
18,5 kW - 25 HP
50/60 Hz
400 V
380 mBar
1180 m3/h
65 F IP
78 dB(A)

MACHINE II 1/3D Ex htc IIIC Atex marking T140°C Da/Dc 1/3D **EX** category Operating temperature -10/+40 C° Suction inlet $130\,\text{Ø}\,\text{mm}$ Dimensions 1050 x 1950 mm Height 2300 mm Weight 620 Kg Pressure relief valve Safety valve

FILTRATION

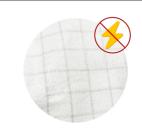
Primary filter type	4x Cartridges
Filter surface	180000 cm2
EN 60335-2-69 filtration class	М
Media	Antistatic polyester
Filter Cleaning System	Automatic SP



FEATURES



THIRD PARTY ATEX CERTIFICATION



ANTISTATIC FILTRATION
Antistatic filtration to discharge static energy



POWER SUPPLY CABLE



WHEEL WITH BRAKE
Non-marking wheel with integrated brake



WHEELSNon-marking pivoting wheels



STEEL CONSTRUCTION
Rugged industrial coated steel construction



BX Stainless steel bin AISI 304



5-PIN ATEX INDUSTRIAL PLUG



\$PAutomatic reverse jet cleaning system



CYCLONIC EFFECTTangential inlet and cyclone installed



GRD Grounding



FKL Forklift bracket



OPTIONS

AVAILABLE FILTER MEDIA



HEPA 14Absolute filter (EN 1822)
110.000 cm² filter surface
H14 Class Filter (EN 1822)

Glass fiber

STRUCTURE AND OPTIONS



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



GΧ

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

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