



ATEX AND ACD VACUUM CLEANERS

# **PUMA 15 1/3D** Atex explosion-proof industrial Vacuum cleaner





## VANTAGGI

- Suitable and safe for intensive work in Atex 22 zones
- Maximum safety thanks to antistatic filtration and complete earthing
- 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**

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 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	11 kW - 15 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	300 mBar
Massima portata d'aria	920 m3/h
Classe di isolamento	65   F IP
Livello di rumorosità	74 dB(A)

#### MACCHINA

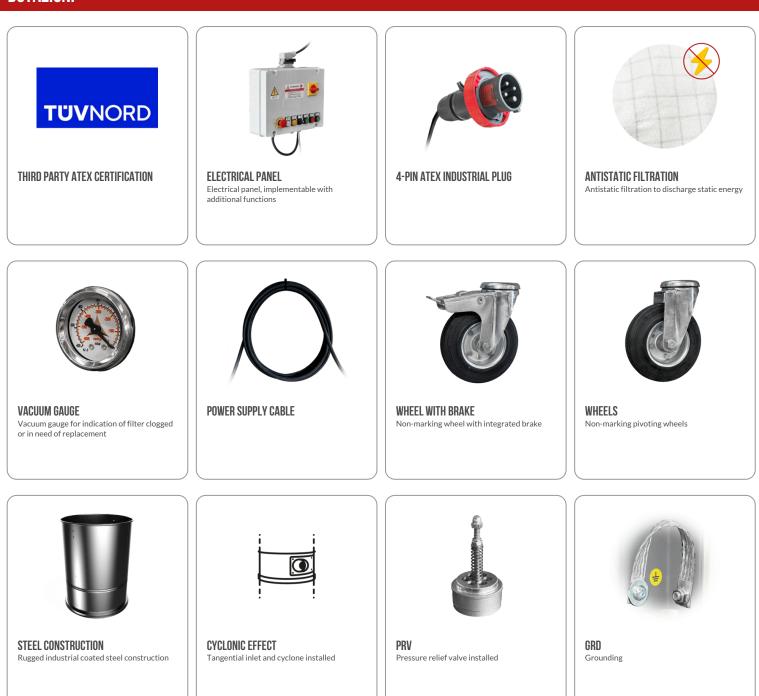
Marcatura ATEX	II 1/3D Ex htc IIIC T140°C Da/Dc
Categoria EX	1/3D
Temperatura di utilizzo	-10/+40 C°
Bocca aspirante	100 Ø mm
Sistema di raccolta	AISI304 stainless steel container
Capacità	175 Lt
Dimensioni	850 x 1550 mm
Altezza	1980 mm
Peso	270 Kg
Valvola di sicurezza	Pressure relief valve

#### FILTRAZIONE

Tipologia filtro primario	Star
Superficie filtrante	45000 cm2
Classe filtrazione EN 60335-2-69	М
Media	Antistatic polyester
Sistema Pulizia filtro	Manual



## DOTAZIONI







## **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** Antistatlc PTFE filter (M class EN 60335-2-69)



# **TECHNICAL SHEET**

# **STRUCTURE AND OPTIONS**



**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