

ATEX AND ACD VACUUM CLEANERS

# PUMA 15 DEX 1/3D

## ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



**POWER**  
11 kW - 15 HP



**APPLICATION**  
Combustible dusts

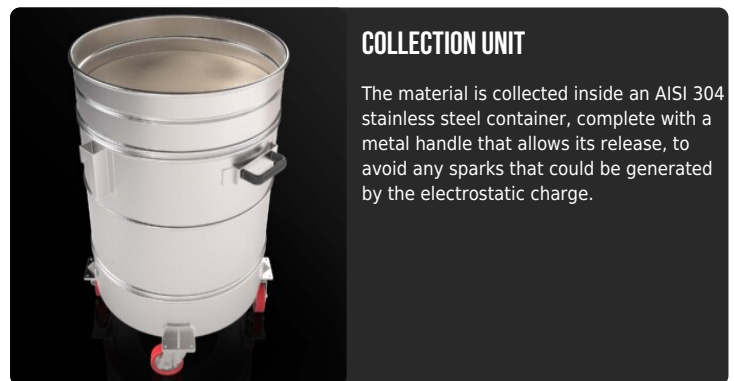
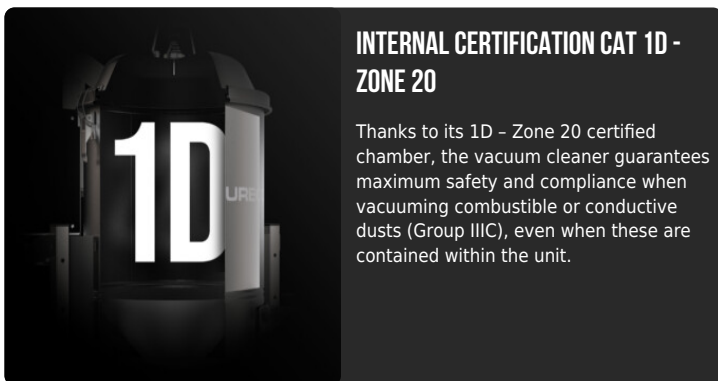
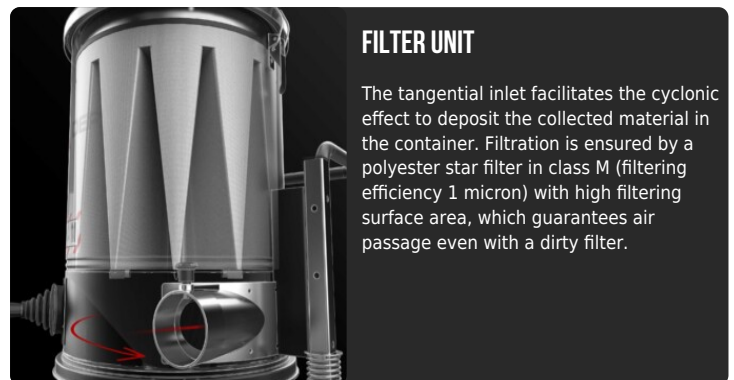


**CAPACITY**  
175 Lt

## FEATURES

- 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



## TECHNICAL DATA

MOTOR		MACHINE		FILTRATION	
Typologies	Atex 3D side channel blower	Atex marking	II 1/3D Ex htc IIIC T140°C Da/Dc	Primary filter type	Star
Power	11 kW - 15 HP	EX category	1/3D	Filter surface	45000 cm <sup>2</sup>
Frequency	50/60 Hz	Operating temperature	-10/+40 C°	EN 60335-2-69 filtration class	M
Voltage	400 V	Suction inlet	100 Ø mm	Media	Antistatic polyester
Vacuum in continuous run	300 mBar	Collection system	AISI304 stainless steel container	Filter Cleaning System	Manual
Maximum air flow	920 m <sup>3</sup> /h	Capacity	175 Lt		
Insulation class	65   F IP	Dimensions	850 x 1550 mm		
Noise level	74 dB(A)	Height	1980 mm		
		Weight	270 Kg		
		Safety valve	Pressure relief valve		

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



**SP**

Automatic reverse jet cleaning system  
Antistatic M class filter (EN 60335-2-69), 4  
Polyester filter cartridges, 12 m<sup>2</sup> filter surface

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 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

ACCESSORIES



**P14899**

**ANTISTATIC KIT Ø 70MM**

Complete kit of antistatic accessories for vacuuming dust and solids with a diameter of 70 mm.