

ATEX AND ACD VACUUM CLEANERS

# FOX 5,5 1/3D

## ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



POTENZA  
4 kW - 5,5 HP



APPLICAZIONE  
Combustible dusts

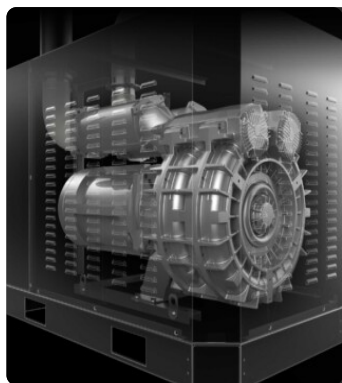


CAPACITA'  
100Lt

## VANTAGGI

- Suitable and safe for intensive work in Atex 22 zones
- ATEX-certified blower
- Third party certification of the inner chamber
- High-efficiency antistatic filtration with integrated manual cleaning system

## 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 filter surface.



### 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	4 kW - 5,5 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	230 mBar
Massima portata d'aria	450 m3/h
Classe di isolamento	65   F IP
Livello di rumorosità	73 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	80 Ø mm
Sistema di raccolta	AISI304 stainless steel container
Capacità	100 Lt
Dimensioni	660 x 1200 mm
Altezza	1510 mm
Peso	157 Kg
Valvola di sicurezza	Pressure relief valve

### FILTRAZIONE

Tipologia filtro primario	Star
Superficie filtrante	24000 cm2
Classe filtrazione EN 60335-2-69	M
Media	Antistatic polyester
Sistema Pulizia filtro	Manual

## DOTAZIONI



**THIRD PARTY ATEX CERTIFICATION**



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



**4-PIN ATEX INDUSTRIAL PLUG**



**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



**BX**  
Stainless steel bin AISI 304



**PRV**  
Pressure relief valve installed



**GRD**  
Grounding

**OPTIONS**
**AVAILABLE FILTER MEDIA**

**HEPA 14**

Absolute filter (EN 1822)  
 28.000 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<sup>Hz</sup>** 

**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.


**SPARK TRAP**

Built to capture sparks produced during  
 welding, sanding, or polishing operations on  
 metal parts


**GX**

Stainless steel bin and chamber AISI 304

## ACCESSORIES



### P12377

#### ANTISTATIC KIT PRO Ø 50MM

Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



### P13642

#### ANTISTATIC KIT PRO Ø 40MM

Kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner



### P12378

#### ANTISTATIC STARTER KIT Ø 50MM

Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



### P13641

#### ANTISTATIC STARTER KIT Ø 40MM

Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner