

ATEX AND ACD VACUUM CLEANERS

# FOX 10 SP 1/3D

## ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



POTENZA  
7,5 kW - 10 HP



APPLICAZIONE  
Combustible dusts

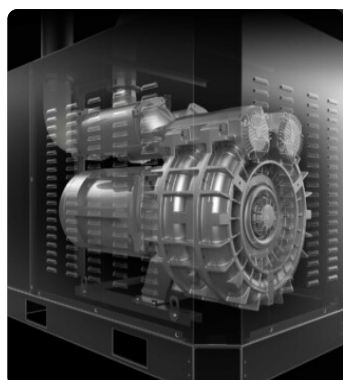


CAPACITA'  
100Lt

## VANTAGGI

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

## HIGHLIGHTS



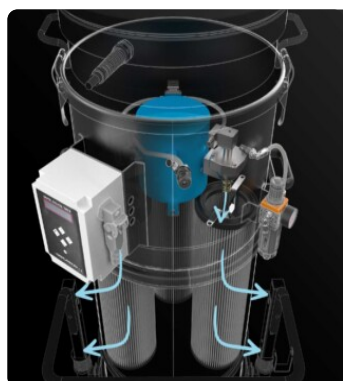
### SUCTION UNIT

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

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, adjustable intervals alternately 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	550 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	80 Ø mm
Sistema di raccolta	AISI304 stainless steel container
Capacità	100 Lt
Dimensioni	660 x 1200 mm
Altezza	1860 mm
Peso	242 Kg
Valvola di sicurezza	Pressure relief valve

### FILTRAZIONE

Tipologia filtro primario	3x Cartridges
Superficie filtrante	90000 cm2
Classe filtrazione EN 60335-2-69	M
Media	Antistatic polyester
Sistema Pulizia filtro	Automatic SP

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

### STRUCTURE AND OPTIONS

**60<sup>Hz</sup>**

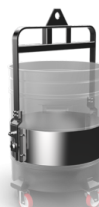
#### 60HZ

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