

ATEX AND ACD VACUUM CLEANERS

# FOX 7,5 SP 1/2D

## ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



**POTENZA**  
5,5 kW - 7,5 HP



**APPLICAZIONE**  
Combustible dusts

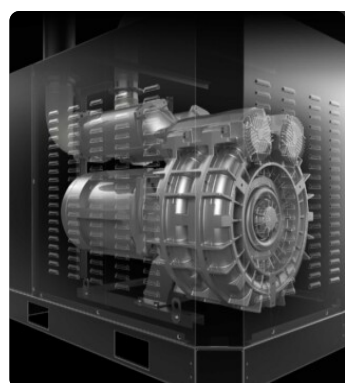


**CAPACITA'**  
100Lt

## VANTAGGI

- Suitable and safe for intensive work in Atex 21 zones
- ATEX certified blower
- Third party certification of the inner chamber
- Progressive efficiency multistage anti-static filtration (up to H14) with integrated automatic cleaning system

## HIGHLIGHTS



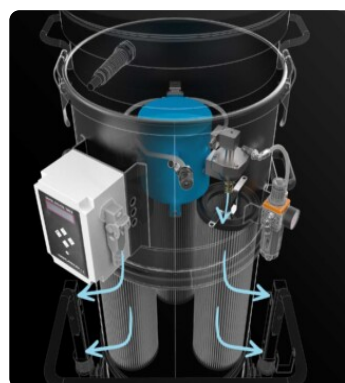
### SUCTION UNIT

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	5,5 kW - 7,5 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	240 mBar
Massima portata d'aria	550 m3/h
Classe di isolamento	65   F IP
Livello di rumorosità	74 dB(A)

### MACCHINA

Marcatura ATEX	II 1/2D Ex htc IIIC T140°C Da/Dc
Categoria EX	1/2D
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	177 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**



**4-PIN ATEX INDUSTRIAL PLUG**



**ANTISTATIC FILTRATION**

Antistatic filtration to discharge static energy



**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



**PRV**

Pressure relief valve installed



**GRD**

Grounding



**BX**

Stainless steel bin AISI 304



**HEPA 14**

Absolute filter (EN 1822)

## OPTIONS

### 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