

ATEX AND ACD VACUUM CLEANERS

FOX 3 1/2D

ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



POTENZA
2,2 kW - 3 HP



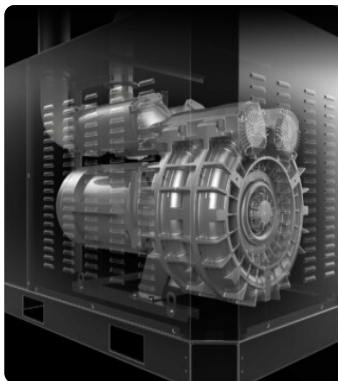
APPLICAZIONE
Combustible dusts



CAPACITA'
100Lt

VANTAGGI

- Suitable and safe for intensive work in Atex 21 zones
- ATEX-certified blower
- Third party certification of the inner chamber
- 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	2,2 kW - 3 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	200 mBar
Massima portata d'aria	320 m3/h
Classe di isolamento	65 F IP
Livello di rumorosità	73 dB(A)

MACCHINA

Marchatura 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	1510 mm
Peso	142 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



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



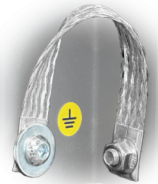
STEEL CONSTRUCTION
Rugged industrial coated steel construction



CYCLONIC EFFECT
Tangential inlet and cyclone installed



PRV
Pressure relief valve installed



GRD
Grounding



BX
Stainless steel bin AISI 304



THIRD PARTY ATEX CERTIFICATION



HEPA 14
Absolute filter (EN 1822)

OPTIONS

AVAILABLE FILTER MEDIA



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.



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