

ATEX AND ACD VACUUM CLEANERS

FOX 3 1/3D

ATEX EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANER



POTENZA
2,2 kW - 3 HP



APPLICAZIONE
Combustible dusts

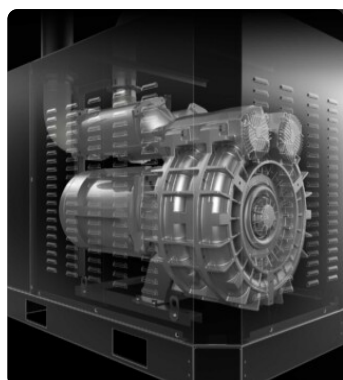


CAPACITA'
100Lt

VANTAGGI

- Suitable and safe for intensive work in Atex 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	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

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	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



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^{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