

SCHEDA TECNICA

FOX 3 ATEX Z20/Z22 II1/3D INDUSTRIAL VACUUM

ASPIRATORI INDUSTRIALI ATEX ED ACD

The FOX 3 ATEX Z20/Z22 is a **powerful and reliable industrial vacuum cleaner** suitable for working in **ATEX Z22 classified environments**. It is equipped with an **ATEX-certified side channel blower**, ideal for **continuous work** without the need for maintenance. The **vacuum cleaner** has a third-party certification (TUV) which certifies the **internal area as Z20**. Inside the **vacuum cleaner**, there is a large surface filter in **antistatic polyester** (24,000 cm²), **class M** certified with a **filtration efficiency** of 1 micron, to suck up **electrostatically charged dust**. The filter is protected by a **sturdy metal cyclone welded** inside the filter chamber, **minimizing the risk of clogging**. The unit can be equipped with an **absolute filter H14** on request if it is necessary to **suck up finer dust**. A large **100 Lt container in AISI 304 stainless steel** with the release on wheels allows you to easily **collect and empty the vacuumed material**.



POTENZA
2,2 kW



SUPERFICIE
24.000 cm²



CAPACITÀ
100 Lt

HIGHLIGHTS

SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee continued work in complete safety, without any maintenance. The blower is also equipped with a metal silencer to maintain a low noise level.


FILTERING ELEMENT

The filtration is guaranteed by an M class polyester filter. The star shape enables air to flow through the filter even when it is dirty. The fabric of the filter is classified as M Class (BIA | EN 60335-2-69). This means that all particles till 1 micron are stopped by the filter so as to protect the blower and the operator around the vacuum cleaner.


SUCTION INLET

The tangential inlet is designed to ease the process of pushing the material down the bin. A sturdy metal cyclone welded inside the chamber slows the material's entry speed considerably down so that it falls directly inside the bin. This way, the filter is efficiently protected, minimizing clogging risk.


COLLECTION BIN

The vacuumed material is collected in an AISI 304 stainless steel container, equipped with a metal handle that enables the bin to be detached from the machine, to avoid any spark that could be generated by the electrostatic charge. Thanks to the 4 sturdy pivoting wheels, the bin can be moved very easily to then dispose of the collected material. Each wheel is reinforced to guarantee maximum stability during handling.

DATI TECNICI
MOTORE

Tipologia	side channel blower
Marcatura ATEX	II 1/3 D Ex htc IIIC T140°C Da/Dc
Voltaggio	400V
IP	65
Vuoto in continuo	200mBar
Massima portata d'aria	320m3/h
Valvola di sicurezza	included
Livello di rumorosità	73dB(A)
Frequenza	50/60Hz
Potenza	3HP
Classe di isolamento	F

FILTRO PRIMARIO

Tipologia	star filter
Classe EN 60335-2-69	M Class
Media	antistatic polyester
Pulizia filtro	manual shaker

MACCHINA

Bocca aspirante	80Ø mm
Dimensioni	660 x 1.200mm
Altezza	1.510mm
Peso	142Kg
Ciclone conico	incluso

OPZIONI



MEDIA FILTRANTE DISPONIBILE



PTFE ANT

Filtro PTFE antistatico (Classe M EN 60335-2-69)



HEPA 14

Filtro assoluto (EN 1822)
28.000 cm² superficie filtrante
Classe H14 (EN 1822)
Fibra di vetro

OPZIONI



SISTEMI DI PULIZIA FILTRO DISPONIBILI



PSC

Scuotifiltro Pneumatico



SP

Pulizia cartucce in controcorrente d'aria
Filtro antistatico classe M (EN 60335-2-69)
3 Cartucce poliestere antistatico
9 m² superficie filtrante

OPZIONI

ALTRE OPZIONI



BX

Contenitore in acciaio INOX AISI 304



GX

Camera e contenitore acciaio INOX AISI 304

ACCESSORI



P12378

STARTER KIT ANTISTATICO Ø 50MM

Kit base di accessori antistatici per applicazione con aspiratore ATEX in diametro 50 mm



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STARTER KIT ANTISTATICO Ø 50MM

Kit base di accessori antistatici per applicazione con aspiratore ATEX in diametro 50 mm



P12378

STARTER KIT ANTISTATICO Ø 50MM

Kit base di accessori antistatici per applicazione con aspiratore ATEX in diametro 50 mm