

## SCHEDA TECNICA

# FOX 24 BATTERY OPERATED INDUSTRIAL VACUUM

## ASPIRATORI INDUSTRIALI WET&DRY MONOFASE

The **Fox 24** is an **industrial vacuum** that does not require external power. Thanks to the **24V motors** installed, it can work in **full autonomy** without a power cable just using the installed battery. The **Fox 24 industrial vacuums** works in all conditions and with different materials such as **dust, shavings, and liquids** using pipes that can be several meters long. The material enters **tangentially** through the **inlet** and against a **high-efficiency cyclone** that breaks the product down so that it ends up in the **collection bin**. This system safeguards the filter and significantly increases its service life. This **industrial vacuum** is fitted with a 24,000 cm<sup>2</sup> polyester pocket filter certified as **M Class by BIA** (Berufsgenossenschaftliches Institut für Arbeitssicherheit) with a 1µ **filtration efficiency**. The filter can be customized to a specific application. **Depureco's** Fox 24 industrial vacuum is supplied with **anti-static filters** to prevent electrostatic charges, in **NOMEX** to withstand high temperatures (up to 250°C), **Teflon** coated to work with wet materials, and with **PTFE** nanotechnology treatment to work with the most **difficult dust**. The vacuum is equipped with a **manual filter cleaning system**. The filter can be shaken easily and effectively with the lever on the top of the vacuum. This **vacuum cleaner** is equipped with a handy and sturdy **container**, fitted with a release system, which allows the operator to collect the **vacuumed materials** and conveniently dispose of them. The container can have a capacity of either 65 lt or 100 lt. To facilitate handling the container, there are 4 castor wheels mounted on reinforced supports so that it can be **handled easily** even when it contains several kg of material. A kit is available on-demand for handling and unloading the container with a forklift.



**POTENZA**  
1,5 kW



**SUPERFICIE**  
24.000 cm<sup>2</sup>



**CAPACITÀ**  
65/100 Lt

## HIGHLIGHTS



### SUCTION UNIT

The three strong by-pass motors composing the suction unit are powered by a 24V/≥ 85 A battery (not supplied by Depureco). Each motor is managed by an independent switch, permitting the operator to control the intake performance. The motors are located in a sturdy casing, with an insulating sponge to maintain a low noise level.



### 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, minimising clogging risk.



### 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 motors and the operator around the vacuum cleaner.



### COLLECTION BIN

The material is collected inside a painted container equipped with a metal handle which enables the bin to be detached from the machine. Thanks to its 4 swiveling wheels, the bin can be easily moved and emptied. Each wheel is reinforced to guarantee maximum stability during handling.

## DATI TECNICI

### MOTORE

Tipologia	by-pass
Voltaggio	24V
Massimo vuoto	240mBar
Massima portata d'aria	350m3/h
Livello di rumorosità	72dB(A)
Motori	3
Potenza	2HP
Batterie consigliate	2
Ampere	> 85
Dimensioni cassetto	604 x 356H245

### FILTRO PRIMARIO

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

### MACCHINA

Bocca aspirante	80Ø mm
Dimensioni	660 x 1.200mm
Altezza	1.400mm
Peso	100*Kg
Ciclone conico	incluso
Efficienza filtrazione	≥ 1ron

**OPZIONI**

**MEDIA FILTRANTE DISPONIBILE**


**ANT M**  
Filtro antistatico (Classe M EN 60335-2-69)



**MTF**  
Filtro teflonato (Classe M EN 60335-2-69)



**NOMEX**  
Filtro resistente 250° Celsius



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



**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**
**ALTRE OPZIONI**


**100 LT**  
Contentore 100 lt.



**BX**  
Contentore in acciaio INOX AISI 304



**GX**  
Camera e contenitore acciaio INOX AISI 304



**GRD**  
Messa a terra

**ACCESSORI**


**P00278**  
**TERMINALE IN ACCIAIO Ø 80/50MM**  
Riduzione per innesto rapido aspiratore in acciaio zincato diametro 80/50 mm



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