

TECHNICAL DATA SHEET

BATTERY OPERATED INDUSTRIAL VACUUM FOX 24

SINGLE-PHASE WET&DRY INDUSTRIAL VACUUM CLEANERS

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 cm² 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.



POWER
1,5 kW



SURFACE
24,000 cm²



CAPACITY
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.

TECHNICAL DATA
MOTOR

Type	by-pass
Voltage	24V
Maximum vacuum	240mBar
Maximum air flow	350m3/h
Noise level	72dB(A)
Engines	3
Power	2HP
Recommended batteries	2
Ampere	> 85
Drawer dimensions	604 x 356H245

PRIMARY FILTER

Type	star filter
Class EN 60335-2-69	M Class
Media	polyester
Filter cleaning	manual shaker

MACHINE

Suction inlet	80Ø mm
Dimensions	660 x 1,200mm
Height	1,400mm
Weight	100*Kg
Conical cyclone	incluso
Filtration efficiency	≥ 1ron

OPTIONS

AVAILABLE FILTER MEDIA



ANT M
Antistatic filter (M class EN 60335-2-69)



MTF
Teflon filter (M class EN 60335-2-69)



NOMEX
250° Celsius resistant filter



PTFE
PTFE Filter (M class EN 60335-2-69)



PTFE ANT
Antistatic PTFE filter (M class EN 60335-2-69)



HEPA 14
Absolute filter (EN 1822)
28,000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

OPTIONS

STRUCTURE AND OPTIONS



100 LT
100 Lt bin



BX
Stainless steel bin AISI 304



BX
Stainless steel bin and chamber AISI 304



GRD
Grounding

ACCESSORIES



P00278
IRON REDUCER Ø 80/50MM
Reducer for vacuum quick fitting in galvanised steel 80/50 mm diameter



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