

TECHNICAL DATA SHEET

FOX 5.5 P INDUSTRIAL VACUUM

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

The **FOX 5.5 P** is a **powerful** and **reliable industrial vacuum**. Fitted with a **3-kW side channel turbine**, ideal for working continuously without the need for maintenance. The **filter chamber** contains a large surface (24,000 cm²) polyester filter, certified as **M Class** (1-micron filtration efficiency), ideal for working with even the **finest dust**. The filter is protected by a **sturdy metal cyclone** welded inside the **filter chamber**. On this **industrial vacuum** from **Depureco's three-phase range**, a different filter can be installed on this vacuum depending on the professional application. **Teflon** water-repellent filters, **Nomex** 250°C resistant filters, and filters with **PTFE** treatment for more binding and **difficult dust** are also available. The unit can be fitted with an **H14 absolute filter** on demand. The **FOX industrial vacuum** is equipped with a large 100 Lt detachable container on wheels that allows the operator to collect and empty the **vacuumed material** easily. Disposable collection bags can also be used. A floating system can be provided in the container to **vacuum liquids** in complete **safety**.



POWER
4 kW



SURFACE
24,000 cm²



CAPACITY
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.


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 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	side channel blower
Voltage	400V
IP	55
Continuous vacuum	160mBar
Maximum air flow	520m ³ /h
Safety valve	included
Noise level	76dB(A)
Frequency	50/60Hz
Power	5,5HP
Insulation class	F

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	1,510mm
Weight	155Kg
Conical cyclone	incluso

OPTIONS

AVAILABLE FILTER MEDIA



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



BFL
M class filter 38.000 cm²



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

AVAILABLE FILTER CLEANING SYSTEMS



COM
Compressor on board
Compressor fitted on the back cover



PSC
Semiautomatic pneumatic filter shaker



SE
Semiautomatic electrical filter shaker



SP
Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 3 Polyester filter cartridges, 9 m² filter surface

OPTIONS

STRUCTURE AND OPTIONS



BX
Stainless steel bin AISI 304



GX
Stainless steel bin and chamber AISI 304



FKL
Forklift bracket



FLT
Floater device



GFR
Lifting eyebolts



GRD
Grounding



KDP
Differential pressure KIT for bag



LP
Longopac bagging system

ACCESSORIES



P11887

WET & DRY KIT Ø 50MM

Kit containing specific accessories for 50 mm diameter solids and liquids vacuuming



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