

## TECHNICAL DATA SHEET

# FOX 5.5 S INDUSTRIAL VACUUM

## HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

The **FOX 5.5 S** 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 cm<sup>2</sup>) 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 cm<sup>2</sup>**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**

<b>MOTOR</b>		<b>PRIMARY FILTER</b>		<b>MACHINE</b>	
Type	side channel blower	Type	star filter	Suction inlet	80Ø mm
Voltage	400V	Class EN 60335-2-69	M Class	Dimensions	660 x 1,200mm
IP	55	Media	polyester	Height	1,510mm
Continuous vacuum	360mBar	Filter cleaning	manual shaker	Weight	155Kg
Maximum air flow	320m3/h			Conical cyclone	incluso
Safety valve	included				
Noise level	76dB(A)				
Frequency	50/60Hz				
Power	5,5HP				
Insulation class	F				

OPTIONS

AVAILABLE FILTER MEDIA



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



**BFL**  
M class filter 38.000 cm<sup>2</sup>



**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 cm<sup>2</sup> 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 m<sup>2</sup> 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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