HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

FOX 5,5 S SP

INDUSTRIAL VACUUM CLEANER WITH AUTOMATIC FILTER CLEANING

POWER
4 kW - 5,5 HP

APPLICATION
Fine, dry and clogging powders

CAPACITY
100 Lt

FEATURES

- Industrial steel vacuum cleaner, powerful and reliable
- Built-in cyclonic effect and automatic filter system
- Suitable for continuous work, 24 hours a day, 7 days a week
- Multiple construction options available

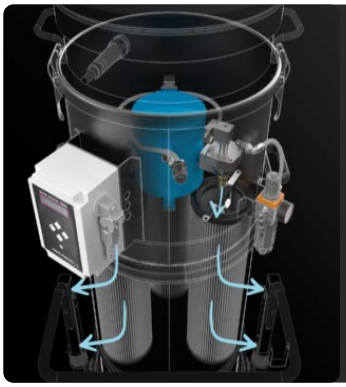
HIGHLIGHTS

SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free work. A metal silencer is included as standard in the turbine to ensure a low noise level.

FILTER UNIT

Filtration is ensured by polyester cartridge filters in class M (filtration efficiency 1 micron) with high filtering surface area, which guarantees the passage of air even with dirty filter.



SP FILTER CLEANING SYSTEM

Automatic filter cleaning system in reverse flow of air at 6 bar (compressed air not supplied as standard). Each filter is cleaned at regular, adjustable intervals alternately without interrupting suction. Ideal for fine and difficult dust.

COLLECTION UNIT

The material is collected inside a coated bin complete with a handle that allows it to be released. Thanks to the 4 sturdy pivoting wheels, the container can be moved with ease, and the collected material can then be disposed of.

TECHNICAL DATA

MOTOR

Typologies	Side channel blower
Power	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	360 mBar
Maximum air flow	320 m3/h
Insulation class	55 | F IP
Noise level	76 dB(A)

MACHINE

Suction inlet	80 Ø mm
Collection system	Steel container
Capacity	100 Lt
Dimensions	660 X 1200 mm
Height	1860 mm
Weight	155 Kg
Safety valve	Pressure relief valve

FILTRATION

Primary filter type	3x Cartridges
Filter surface	90000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Automatic SP

FEATURES

VACUUM GAUGE
Vacuum gauge for indication of filter clogged or in need of replacement

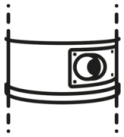
POWER SUPPLY CABLE

PLUG
4-pole industrial plug

WHEEL WITH BRAKE
Non-marking wheel with integrated brake

WHEELS
Non-marking pivoting wheels

STEEL CONSTRUCTION
Rugged industrial coated steel construction



CYCLONIC EFFECT
Tangential inlet and cyclone installed

PRV
Pressure relief valve installed

SP
Automatic reverse jet cleaning system

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS

COM
Compressor on board
Compressor fitted on the back cover

AVAILABLE FILTER MEDIA

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

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

NOMEX
250° Celsius resistant filter

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

BFL
M class filter 38.000 cm ²

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

HEPA 14
Absolute filter (EN 1822)
22.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

STRUCTURE AND OPTIONS

60HZ
Available in 60Hz version

3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

THIRD PARTY ATEX CERTIFICATION

RC
Remote control 24V ON/OFF

KDP
Differential pressure KIT for bag

GRD
Grounding

GFR
Lifting eyebolts

FLT
Floater device

FKL
Forklift bracket

BX
Stainless steel bin AISI 304

GX
Stainless steel bin and chamber AISI 304

TX
Stainless steel bin, chamber and frame AISI 304

CONTAINER TILTABLE KIT
System for easy container emptying using forklift lifting.

ACCESSORIES

P13638

STARTER KIT Ø 40MM

Basic kit containing specific accessories for 40 mm diameter solids and liquids vacuuming

P12350

STARTER KIT Ø 50MM

A compact, essential solution for quick vacuuming on simple surfaces. - 3-meter Evaflex hose - 2 antistatic rubber sleeves - Flat nozzle

P13639

WET & DRY KIT Ø 40MM

Versatile kit designed to easily switch between vacuuming dust and liquid debris. - 3-meter Evaflex hose - 1x 50/40 antistatic rubber ho ...

P11887

WET & DRY KIT Ø 50MM

Robust system for suctioning large quantities of liquids and solid debris. - 3-meter Evaflex hose - 2x antistatic rubber sleeves - Flat ...

P12348

DRY KIT Ø 50MM

Kit for cleaning large areas of dry dust that require high suction power. - 3-meter Evaflex hose - 2x antistatic rubber sleeves - Flat ...

P13640

DRY KIT Ø 40MM

Optimized configuration for thorough cleaning of floors and surfaces from dry dust. - 3-meter Evaflex hose - 1x 50/40 antistatic rubber ...

P01033

TILTING KIT FOR DUST BIN – BRACKET Ø 450MM

Lifting bracket with forklift for 450 mm diameter container fitted with lifting ring. This way the vacuum's container can be lifted and tilt ...

P11287

TILITING KIT FOR DUST AGAIN – COMPLETE RING Ø 450MM

Support ring for lifting a 450 mm diameter container. Essential if used with the lifting bracket. Thanks to these two devices, the container ...