HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

FOX 7,5 S

POWERFUL INDUSTRIAL VACUUM CLEANER

POWER
5,5 kW - 7,5 HP

APPLICATION
Powders, solids and shavings

CAPACITY
100 Lt

FEATURES

- Powerful and reliable industrial steel vacuum cleaner
- Cyclonic effect and high surface area M-class filter
- 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 CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.

FILTER UNIT

The tangential inlet facilitates the cyclonic effect to deposit the collected material in the container. Filtration is ensured by a polyester star filter in class M (filtering efficiency 1 micron) with high filtering surface area, which guarantees air passage even with a dirty filter.

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	5,5 kW - 7,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	440 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	1510 mm
Weight	175 Kg
Safety valve	Pressure relief valve

FILTRATION

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	M
Media	Polyester
Filter Cleaning System	Manual

FEATURES

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

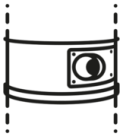
POWER SUPPLY CABLE

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

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS

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

PSC
Semiautomatic pneumatic filter shaker

SE
Semiautomatic electrical filter shaker

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

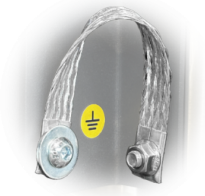
60HZ
Available in 60Hz version

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 ...