CENTRAL VACUUM SYSTEMS

PUMA FIX 18 S

STATIONARY INDUSTRIAL VACUUM CLEANER FOR CENTRALIZED VACUUM SYSTEMS

Watch the video!

POWER
12,5 kW - 18 HP

APPLICATION
Powders, solids and shavings

CAPACITY
175 Lt

FEATURES

- Powerful side-channel blowers suitable for continuous operation
- Ideal for installation in centralized systems
- Easy to move with a forklift truck
- Integrated cyclonic system to extend the useful life of the vacuum

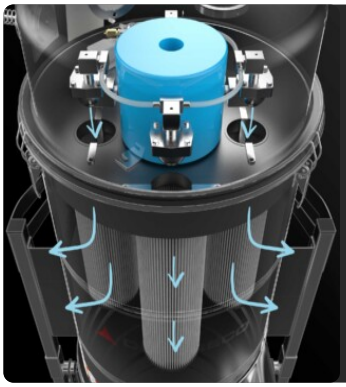
HIGHLIGHTS

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

The tangential inlet facilitates the deposition of the sucked material in the container due to the cyclonic effect. Filtration is ensured by a polyester cartridge filter in class M (filtration efficiency 1 micron) with a high filtering surface area, which guarantees the passage of air even with a 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, alternately adjustable intervals 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 bin can be moved with ease and the collected material can then be disposed of.

TECHNICAL DATA

MOTOR

Typologies	Side channel blower
Power	12,5 kW - 18 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	540 mBar
Maximum air flow	720 m3/h
Insulation class	55 | F IP
Noise level	74 dB(A)
Remote control	Free connector available
Electrical panel	Included

MACHINE

Suction inlet	100 Ø mm
Collection system	Steel container
Capacity	175 Lt
Dimensions	840 x 1700 mm
Height	1970 mm
Safety valve	Pressure relief valve
Forklift support	Included

FILTRATION

Primary filter type	4x Cartridges
Filter surface	120000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Automatic SP

FEATURES

ELECTRICAL PANEL
Electrical panel, implementable with additional functions

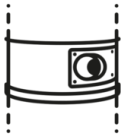
PLUG
4-pole industrial plug

SP
Automatic reverse jet cleaning system

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

POWER SUPPLY CABLE

STEEL CONSTRUCTION
Rugged industrial coated steel construction



CYCLONIC EFFECT
Tangential inlet and cyclone installed

OPTIONS

AVAILABLE FILTER MEDIA

HEPA 14
Absolute filter (EN 1822)
110.000 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

BX
Stainless steel bin AISI 304

GX
Stainless steel bin and chamber AISI 304