

CENTRAL VACUUM SYSTEMS

# PUMA FIX 20

## STATIONARY INDUSTRIAL VACUUM CLEANER FOR CENTRALIZED VACUUM SYSTEMS



Watch the video!



**POWER**  
15 kW - 20 HP



**APPLICATION**  
Powders, solids and  
shavings



**CAPACITY**  
175Lt

## FEATURES

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

## HIGHLIGHTS



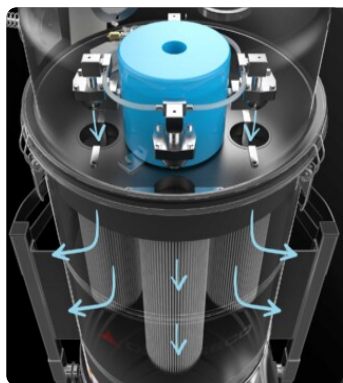
### SUCTION UNIT

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	15 kW - 20 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	350 mBar
Maximum air flow	950 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 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber

## STRUCTURE AND OPTIONS

**60<sup>✓</sup>Hz**

**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