

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

PUMA 35 S

HIGH PERFORMANCE INDUSTRIAL VACUUM



POWER
25 kW - 34 HP



APPLICATION
Powders, solids and shavings



CAPACITY
175Lt

FEATURES

- Maximum performance even in continuous use
- Multiple construction options available
- Ability to vacuum dust and solids in heavy-duty applications
- Can be integrated on centralized suction systems

HIGHLIGHTS



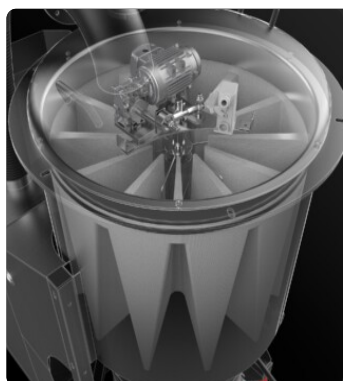
SUCTION UNIT

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 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.



SE

System with an automatic electric filter shaker for effective cleaning of the main filter, ensuring the vacuum's performance efficiency.



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	25 kW - 34 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	445 mBar
Maximum air flow	1130 m3/h
Insulation class	55 F IP
Noise level	78 dB(A)
Remote control	Free connector available

MACHINE

Suction inlet	130 Ø mm
Collection system	Steel container
Capacity	175 Lt
Dimensions	1050 x 1950 mm
Height	2300 mm
Weight	650 Kg
Safety valve	Pressure relief valve
Forklift support	Included

FILTRATION

Primary filter type	Star
Filter surface	110000 cm2
EN 60335-2-69 filtration class	M
Media	Polyester
Filter Cleaning System	SE Electric filter shaker

FEATURES



ELECTRICAL PANEL

Electrical panel, implementable with additional functions



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



SE

Semiautomatic electrical filter shaker

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



SP
Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 4
Polyester filter cartridges, 18 m² filter surface



PSC
Semiautomatic pneumatic filter shaker



COM
Compressor on board
Compressor fitted on the back cover

AVAILABLE FILTER MEDIA



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



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



NOMEX
250° Celsius resistant filter



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



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



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

STRUCTURE AND OPTIONS

60^{Hz}

60HZ
Available in 60Hz version



3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum



ATEX CERTIFICATION



FLAMELESS VENT
A valve that contains the flame and the overpressure generated by a possible explosion.



PANEL VENT FOR DIRECTIONAL EXPLOSION
An explosion vent designed to break at a specific pressure and release the explosive pressure in a safe area.
Panel vent for explosion



GX
Stainless steel bin and chamber AISI 304



BX
Stainless steel bin AISI 304

ACCESSORIES



P12348
DRY KIT Ø 70MM
Kit containing specific accessories for 70 mm diameter dust and solids vacuuming