

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
175 Lt

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



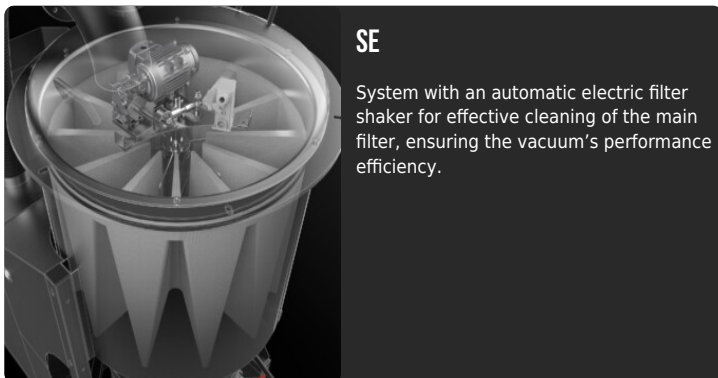
SUCTION UNIT

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.



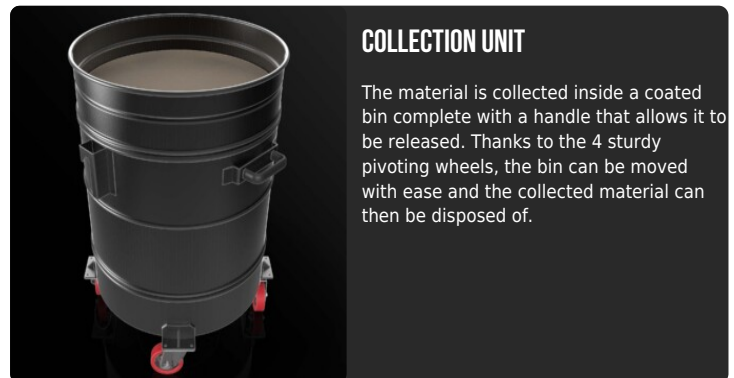
FILTER UNIT

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

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