

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

PUMA 15 S

HIGH POWER INDUSTRIAL VACUUM CLEANER



POWER
11 kW - 15 HP



APPLICATION
Powders, solids and shavings



CAPACITY
175 Lt

FEATURES

- High performance even in continuous use
- Multiple construction options available
- Ability to vacuum dust, solids and liquids
- 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.



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.



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 | 11 kW - 15 HP |
| Frequency | 50/60 Hz |
| Voltage | 400 V |
| Vacuum in continuous run | 440 mBar |
| Maximum air flow | 550 m3/h |
| Insulation class | 55 F IP |
| Noise level | 74 dB(A) |
| Remote control | Free connector available |

MACHINE

| | |
|-------------------|-----------------------|
| Suction inlet | 100 Ø mm |
| Collection system | Steel container |
| Capacity | 175 Lt |
| Dimensions | 850 x 1550 mm |
| Height | 1980 mm |
| Weight | 310 Kg |
| Safety valve | Pressure relief valve |
| Forklift support | Included |

FILTRATION

| | |
|--------------------------------|-----------|
| Primary filter type | Star |
| Filter surface | 45000 cm2 |
| EN 60335-2-69 filtration class | M |
| Media | Polyester |
| Filter Cleaning System | Manual |

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



SP
Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 4
Polyester filter cartridges, 12 m² filter surface



SE
Semiautomatic electrical filter shaker



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 ANT
Antistatic 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)



ANT M
Antistatic 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



CONTAINER TILT TABLE KIT
System for easy container emptying using forklift lifting.



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



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



GRD
Grounding



GFR
Lifting eyebolts



FKL
Forklift bracket



BX
Stainless steel bin AISI 304



GX
Stainless steel bin and chamber AISI 304

ACCESSORIES



P12348
DRY KIT Ø 70MM
Large-diameter configuration for removing bulky debris and heavy dust in industrial settings. - 5-meter reinforced polyurethane hose - 2 ...