

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

PUMA 15 P SP HIGH-POWER INDUSTRIAL VACUUM CLEANER WITH AUTOMATIC CLEANING





POWER 11 kW - 15 HP



APPLICATION
Fine, dry and clogging powders



CAPACITY 175 Lt



FEATURES

- High performance even in continuous use
- Multiple construction options available

- Possibility of vacuuming fine dust in large quantities
- Can be integrated into centralized vacuum 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

Filtration is ensured by polyester cartridge filters in class M (filtration efficiency 1 micron) with high filtering surface area, which guarantees the passage of air even with 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.



Included

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

MUTUK	
Typologies	Side channel blower
Power	11 kW - 15 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	300 mBar
Maximum air flow	950 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 330 Kg Safety valve Pressure relief valve

Forklift support

FILTRATION

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



FEATURES



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



ELECTRICAL PANEL

Electrical panel, implementable with additional functions



OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



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 Antistatlc 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 MAntistatic 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



ATEX CERTIFICATION



CONTAINER EMPTYING 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 $% \left(\frac{1}{2}\right) =\left(\frac{1}{2}\right) \left(\frac{1}{$ pressure in a safe area. Panel vent for explosion



FLAMELESS VENT

A valve that contains the flame and the overpressure generated by a possible



GRD

Grounding



GFR

Lifting eyebolts



FKL

Forklift bracket



BX

Stainless steel bin AISI 304



GX

Stainless steel bin and chamber AISI 304



OFF

RC

Remote control 24V ON/OFF

ACCESSORIES



P12348

DRY KIT Ø 70MM

Kit containing specific accessories for 70 \mbox{mm} diameter dust and solids vacuuming