

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

# PUMA 10

## HIGH POWER INDUSTRIAL VACUUM CLEANER



**POWER**  
7,5 kW - 10 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                    | 7,5 kW - 10 HP           |
| Frequency                | 50/60 Hz                 |
| Voltage                  | 400 V                    |
| Vacuum in continuous run | 260 mBar                 |
| Maximum air flow         | 730 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            | 295 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    |

## 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



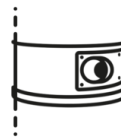
### WHEELS

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



#### SP

Automatic reverse jet cleaning system  
Antistatic M class filter (EN 60335-2-69), 4  
Polyester filter cartridges, 12 m<sup>2</sup> 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 cm<sup>2</sup> 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<sup>Hz</sup>**

**60HZ**  
Available in 60Hz version



**3 YEARS WARRANTY**  
Purchasing the replacement filter along with the vacuum



**ATEX CERTIFICATION**



**CONTAINER TILTABLE 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 ...