

HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

PUMA 20

HIGH POWER INDUSTRIAL VACUUM CLEANER



POTENZA
15 kW - 20 HP



APPLICAZIONE
Powders, solids and
shavings

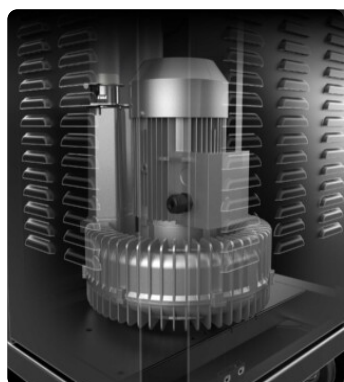


CAPACITA'
175Lt

VANTAGGI

- 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

MOTORE

Tipologie	Side channel blower
Potenza	15 kW - 20 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	350 mBar
Massima portata d'aria	950 m3/h
Classe di isolamento	55 F IP
Livello di rumorosità	74 dB(A)
Controllo Remoto	Free connector available

MACCHINA

Bocca aspirante	100 Ø mm
Sistema di raccolta	Steel container
Capacità	175 Lt
Dimensioni	850 x 1550 mm
Altezza	1980 mm
Peso	350 Kg
Valvola di sicurezza	Pressure relief valve
Supporto sollevamento muletto	Included

FILTRAZIONE

Tipologia filtro primario	Star
Superficie filtrante	45000 cm2
Classe filtrazione EN 60335-2-69	M
Media	Polyester
Sistema Pulizia filtro	Manual

DOTAZIONI



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 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 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 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
Kit containing specific accessories for 70 mm diameter dust and solids vacuuming