

# SINGLE-PHASE WET&DRY INDUSTRIAL VACUUM CLEANERS

# M 100 POWERFUL INDUSTRIAL VACUUM



Watch the video!





**POWER** 3,9 kW - 5,2 HP



APPLICATION
Powders, solids and shavings



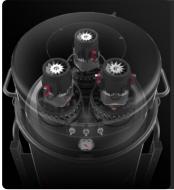
CAPACITY 100 Lt



# **FEATURES**

- Powerful and reliable steel industrial vacuum cleaner
- Specific filters for materials with different characteristics
- Ability to vacuum dust, solids and liquids
- Multiple construction options available

# HIGHLIGHTS



# **SUCTION UNIT**

Suction is provided by 3 by-pass motors operated by independent switches, allowing the operator to control suction performance. The motors are located inside a robust enclosure, with an insulating sponge to maintain a low noise level.



# **FILTER UNIT**

Filtration is provided by a polyester star filter in class M (filtration efficiency 1 micron) with a high filtering surface area, which guarantees the passage of air 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.

Weight



80 Kg

# **COLLECTION UNIT**

The material is collected inside a coated container complete with a handle that allows its release. Thanks to the 4 sturdy pivoting wheels, the container can be moved with ease, and the collected material can then be disposed of.

# **TECHNICAL DATA**

MOTOR	
Typologies	By-pass
Power	3,9 kW - 5,2 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	250 mBar
Maximum air flow	570 m3/h
Noise level	72 dB(A)

# MACHINE Suction inlet 70 Ø mm Collection system Steel container Capacity 100 Lt Dimensions 660 x 800 mm Height 1515 mm

# FILTRATION

Primary filter type	Star
Filter surface	24000 cm2
EN 60335-2-69 filtration class	М
Media	Polyester
Filter Cleaning System	Manual



# **FEATURES**



**VACUUM GAUGE** 

Vacuum gauge for indication of filter clogged or in need of replacement



DEFLECTOR

Internal deflector to protect the filter



POWER SUPPLY CABLE



SHUKO TYPE PLUG



**PUSH HANDLE** 



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction

# **OPTIONS**

# **AVAILABLE FILTER CLEANING SYSTEMS**



SP

Automatic reverse jet cleaning system Antistatic M class filter (EN 60335-2-69), 3 Polyester filter cartridges, 9 m $^2$  filter surface



CON

Compressor on board Compressor fitted on the back cover



# **AVAILABLE FILTER MEDIA**



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 M**Antistatic filter (M class EN 60335-2-69)



HEPA 14 Absolute filter (EN 1822) 28.000 cm² filter surface H14 Class Filter (EN 1822) Glass fiber



# STRUCTURE AND OPTIONS

60<sup>®</sup>HZ

60HZ

Available in 60Hz version



**3 YEARS WARRANTY** 

Purchasing the replacement filter along with



RC SCHUKO

Remote control by power tool (MAX 2000 W)



# CYCLONIC EFFECT

Tangential inlet and cyclone installed Tangential inlet + cyclone



LP

Endless Bag continuous roll collection system



KDP

Differential pressure KIT for bag



GRD

Grounding



FLT

Floater device



RX

Stainless steel bin AISI 304



GX

Stainless steel bin and chamber AISI 304



TX

Stainless steel bin, chamber and frame AISI



AB

Accessories basket



# **CONTAINER EMPTYING KIT**

System for easy container emptying using forklift lifting.



# **ACCESSORIES**



#### P13970

# ARTICULATED SUCTION ARM D70

Flexible PVC suction arm, retrofittable on existing models - 1.2 mt length - d70



#### P13640

#### DRY KIT Ø 40MM

 $Kit containing \, specific \, accessories \, for \, 40 \, mm \, diameter \, dust \, and \, solids \, vacuuming$ 



### P12348

## DRY KIT Ø 50MM

 $\label{eq:Kitcontaining} \textbf{Kit containing specific accessories for 50} \ mm \\ \textbf{diameter dust and solids vacuuming}$ 



#### P13638

# STARTER KIT Ø 40MM

Basic kit containing specific accessories for 40 mm diameter solids and liquids vacuuming



## P12350

#### STARTER KIT Ø 50MM

Basic kit containing specific accessories for 50 mm diameter solids and liquids vacuuming



#### P13639

#### WET & DRY KIT Ø 40MM

Kit containing specific accessories for 40 mm diameter solids and liquids vacuuming



## P11887

#### WET & DRY KIT Ø 50MM

Kit containing specific accessories for 50 mm diameter solids and liquids vacuuming