

## TECHNICAL SHEET

# INDUSTRIAL VACUUM M 65/100

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**SINGLEPHASE**

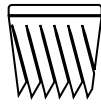
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The **M65/100** is the most **powerful single-phase industrial vacuum** in the **Depureco range**. Thanks to the **3 By-Pass motors** it can reach an impressive power output of **3.9 kW**. The M65/100 industrial vacuum works in all conditions: **dust, shavings, liquids, and difficult materials** using pipes that can be several meters long. This **vacuum cleaner** is fitted with a 24,000 cm<sup>2</sup> polyester pocket filter certified as **M Class by BIA** (Berufsgenossenschaftliches Institut für Arbeitssicherheit) with a **1µ filtration efficiency**. The filter can be customized to a specific application. **Anti-static filters** are available to prevent electrostatic charges, in **NOMEX** to withstand high temperatures (up to 250°C), **Teflon** coated to work with wet materials, and with **PTFE nanotechnology** treatment to work with the most **difficult dust**. The industrial vacuum is equipped with a **manual filter cleaning system**. The filter can be shaken easily and effectively with the lever on the side of the vacuum. The **M65/100 vacuum cleaner** is equipped with a handy detachable **container** on wheels allowing the operator to collect the vacuumed material and conveniently dispose of it. The container can have a capacity of either 65 lt or 100 lt; in both cases, it has reinforced outer support for the 4 castor wheels so that it can be **handled safely** even when it contains several kg of material. Tilttable kit for containers available on demand. If the direct bagging system is preferred, the **M100 Longopac** version is available.

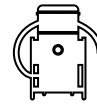




**POWER**  
3,9 kW



**SURFACE**  
24.000 cm<sup>2</sup>



**CAPACITY**  
65/100 Lt

## HIGHLIGHTS



### SUCTION UNIT

The vacuum is generated by 3 by-pass motors. Each motor is managed by an independent switch, permitting the operator to control the intake performance. The motors are located in a sturdy casing, with an insulating sponge to maintain a low noise level.



### COLLECTION BIN

The material is collected inside a painted container equipped with a metal handle which enables the bin to be detached from the machine. Thanks to its 4 swiveling wheels, the bin can be easily moved and emptied. Each wheel is reinforced to guarantee maximum stability during handling.



### FILTERING ELEMENT

The filtration is guaranteed by an M class polyester filter. The star shape enables air to flow through the filter even when it is dirty. The fabric of the filter is classified as M Class (BIA | EN 60335-2-69). This means that all particles till 1 micron are stopped by the filter so as to protect the motors and the operator around the vacuum cleaner.



### MANUAL FILTER SHAKER

On one side of the filter chamber there is an ergonomic manual shaker through which the operator can easily and quickly clean the filter, removing any dust and debris from its surface. Thanks to this smart cleaning system the operator can carry on working without needing to change or wash the filter.

**TECHNICAL DATA**

ENGINE		PRIMARY FILTER		MACHINE	
Suction type	by-pass	Type	star filter	Inlet	70 Ø mm
Voltage	230 V	Class EN 60335-2-69	M Class	Dimensions	660 x 800 mm
Maximum vacuum	250 mBar	Media	polyester	Height	1300/1515
Maximum air flow	570 m3/h	Filter cleaning	manual shaker	Weight	80 Kg
Noise level - (EN ISO 3744)	72 dB(A)				
Engine	3				
Frequency	50/60 Hz				
Power	5,2 HP				

**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<sup>2</sup> filter surface



**COM**  
Compressor on board Compressor fitted on the back cover

**OPTIONS**

AVAILABLE FILTER MEDIA



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



**BFL**  
M class filter 38.000 cm<sup>2</sup>



**MTF**  
Teflon filter (M class EN 60335-2-69)



**NOMEX**  
250° Celsius resistant filter



**PTFE**  
PTFE Filter (M class EN 60335-2-69)



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



**HEPA 14**  
Absolute filter (EN 1822) 28.000 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber

**OPTIONS**

**STRUCTURE AND OPTIONS**



**100 LT**  
100 Lt bin



**AB**  
Accessories basket



**BX**  
Stainless steel bin AISI 304



**GX**  
Stainless steel bin and chamber AISI 304



**TX**  
Stainless steel bin, chamber and frame AISI 304



**FLT**  
Floater device



**GRD**  
Grounding



**KDP**  
Differential pressure KIT for bag



**TAN**  
Tangential inlet + cyclone



**RC SCHUKO**  
Remote control by power tool (MAX 2000 W)

**ACCESSORY**



**P10866**  
Iron reducer  $\varnothing$  70/50mm  
Reducer for vacuum quick fitting in galvanised steel 70/50 mm diameter



**P12350**  
Starter kit  $\varnothing$  50mm  
Basic kit containing specific accessories for 50 mm diameter solids and liquids vacuuming



**P11887**  
Wet & Dry Kit  $\varnothing$  50mm  
Kit containing specific accessories for 50 mm diameter solids and liquids vacuuming



**P00327**  
Wet & Dry fixed brush  $\varnothing$  50mm  
Wet & dry fixed accessory with 50 mm diameter flexible hose fitting