

## SCHEDA TECNICA

# AC 100 Z22 I13GD INDUSTRIAL VACUUM

## ASPIRATORI INDUSTRIALI ATEX ED ACD

The AC 100 Z22 is the **most powerful ATEX industrial vacuum cleaner**, with **compressed air** in the **Depureco range**. Thanks to the **high-performance venturi tube** it is possible to reach **impressive depressions**. The AC 100 Z22 works in all conditions: **powders, shavings, liquids, and difficult materials** with pipes up to several meters long. Inside the **vacuum cleaner**, there is a large surface filter in **antistatic polyester** (24,000 cm<sup>2</sup>), **M class certified** with a **filtration efficiency** of 1 micron, to vacuum **electrostatically charged dust** in total safety. The **industrial vacuum** is equipped with a **manual filter cleaning system**, which, thanks to a practical lever on the vacuum head, allows you to **shake the filter easily and effectively**. A practical release container on wheels allows you to **collect the vacuumed material** and dispose of it with ease. The **container** can be of 65 liters or 100 liters in **AISI 304 steel**, equipped with 4 sturdy pivoting wheels that give the possibility to maneuver the **container** easily, even when fully loaded.



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



**CAPACITÀ**  
100 Lt

## HIGHLIGHTS



### SUCTION UNIT

The vacuum cleaner is equipped with a Venturi pipe. This generates a remarkable vacuum without any mechanical or electrical components.



### FILTERING ELEMENT

The main filter is made of sturdy antistatic polyester. Inside the fabric, there is a conductive net which avoids any electrostatic charge. The star shape ensures a large filter surface in a compact space and the passage of the air also when the filter is dirty. The fabric of the filter is M class (BIA | EN 60335-2 -69) certified. It means that all particles until 1 micron are stopped by the filter, so as to protect the suction unit and the operator around the vacuum cleaner.



### INLET

The tangential inlet is designed to ease the process of pushing the material down the bin. A sturdy metal cyclone welded inside the chamber slows the material's entry speed considerably down so that it falls directly inside the bin. This way, the filter is efficiently protected, minimising clogging risk.



### COLLECTION BIN

The vacuumed material is collected in an AISI 304 stainless steel container, equipped with a metal handle that enables the bin to be detached from the machine, to avoid any spark that could be generated by the electrostatic charge. Thanks to the 4 sturdy pivoting wheels, the bin can be moved very easily to then dispose of the collected material. Each wheel is reinforced to guarantee maximum stability during handling.

## DATI TECNICI

### MOTORE

Tipologia	Venturi pipe
Marcatura ATEX	II 3 G/D Ex htc IIIB T100°C Gc/Dc
Massimo vuoto	500mBar
Massima portata d'aria	480m3/h
Livello di rumorosità	70dB(A)
Pressione richiesta	6/8
Aria richiesta	1.233 Lt/min

### FILTRO PRIMARIO

Tipologia	star filter
Classe EN 60335-2-69	M Class
Media	antistatic polyester
Pulizia filtro	manual shaker

### MACCHINA

Bocca aspirante	80Ø mm
Dimensioni	660 x 800mm
Altezza	1.200mm
Peso	64Kg

**OPZIONI**

**MEDIA FILTRANTE DISPONIBILE**

**PTFE ANT**

Filtro PTFE antistatico (Classe M EN 60335-2-69)


**HEPA 14**

 Filtro assoluto (EN 1822)  
 22.000 cm<sup>2</sup> superficie filtrante  
 Classe H14 (EN 1822)  
 Fibra di vetro

**OPZIONI**
**ALTRE OPZIONI**

**100 LT**

Contenitore 100 lt.


**BX**

Contenitore in acciaio INOX AISI 304


**GX**

Camera e contenitore acciaio INOX AISI 304

**ACCESSORI**

**P12378**
**STARTER KIT ANTISTATICO Ø 50MM**

Kit base di accessori antistatici per applicazione con aspiratore ATEX in diametro 50 mm


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