

## SCHEDA TECNICA

# INTRINSICALLY SAFE VACUUM AC 100 Z21 II1/2D

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**ASPIRATORI INDUSTRIALI CERTIFICATI ATEX**

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The AC 100 Z21 is the **most powerful ATEX intrinsically safe 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 Z21 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**. The vacuum is equipped with a **manual filter cleaning system**, which, thanks to a practical lever on the industrial 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 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. Both the filter chamber and the **container** are in **AISI 304 stainless steel**.

**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 blower and the operator around the vacuum cleaner.



### INLET

The suction inlet is specially designed to direct the collected material straight into the collection bin. The intake is tangential and welded to the chamber there is a sturdy metal cyclon. The friction with it reduces the speed of the material that falls down easily into the collection bin. This system increases the life of filter and it minimizes the risk of filter clogging.



### 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	II1/2D c T100°C
Massimo vuoto	500mBar
Massima portata d'aria	480m3/h
Livello di rumorosità	70dB(A)
Pressione richiesta	6 - 8
Aria richiesta	1.233

### FILTRO PRIMARIO

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

### MACCHINA

Bocca aspirante	50 - 70Ø mm
Dimensioni	660 x 800mm
Altezza	1.200mm
Peso	64Kg
Ciclone conico	Incluso

**OPZIONI**

**MEDIA FILTRANTE DISPONIBILE**

**HEPA 14**

Filtro assoluto (EN 1822-5)


**HEPA 14**

 Filtro assoluto (EN 1822)  
 28.000 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**

**P11857**
**KIT PULIZIA FORNI Ø 40MM**

Kit accessori per aspirazione forni con prolunga di 3 metri anti scottatura e tubo metallico flessibile.


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