

## TECHNICAL SHEET

# INDUSTRIAL VACUUM AC Z20/21 II1/2D

## ATEX Z20/21

The AC 65 Z20/Z21 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 65 Z20/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 aspirator 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**.

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

65 Lt

## HIGHLIGHTS



### SUCTION UNIT

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



### 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.



### 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.



### 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.

## TECHNICAL DATA

ENGINE		PRIMARY FILTER		MACHINE	
Suction type	Venturi pipe	Type	star filter	Inlet	50 - 70 Ø mm
ATEX Marking	II1/2D c T100°C	Class EN 60335-2-69	M Class	Dimensions	660 x 800 mm
Maximum vacuum	500 mBar	Media	antistatic polyester	Height	1200
Maximum air flow	480 m3/h	Filter cleaning	manual shaker	Weight	64 Kg
Noise level - (EN ISO 3744)	70 dB(A)			Conic cyclone	incluso
Pressure required	6 - 8				

## OPTIONS

### AVAILABLE FILTER MEDIA



#### 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



**BX**  
Stainless steel bin AISI 304



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

## ACCESSORY



**P00278**  
Iron reducer Ø 80/50mm  
Reducer for vacuum quick fitting in galvanised steel 80/50 mm diameter



**P12377**  
ATEX kit PRO Ø 50mm  
Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



**P11857**  
Oven cleaning kit Ø 40mm  
Oven cleaning accessories kit with 3-metre burn-proof extension lead and flexible metal hose.