

## SCHEDA TECNICA

# BL AM INDUSTRIAL VACUUM CLEANER FOR METALLIC DUST

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The BL AM Z22 is an industrial, IIIC-certified vacuum cleaner designed for the extraction of conductive metal dust. BL AM Z22 is a vacuum cleaner equipped with a powerful single-phase Brushless motor, which ensures high performance and maximum safety even in hazardous areas.

For material collection, the vacuum cleaner is equipped with a sophisticated explosion-proof system for suction of conductive metal powders, which are directly immersed in a bath of inert liquid in the container. The motor is protected by a class H13 large-surface antistatic conical filter. The vacuum cleaner provides additional levels of filtration inside the container to ensure the highest standards of safety even in suction of potentially explosive dust: in fact, inside the inerting container there is a metal grid filter to trap any sparks and a nylon filter, capable of separating the sucked metal powder from the inert liquid, to be then recovered and reused. A convenient patented quick-connect system allows the container to be unhooked and reconnected in one easy motion and without the use of tools. An overpressure valve allows gas to escape in cases of reaction of the powder with the liquid used.

Discharge of the liquid used is by gravity via a convenient tap located at the bottom of the container. The container is made of AISI 304 stainless steel and has a convenient inspection window on the front to check the level of the liquid inside.

Thanks to the BL AM sucking up metal conductive dust to neutralize it has never been easier and safer!



**POTENZA**  
1,1kW



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



**CAPACITÀ**  
45 Lt

## HIGHLIGHTS

### SUCTION UNIT



The vacuum unit is a powerful Brushless motor, suitable for continuous work. Two filters are installed on the vacuum cleaner head: one to protect the motor and the other placed on the air outlet. The air that comes out is totally carbon-free.

### INSERTING CONTAINER



IIIC-certified container with conductive metal powder inserting oil bath system. Different levels of filtration to ensure maximum safety in all areas of use.

### FILTER UNIT



Filtration is provided by a robust polyester cartridge filter. The cartridge is made to maintain a large filter surface area in a compact space. This allows air to pass through even when the filter is dirty. The filter is certified class H (BIA | EN 60335-2-69) preserving the motors and the operator.

### OVERPRESSURE VALVE



Safety overpressure valve installed on the vacuum chamber

## DATI TECNICI

### MOTORE

Tipologia	Brushless Motor
Marcatura ATEX	II 3D Ex htc IIIC T140°C Dc
Voltaggio	230V
IP	65
Vuoto in continuo	230mBar
Massima portata d'aria	220m3/h
Livello di rumorosità	72dB(A)
Frequenza	50Hz
Potenza	1,5HP
Classe di isolamento	65   F

### FILTO PRIMARIO

Tipologia	Cartridge
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### MACCHINA

Dimensioni	550 x 620mm
Altezza	1.400mm
Peso	50Kg
Capacità solidi	45
Valvola di scarico dell'idrogeno	Included

**ACCESSORI****P12377****ATEX KIT PRO Ø 50MM**

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

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