

SCHEDA TECNICA

INDUSTRIAL VACUUM CLEANER FOR METALLIC DUST BL AM

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 poor 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!











HIGHLIGHTS



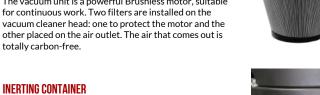
SUCTION UNIT

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.

IIIC-certified container with conductive metal powder

inerting 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

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Safety overpressure valve installed on the vacuum chamber

DATI TECNICI

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

FILTRO PRIMARIO	
Tipologia	Cartridge

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



P12377
ATEX KIT PRO Ø 50MM

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



P12377 ATEX KIT PR0 Ø 50MM Kit completo di accessori antistatici per applicazione con aspiratore ATEX in diametro 50 mm



P12377

ATEX KIT PRO Ø 50MM

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