

SCHEDA TECNICA

ECOBULL M Z2-Z22 ADDITIVE MANUFACTURING INDUSTRIAL VACUUM

ASPIRATORI INDUSTRIALI ATEX ED ACD

The **ECOBULL M Z2-Z22 Additive Manufacturing**, from the **Depureco** line, is an **industrial vacuum cleaner**, IIC certified, designed for the **suction of conductive metal powders** in the **additive 3D printing industry**. The **ECOBULL M Z2-Z22 Additive Manufacturing**, powered by a **powerful ATEX-certified side channel turbine**, is equipped with a sophisticated **explosion-proof system** for the **suction of conductive metal powders**, which is obtained by **immersing the suction nozzle** directly in a **bath of inert liquid** present in the **container**. The motor is protected by a large surface (35,000 cm²) **class H13 antistatic conical filter**. **Filtration** also takes place through a **metal grid filter** and a **nylon filter**, capable of **separating the metal particles from the inert liquid**, to then be recovered and reused. The liquid is **discharged** by gravity through a practical **tap** placed at the bottom of the **container**. The **100 Lt 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**.



POTENZA
1,8 kW



SUPERFICIE
35.000 cm²



CAPACITÀ
65/100 Lt

HIGHLIGHTS

SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee continued work in complete safety, without any maintenance. The blower is also equipped with a metal silencer to maintain a low noise level.


FILTERING ELEMENT

The filtration is guaranteed by a sturdy polyester filtering cartridge. The cartridge is made to ensure large filter surface in a compact space. This way air can pass through when the filter is dirty too. The filter is H Class (BIA | EN 60335-2-69) certified, preserving the motors and the operator.


INERTING CONTAINER

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

DATI TECNICI
MOTORE

Tipologia	side channel blower
Marcatura ATEX	II 3 G/D Ex htc IIIC T140°C Gc/Dc
Voltaggio	230V
IP	55
Vuoto in continuo	180mBar
Massima portata d'aria	240m3/h
Valvola di sicurezza	included
Livello di rumorosità	72dB(A)
Frequenza	50/60Hz
Potenza	2,4HP
Classe di isolamento	F

FILTRO PRIMARIO

Tipologia	cartridge
Classe EN 60335-2-69	H Class
Media	antistatic polyester

MACCHINA

Bocca aspirante	50Ø mm
Dimensioni	660 X 800mm
Altezza	1.630mm
Peso	95Kg

OPZIONI



MEDIA FILTRANTE DISPONIBILE



HEPA 14
Filtro assoluto (EN 1822-5)



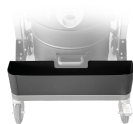
PTFE ANT
Filtro PTFE antistatico (Classe M EN 60335-2-69)

OPZIONI

ALTRE OPZIONI



100 LT
Contentore 100 lt.



AB
Cassetta porta accessori



BX
Contentore in acciaio INOX AISI 304



GX
Camera e contenitore acciaio INOX AISI 304



TX
Contentore camera e struttura in acciaio INOX AISI 304



EFFETTO CICLONICO
Bocca aspirante tangenziale + ciclone

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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