

SCHEDA TECNICA

ECOBULL PLUS Z2-Z22 ADDITIVE MANUFACTURING INDUSTRIAL VACUUM

ASPIRATORI INDUSTRIALI ATEX ED ACD

The **ECOBULL PLUS 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 PLUS 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
4 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	400V
IP	65
Vuoto in continuo	210mBar
Massima portata d'aria	350m3/h
Valvola di sicurezza	included
Livello di rumorosità	72dB(A)
Frequenza	50/60Hz
Potenza	5,5HP
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	120Kg

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

Contenitore 100 lt.


AB

Cassetta porta accessori


BX

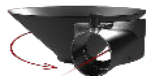
Contenitore in acciaio INOX AISI 304


GX

Camera e contenitore acciaio INOX AISI 304


TX

Contenitore camera e struttura in acciaio INOX AISI 304


EFFETTO CICLONICO

Bocca aspirante tangenziale + ciclone

ACCESSORI

P12378
ATEX STARTER KIT Ø 50MM

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


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