

ATEX AND ACD VACUUM CLEANERS

TB AM 3D Z22

INDUSTRIAL VACUUM CLEANER FOR METAL DUST



POTENZA
1,8 kW - 2,4 HP



APPLICAZIONE
Combustible dusts



TIPO DI RACCOLTA
Container with inertizing bath

VANTAGGI

- Atex certified for use in Atex zone 22
- Container with inerting liquid bath that prevents the formation of explosive atmospheres inside the vacuum cleaner
- Ideal for safe suction of conductive metal dusts
- Safety valve included

HIGHLIGHTS



SUCTION UNIT

The suction unit is a manufacturer-certified Atex side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve that ensures continuous work, without any maintenance.



FILTER UNIT

Filtration is ensured by a Class M polyester cartridge filter (filtration efficiency 1 micron) with a high filtering surface area, which guarantees air passage even with a dirty filter.



INERTING LIQUID BATH

Container with conductive dust immersion system. Prevents the formation of explosive atmospheres inside the vacuum cleaner by neutralizing incoming dust.



SAFETY VALVE

Safety valve that in case of reactions between powders and liquids inside the container lets out the released gases preventing explosions.

TECHNICAL DATA

MOTORE

Tipologie	Side channel blower
Potenza	1,8 kW - 2,4 HP
Frequenza	50/60 Hz
Voltaggio	400 V
Vuoto in continuo	180 mBar
Massima portata d'aria	240 m3/h
Classe di isolamento	55 F IP
Livello di rumorosità	72 dB(A)

MACCHINA

Marcatura ATEX	II 3D Ex htc IIIC T140°C Dc
Categoria EX	3D
Temperatura di utilizzo	-10/+40 C°
Bocca aspirante	50 Ø mm
Sistema di raccolta	Container with inerting liquid
Capacità	45 Lt
Sistema di scarico liquidi	Discharge valve
Dimensioni	550 x 620 mm
Altezza	1400 mm
Peso	50 Kg
Separazione solido	Basket grid
Separazione liquidi	PPL bag 150µm
Valvola di sicurezza	2x Hydrogen Vent

FILTRAZIONE

Tipologia filtro primario	Cartridge
Superficie filtrante	35000 cm2
Classe filtrazione EN 60335-2-69	H13
Media	Antistatic polyester

DOTAZIONI



ATEX CERTIFICATION



HYDROGEN VENT

Safety valve to let out any gases formed inside the aspirator



PUSH HANDLE



PLUG

3-pin industrial plug



POWER SUPPLY CABLE



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



BX

Stainless steel bin AISI 304



ANTISTATIC FILTRATION

Antistatic filtration to discharge static energy



VACUUM GAUGE

Vacuum gauge for indication of filter clogged or in need of replacement



GRD

Grounding



HEPA 13

Absolute filter (EN 1822)

OPTIONS

STRUCTURE AND OPTIONS

60^{Hz}

60HZ

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum

ACCESSORIES



P12377

ANTISTATIC KIT PRO Ø 50MM

Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



P12378

ANTISTATIC STARTER KIT Ø 50MM

Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner