

ATEX AND ACD VACUUM CLEANERS

TB 18 M 3GD Z2-22

ATEX INDUSTRIAL VACUUM CLEANER



Watch the video!



POWER
1,8 kW - 2,4 HP



APPLICATION
Powders, solids and
shavings

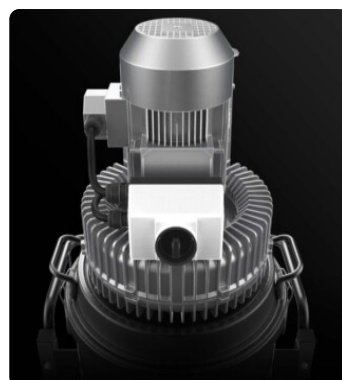


CAPACITY
45Lt

FEATURES

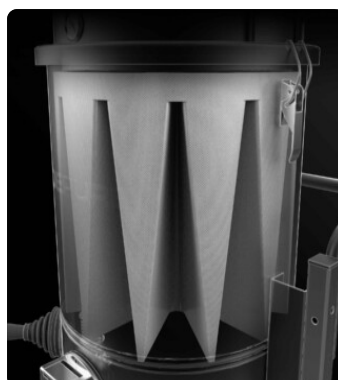
- Suitable and safe for intensive work in Atex zones 2 or 22
- Compact, sturdy and easy to handle
- Atex-certified side channel blower
- High-efficiency antistatic filtration with built-in semi-automatic cleaning system

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 provided by a polyester star filter in class M (filtration efficiency 1 micron) with a high filtering surface area, which guarantees the passage of air even with a dirty filter.



FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



COLLECTION UNIT

The material is collected inside an AISI 304 stainless steel container, complete with a metal handle that allows its release, to avoid any sparks that could be generated by the electrostatic charge.

TECHNICAL DATA

MOTOR

Typologies	Atex side channel blower
Power	1,8 kW - 2,4 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	180 mBar
Maximum air flow	240 m3/h
Insulation class	55 IP
Noise level	72 dB(A)

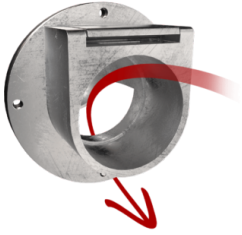
MACHINE

Atex marking	II 3 GD Ex htc IIIB T140°C Gc/Dc
EX category	3GD
Operating temperature	-10 / +40 C°
Suction inlet	50 Ø mm
Collection system	AISI304 stainless steel container
Capacity	45 Lt
Dimensions	550 X 620 mm
Height	1400 mm
Weight	48 Kg
Safety valve	Pressure relief valve

FILTRATION

Primary filter type	Star
Filter surface	15.000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual

FEATURES



DEFLECTOR
Internal deflector to protect the filter



ATEX CERTIFICATION



PUSH HANDLE



4-PIN ATEX INDUSTRIAL PLUG



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



POWER SUPPLY CABLE



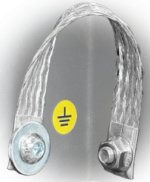
WHEEL WITH BRAKE
Non-marking wheel with integrated brake



STEEL CONSTRUCTION
Rugged industrial coated steel construction



PRV
Pressure relief valve installed



GRD
Grounding



GX
Stainless steel bin and chamber AISI 304

OPTIONS

AVAILABLE FILTER MEDIA



HEPA 14

Absolute filter (EN 1822)
 28.000 cm² filter surface
 H14 Class Filter (EN 1822)
 Glass fiber

STRUCTURE AND OPTIONS

60^{Hz}

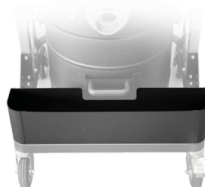
60HZ

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



AB

Accessories basket



LP

Endless Bag continuous roll collection system

ACCESSORIES



P12377

ANTISTATIC KIT PRO Ø 50MM

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



P13642

ANTISTATIC KIT PRO Ø 40MM

Kit containing antistatic accessories for application with 40 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



P13641

ANTISTATIC STARTER KIT Ø 40MM

Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner