

ATEX AND ACD VACUUM CLEANERS

TX 300 3D Z22

ATEX INDUSTRIAL VACUUM CLEANER



POWER
3 kW - 4 HP



APPLICATION
Powders, solids and
shavings



CAPACITY
100 Lt

FEATURES

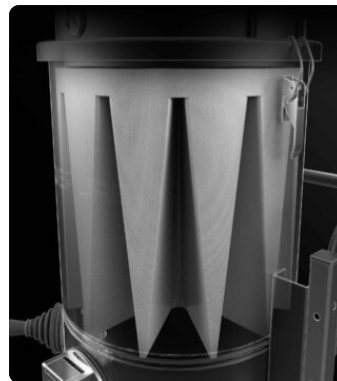
- Powerful and reliable steel industrial vacuum cleaner
- Suitable for continuous work, 24 hours a day, 7 days a week in Atex 22 zones
- Atex-certified blower
- Multiple construction options available

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	3 kW - 4 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	240 mBar
Maximum air flow	350 m3/h
Insulation class	55 F IP
Noise level	74 dB(A)

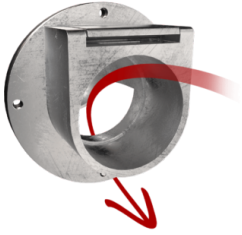
MACHINE

Atex marking	II 3D Ex htc IIIB T140°C Dc
EX category	3D - 3G
Operating temperature	-10/+40 C°
Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	100 Lt
Dimensions	650 X 1100 mm
Height	1400 mm
Weight	130 Kg
Safety valve	Pressure relief valve

FILTRATION

Primary filter type	Star
Filter surface	24000 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



4-PIN ATEX INDUSTRIAL PLUG



ANTISTATIC FILTRATION
Antistatic filtration to discharge static energy



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



WHEELS
Non-marking pivoting wheels



STEEL CONSTRUCTION
Rugged industrial coated steel construction



PRV
Pressure relief valve installed



GRD
Grounding



BX
Stainless steel bin AISI 304

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



SP

Automatic reverse jet cleaning system
 Antistatic M class filter (EN 60335-2-69), 3
 Polyester filter cartridges, 9 m² filter surface



PSC

Semiautomatic pneumatic filter shaker

AVAILABLE FILTER MEDIA



HEPA 14

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



PTFE ANT

Antistatic PTFE filter (M class EN
 60335-2-69)

STRUCTURE AND OPTIONS

60^{Hz}

60HZ

Available in 60Hz version



3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



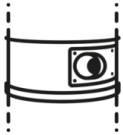
CONTAINER TILTABLE KIT

System for easy container emptying using forklift lifting.



SPARK TRAP

Built to capture sparks produced during welding, sanding, or polishing operations on metal parts



CYCLONIC EFFECT

Tangential inlet and cyclone installed
Tangential inlet + cyclone



TX

Stainless steel bin, chamber and frame AISI 304



6X

Stainless steel bin and chamber AISI 304

ACCESSORIES



P12377

ANTISTATIC KIT PRO Ø 50MM

Electrically conductive solution for maximum protection against static discharge. - 3 m of electrically conductive EVA - 2 anti-static r...



P13642

ANTISTATIC KIT PRO Ø 40MM

Complete antistatic system for thorough cleaning of sensitive production environments. - 3 m of electrically conductive EVA tubing - 1x ...



P12378

ANTISTATIC STARTER KIT Ø 50MM

Certified basic configuration for charge dissipation on medium-diameter cables. - 3 m of electrically conductive EVA - 2 anti-static rub...



P13641

ANTISTATIC STARTER KIT Ø 40MM

Safety kit for areas with electrostatic hazards, ideal for fine and conductive dust. - 3 m of electrically conductive EVA tubing - 1x 50 ...