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
- Atex-certified blower
- Suitable for continuous work, 24 hours a day, 7 days a week in Atex 22 zones
- 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) |

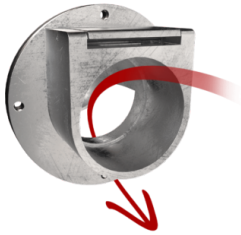
### MACHINE

| | |
|---|---|
| **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
Antistatlc PTFE filter (M class EN 60335-2-69)

## STRUCTURE AND OPTIONS

60HZ

### 60HZ
Available in 60Hz version



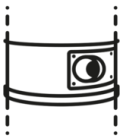
### 3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum



### 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



### GX
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 ...