

ATEX AND ACD VACUUM CLEANERS

# TX 550S 3D Z22

## ATEX INDUSTRIAL VACUUM CLEANER



**POWER**  
5,5 kW - 7,5 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	5,5 kW - 7,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	400 mBar
Maximum air flow	320 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	3GD
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	150 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

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



**SP**  
Automatic reverse jet cleaning system  
Antistatic M class filter (EN 60335-2-69), 3  
Polyester filter cartridges, 9 m<sup>2</sup> filter surface



**PSC**  
Semiautomatic pneumatic filter shaker

AVAILABLE FILTER MEDIA



**HEPA 14**  
Absolute filter (EN 1822)  
28.000 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber



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

STRUCTURE AND OPTIONS

**60<sup>Hz</sup>**

**60HZ**  
Available in 60Hz version



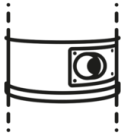
**3 YEARS WARRANTY**  
Purchasing the replacement filter along with the vacuum



**CONTAINER EMPTYING 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**  
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