

ATEX AND ACD VACUUM CLEANERS

# TX 550 S ACD

## MOBILE INDUSTRIAL VACUUM FOR COMBUSTIBLE DUST



**POWER**  
5,5 kW - 7,5 HP



**APPLICATION**  
Combustible dusts



**CAPACITY**  
100 Lt

## FEATURES

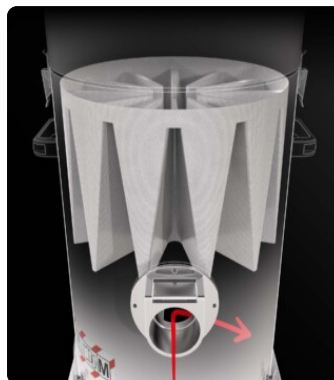
- ACD classified for combustible dust extraction in non-Atex classified areas
- High filtration efficiency in class M
- Compact structure for maximum stability and maneuverability
- Vacuum gauge for performance monitoring

## HIGHLIGHTS



### SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free work. A metal silencer is included as standard in the turbine to ensure a low noise level.



### FILTER UNIT

The material is diverted by a deflector protecting the main filter. Filtration is ensured by a class M polyester star filter (filtration efficiency 1 micron) with high filtering surface area, which guarantees air passage even with the dirty filter.



### DESIGNED FOR COMBUSTIBLE DUST

Ideal for collecting fine and potentially combustible dust in non-ATEX classified areas. The ACD vacuum is equipped with antistatic filters and full grounding to ensure safe and reliable operation.



### COLLECTION UNIT

The material is collected inside a coated bin complete with a handle that allows it to be released. Thanks to the 4 sturdy pivoting wheels, the container can be moved with ease, and the collected material can then be disposed of.

## TECHNICAL DATA

### MOTOR

|                          |                     |
|--------------------------|---------------------|
| Typologies               | Side channel blower |
| Power                    | 5,5 kW - 7,5 HP     |
| Frequency                | 50/60 Hz            |
| Voltage                  | 400 V               |
| Vacuum in continuous run | 440 mBar            |
| Maximum air flow         | 330 m3/h            |
| Insulation class         | 55   F IP           |
| Noise level              | 76 dB(A)            |

### MACHINE

|                   |                       |
|-------------------|-----------------------|
| Suction inlet     | 70 Ø mm               |
| Collection system | Steel container       |
| Capacity          | 100 Lt                |
| Dimensions        | 650 X 1100 mm         |
| Height            | 1400 mm               |
| Weight            | 155 Kg                |
| Safety valve      | Pressure relief valve |

### FILTRATION

|                                |                      |
|--------------------------------|----------------------|
| Primary filter type            | Star                 |
| Filter surface                 | 38000 cm2            |
| EN 60335-2-69 filtration class | M                    |
| Media                          | Antistatic polyester |
| Filter Cleaning System         | Manual               |

**OPTIONS**
**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)

**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

## STRUCTURE AND OPTIONS

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

**60HZ**  
Available in 60Hz version



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



**CYCLONIC EFFECT**  
Tangential inlet and cyclone installed  
Tangential inlet + cyclone



**BX**  
Stainless steel bin AISI 304



**GX**  
Stainless steel bin and chamber AISI 304



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

## ACCESSORIES



**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 ...



**P13642**  
**ANTISTATIC KIT PRO Ø 40MM**  
Complete antistatic system for thorough cleaning of sensitive production environments. - 3 m of electrically conductive EVA tubing - 1x ...



**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 ...



**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 ...



**P14900**  
**VERTIVAC – CONDUCTIVE ACCESSORY KIT FOR CLEANING AT HEIGHT Ø 40MM**  
An ultra-lightweight, conductive carbon fiber extension system designed to safely reach hard-to-reach spots and elevated structures from the ...