

## ATEX AND ACD VACUUM CLEANERS

# TX 550 P H ACD TROLLEY-MOUNTED INDUSTRIAL VACUUM FOR COMBUSTIBLE DUSTS









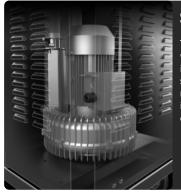


## **FEATURES**

- Classified ACD for suction of combustible dust in areas not classified Atex
- 2 levels of progressive filtration

- Compact structure for maximum stability and maneuverability
- Vacuum gauge to monitor performance

## 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**

Filtration is provided by two progressive efficiency filters installed in series: a primary star polyester filter class M (filtering efficiency 1 micron) with high filtering surface area and an absolute secondary filter in class H14.



#### 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 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	Side channel blower
Power	5,5 kW - 7,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	260 mBar
Maximum air flow	530 m3/h
Insulation class	55   F IP
Noise level	76 dB(A)
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MACHINE	
Suction inlet	70 Ø mm
Collection system	AISI304 stainless 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	М
Media	Antistatic polyester
Filter Cleaning System	Manual
Secondary Absolute Filter	H14 - Included



## **FEATURES**



**DEFLECTOR**Internal deflector to protect the filter



**PLUG** 4-pole 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



**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



**HEPA 14** Absolute filter (EN 1822)



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



## **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**



PTFE ANT

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



## STRUCTURE AND OPTIONS

60<sup>©</sup>HZ

#### 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



#### 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**



#### 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