

ATEX AND ACD VACUUM CLEANERS

# TX 400 P H ACD

## TROLLEY-MOUNTED INDUSTRIAL VACUUM FOR COMBUSTIBLE DUSTS



**POWER**  
4 kW - 5,5 HP



**APPLICATION**  
Combustible dusts



**CAPACITY**  
100Lt

## FEATURES

- Classified ACD for suction of combustibile 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 combustibile 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	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	160 mBar
Maximum air flow	530 m3/h
Insulation class	55   F IP
Noise level	76 dB(A)

### MACHINE

Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	100 Lt
Dimensions	650 X 1100 mm
Height	1400 mm
Weight	140 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
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 m<sup>2</sup> filter surface


**PSC**

Semiautomatic pneumatic filter shaker

### AVAILABLE FILTER MEDIA


**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



### 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