

ATEX AND ACD VACUUM CLEANERS

TX 550 P 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	260 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	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 cm ²
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual

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

**ANT M**

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

OPTIONS

AVAILABLE FILTER MEDIA

**HEPA 14**

Absolute filter (EN 1822)
28.000 cm² 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 m² filter surface

**PSC**

Semiautomatic pneumatic filter shaker

STRUCTURE AND OPTIONS

60  **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

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

Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner


P13642
ANTISTATIC KIT PRO Ø 40MM

Kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner


P12377
ANTISTATIC KIT PRO Ø 50MM

Kit containing antistatic accessories for application with 50 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


P14900

 VERTIVAC - CONDUCTIVE ACCESSORY KIT FOR
CLEANING AT HEIGHT Ø 40MM