

ATEX AND ACD VACUUM CLEANERS

TX 400 P ACD

MOBILE INDUSTRIAL VACUUM FOR COMBUSTIBLE DUST



POWER
4 kW - 5,5 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	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	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

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

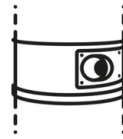
STRUCTURE AND OPTIONS

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