HEAVY DUTY THREE-PHASE INDUSTRIAL VACUUM CLEANERS

TX 550 S SP

INDUSTRIAL WHEELED VACUUM CLEANER WITH AUTOMATIC FILTER CLEANING

Watch the video!

POWER
5,5 kW - 7,5 HP

APPLICATION
Fine, dry and clogging powders

CAPACITY
100 Lt

FEATURES

- Industrial steel vacuum cleaner, powerful and reliable
- Suitable for continuous work, 24 hours a day, 7 days a week
- Suitable for extracting large quantities of fine and light dusts
- Multiple construction options available

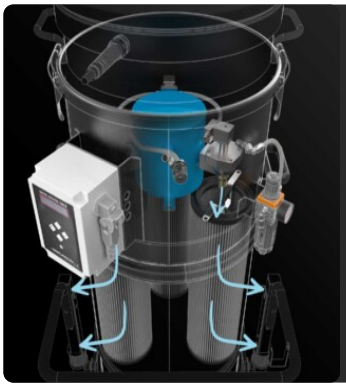
HIGHLIGHTS

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 ensured by polyester cartridge filters in class M (filtration efficiency 1 micron) with high filtering surface area, which guarantees the passage of air even with dirty filter.



SP FILTER CLEANING SYSTEM

Automatic filter cleaning system in reverse flow of air at 6 bar (compressed air not supplied as standard). Each filter is cleaned at regular, adjustable intervals alternately without interrupting suction. Ideal for fine and difficult dust.

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	1750 mm
Weight	155 Kg
Safety valve	Pressure relief valve

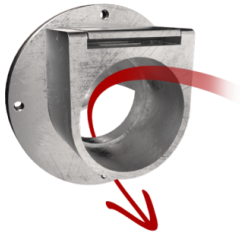
FILTRATION

Primary filter type	3x Cartridges
Filter surface	90000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Automatic SP

FEATURES

VACUUM GAUGE
Vacuum gauge for indication of filter clogged or in need of replacement

POWER SUPPLY CABLE



DEFLECTOR
Internal deflector to protect the filter

WHEEL WITH BRAKE
Non-marking wheel with integrated brake

WHEELS
Non-marking pivoting wheels

STEEL CONSTRUCTION
Rugged industrial coated steel construction

100 LT
100 Lt bin

PLUG
4-pole industrial plug

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS

COM
Compressor on board
Compressor fitted on the back cover

AVAILABLE FILTER MEDIA

HEPA 14

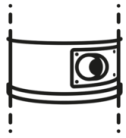
Absolute filter (EN 1822)
28.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

STRUCTURE AND OPTIONS

60HZ
Available in 60Hz version

3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

ATEX CERTIFICATION



CYCLONIC EFFECT
Tangential inlet and cyclone installed
Tangential inlet + cyclone

RC
Remote control 24V ON/OFF

PRV
Pressure relief valve installed

LP
Endless Bag continuous roll collection system

KDP
Differential pressure KIT for bag

GRD
Grounding

GFR
Lifting eyebolts

FLT
Floater device

FKL
Forklift bracket

BX
Stainless steel bin AISI 304

GX
Stainless steel bin and chamber AISI 304

TX
Stainless steel bin, chamber and frame AISI 304

CONTAINER TILTABLE KIT
System for easy container emptying using forklift lifting.

ACCESSORIES

P13970
ARTICULATED SUCTION ARM D70
Flexible PVC suction arm, retrofittable on existing models - 1.2 mt length - d70

P13638
STARTER KIT Ø 40MM
Basic kit containing specific accessories for 40 mm diameter solids and liquids vacuuming

P12350
STARTER KIT Ø 50MM
A compact, essential solution for quick vacuuming on simple surfaces. - 3-meter Evaflex hose - 2 antistatic rubber sleeves - Flat nozzle

P13639
WET & DRY KIT Ø 40MM
Versatile kit designed to easily switch between vacuuming dust and liquid debris. - 3-meter Evaflex hose - 1x 50/40 antistatic rubber ho ...

P11887
WET & DRY KIT Ø 50MM
Robust system for suctioning large quantities of liquids and solid debris. - 3-meter Evaflex hose - 2x antistatic rubber sleeves - Flat ...

P13640
DRY KIT Ø 40MM
Optimized configuration for thorough cleaning of floors and surfaces from dry dust. - 3-meter Evaflex hose - 1x 50/40 antistatic rubber ...

P12348
DRY KIT Ø 50MM
Kit for cleaning large areas of dry dust that require high suction power. - 3-meter Evaflex hose - 2x antistatic rubber sleeves - Flat ...