

TECHNICAL SHEET

INDUSTRIAL VACUUM TX 300

THREEPHASE

The TX 300 industrial vacuum stands out for its **power, maneuverability, and compactness**. Fitted with a **3 kW side channel turbine**, ideal for working continuously without the need for maintenance. The **filter chamber** contains a large surface (24,000 cm²) polyester filter, certified as **M Class** (1-micron filtration efficiency), ideal for working with even the **finest dust**. In this **industrial vacuum** of the **Depureco three-phase range**, a different filter can be installed depending on the professional application. **Teflon** water-repellent filters, **Nomex** 250°C resistant filters, and filters with **PTFE** treatment for more binding and **difficult dust** are also available. The unit can be fitted with an **H14 absolute filter** on demand. The **TX industrial vacuum** is equipped with a large 65Lt or 100 Lt detachable **container** on wheels allowing the operator to empty the **vacuumed material** easily. Disposable collection bags can also be used. A floating system can be provided in the container to **vacuum liquids** in complete **safety**.



POWER
3 kW



SURFACE
38.000 cm²



CAPACITY
100 Lt



SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee continued work in complete safety, without any maintenance. The blower is also equipped with a metal silencer to maintain a low noise level.



FILTERING UNIT

The filtration is guaranteed by an M class polyester filter. The star shape enables air to flow through the filter even when it is dirty. The fabric of the filter is classified as M Class (BIA | EN 60335-2-69). This means that all particles till 1 micron are stopped by the filter so as to protect the blower and the operator around the vacuum cleaner



FILTER SHAKER

On one side of the filter chamber there is an ergonomic manual shaker through which the operator can easily and quickly clean the filter, removing any dust and debris from its surface. Thanks to this smart cleaning system the operator can carry on working without needing to change or wash the filter.



COLLECTION BIN

The material is collected inside a painted container equipped with a metal handle which enables the bin to be detached from the machine. Thanks to its 4 swiveling wheels, the bin can be easily moved and emptied. Each wheel is reinforced to guarantee maximum stability during handling.

TECHNICAL DATA

ENGINE		PRIMARY FILTER		MACHINE	
Suction type	side channel blower	Type	star filter	Inlet	70 Ø mm
Voltage	400 V	Class EN 60335-2-69	M Class	Dimensions	650 x 1100 mm
IP	55	Media	antistatic polyester	Height	1400
Maximum vacuum	310 mBar	Filter cleaning	manual shaker	Weight	130 Kg
Vacuum in continuous run	210 mBar				
Maximum air flow	420 m3/h				
Safety valve	optional				
Noise level - (EN ISO 3744)	74 dB(A)				
Frequency	50/60 Hz				
Power	4 HP				
Insulation class	F				

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



JC
Jet Clean



COM
Compressor on board Compressor fitted on the back cover

OPTIONS

AVAILABLE FILTER MEDIA



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



MTF
Teflon filter (M class EN 60335-2-69)



NOMEX
250° Celsius resistant filter



PTFE
PTFE Filter (M class EN 60335-2-69)



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



HEPA 14
Absolute filter (EN 1822) 28.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

OPTIONS

STRUCTURE AND OPTIONS



BX
Stainless steel bin AISI 304



GX
Stainless steel bin and chamber AISI 304



TX
Stainless steel bin, chamber and frame AISI 304



FKL
Forklift bracket



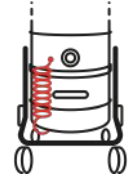
FLT
Floater device



GFR
Lifting eyebolts



GRD
Grounding



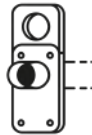
KDP
Differential pressure KIT for bag



LP
Longopac bagging system



PRV
Pressure relief valve installed



SD
Sliding damper



TAN
Tangential inlet + cyclone

ACCESSORY



P10866
Iron reducer \varnothing 70/50mm
Reducer for vacuum quick fitting in galvanised steel 70/50 mm diameter



P12350
Starter kit \varnothing 50mm
Basic kit containing specific accessories for 50 mm diameter solids and liquids vacuuming



P11887
Wet & Dry Kit \varnothing 50mm
Kit containing specific accessories for 50 mm diameter solids and liquids vacuuming