

HTE100

Vacuum Tower

with Automatic Filter Cleaning

RUPES



RUPES HTE100 vacuum tower is a **Dust Extraction System** designed for extracting micro dust during the sanding process.

Thanks to a **high filtration efficiency** and **excellent suction performance**, the unit allows to **work professionally** and to have a **safe** and **clean** working area.

The **RUPES HTE100** is able to support **simultaneously** 2 operators with **high** vacuum and flow rate.

MORE EFFICIENCY
COST REDUCTION
HIGH
PERFORMANCE

TECHNICAL DATA	UNIT OF MEASURE	DATA
POWER	[kW/HP]	1,5/2
ELECTRIC SUPPLY	[V]	230V
FREQUENCY	[Hz]	50
PRESSURE SUPPLY	[bar]	6
MAXIMUM VACUUM LEVEL	[mbar]	240
FLOW RATE	[m ³ /h]	250
FILTERING SURFACE	[m ²]	1
TANK CAPACITY	[L]	20
NOISE LEVEL	[dB(A)]	68
USERS	[n]	2
ID VACUUM NOZZLE	[n]	1xD50 [mm] or 2xD34 [mm]
ELECTRIC SOCKETS FOR TOOLS	[n]	2
AIR QUICK COUPLING FOR TOOLS	[n]	2
DIMENSIONS [WxHxD]	[cm]	58x140x45
WEIGHT	[Kg]	120



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TECHNOLOGY

SIDE CHANNEL PUMP

A **1,5 [kW]** - side channel pump is installed inside the unit. Against simple mobile vacuum cleaner, the pump can work for more than **20.000 hours** without maintenance.



PTFE FILTER

A **1 [m²]** **PTFE filter** for blocking micro dust particles (**99,5% efficiency with 0,3 [µm]** dust). PTFE membrane **increases filter lifetime** also in industrial application with **multiple kinds of dusts** (dry, humid, metal, plastic, wood, etc.)



ELECTRONIC FRONTAL PANEL

The unit is equipped with an electronic frontal. The side channel pump is started in **MANUAL mode** or in **AUTOMATIC mode** when pneumatic tools are used.



AUTOMATIC FILTER CLEANING SYSTEM

A local compressed air jet cleans all the filter surface and **efficiently** remove the dust. The main electronic unit automatically activates the system to keep the **suction always optimal** during the use



EASY DUST CONTAINER EXTRACTION

By opening the frontal panel, the dust container can be **easily taken** from the unit to remove dust. A **special lifting rail system** makes the operation **fast and easy**: one only hook is used to fix the dust container.



FRONTAL CONNECTIONS

HTE100 is designed to support **2 users at the same time** with:

- n.2 pneumatic/electric connections for tools with auto start;
- Y suction connection for 2 flexible hoses.

