

## DM3 AIR HD - AIR POWERED



AVIATION



FOOD INDUSTRY



SHIPYARDS



CHEMICAL-PHARMACEUTICAL



- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Low noise level
- ✓ High filtration efficiency
- ✓ Powerful suction thanks to a multi-nozzle venturi unit



### SUCTION UNIT

Air supply	nlt / min	1.530 - 2.500
Air supply pressure	bar	6
Ø Air supply hose	mm	12
Max air flow	m <sup>3</sup> /h	465 - 590
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74
Max water lift	mmH <sub>2</sub> O	5.000



### FILTER UNIT

Filter Type	Star
Cleaning system	Manual
Secondary filter	HEPA



### COLLECTION UNIT

Transport capacity	kg/h	100
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### VOLUME

Dimensions	cm	62x62x160h
Weight	kg	80



## SUCTION UNIT

The suction is provided by a venturi compressed-air-driven suction unit, protected inside a strong steel chassis, which contains also sound absorbing material to minimize noise during service. The suction is developed by a venturi-type vented suction unit, protected inside a solid steel head, containing sound absorbing material that minimizes noise during service.

The head includes a pressure and a vacuum gauge, in order to detect the clogging of the filter



## FILTER UNIT

The large surface star filter, located inside the filter stainless steel chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



## COLLECTION UNIT

The vacuumed material is collected into a wheeled steel container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal

The detachable AISI 304 steel collection tank has a quick release system for the rapid disposal of the vacuumed material.



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ EARTH GROUNDING
- ✓ CYCLONE FOR FILTER PROTECTION