

MHD 180 HV

INDUSTRIAL VACUUM CLEANERS



- ✓ Extremely silent.
- ✓ Simultaneous vacuuming of dust, liquids and solids.
- ✓ Large surface filter for fine dust with integrated manual cleaning system.
- ✓ Maintenance-free motor suitable for continuous operation.
- ✓ Large capacity detachable container. Forklift intakes.

Suction unit

Voltage	V - Hz	400 - 50 3~
Power	kW	17,3
Max waterlift	mmH2O	6.000
Continuous water lift	mmH2O	5.400
Max air flow	m3/h	720
Relief valve		Integrated
Suction inlet	mm	120

Filtering Unit

Primary filter		Star
Surface - Diameter	cm ² -mm	70.000 - 560
Material - Efficiency	IEC 60335-2-69	Polyester L
Cleaning system		Manual

Collection unit

Capacity	lt	160
Collection system		Release container

Encumbrances

Dimensions	cm	163x76x200h
Weight	kg	421

APPLICATIONS: Glass Sandblasting Wood and plastic  General housekeeping  Food, chemical and pharmaceutical industry



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SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor shaft and the impeller. Since it has no transmission systems, it requires no routine maintenance, is suitable for long term continuous operation and provides superior suction performance.

FILTERING UNIT

The polyester pocket filter is located inside the steel filtering chamber and protects the suction unit, ensuring high dust retention and purity of the exhaust air thanks to its large surface area and high filtration efficiency. A manual cleaning system, consisting of a vertically moving filter shaker, allows the operator to clean the filter effortlessly at any time, extending the filter's life and preventing it from becoming saturated and reducing suction power. The suction system positioned below the filter allows the simultaneous suction of dust, solids and liquids without the need to replace or remove the filter.

COLLECTION UNIT

The steel container is equipped with a quick release system that allows for quick disposal of the vacuumed material.

OPTIONALS

- ✓ Large surface filter cat. m ptfе
- ✓ Stainless steel container
- ✓ Stainless steel chamber
- ✓ Earthing
- ✓ Timed automatic filter shaker with compressed air cylinder
- ✓ Self-cleaning compressed air filter, 4 x M-class antistatic cartridges, surface area 106,000cm²
- ✓ Local remote start-up
- ✓ Bracket for lifting and tilting the container
- ✓ Abrasion proof plate in Hardox steel for filter chamber
- ✓ Hepa safety filter h14 103,000cm²
- ✓ Hepa safety filter h14 52,000cm²