

# MHD 100 heavy duty vacuum cleaner

## INDUSTRIAL VACUUMS



- ✓ 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

Power supply	V - Hz	400 - 50 3~
Power	kW	7,5
Maximum depression	mmH2O	4.500
Continuous depression	mmH2O	3.200
Maximum air flow rate	m3/h	750
Limiting valve		Integrated
Nozzle	mm	120
Noisiness (EN ISO 3744)	dB(A)	74

### Filter Unit


Primary filter		Pockets
Surface area - diameter	cm <sup>2</sup> -mm	70.000 - 560
Filter media - class	IEC 60335-2-69	Polyester L
Cleaning system		Handbook

### Collection unit

Capacity	lt	160
Collection system		Release container

### Encumbrances

Dimensions	cm	163x76x200h
Weight	kg	332

**APPLICATIONS:**  Food, chemical and pharmaceutical industry



General housekeeping

Steel mills and foundries

Glass

Mechanical 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.

## FILTER UNIT

The antistatic 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
- ✓ Earthing
- ✓ Timed automatic filter shaker with compressed air cylinder
- ✓ Self-cleaning compressed air filter, 4 x M-class antistatic cartridges, surface area 106,000cm<sup>2</sup>
- ✓ Local remote start-up
- ✓ Bracket for lifting and tilting the container
- ✓ Abrasion proof plate in Hardox steel for filter chamber
- ✓ Hepa safety filter h14 52,000cm<sup>2</sup>
- ✓ NOMEX heat-resistant filter up to 200°C