

## INDUSTRIAL VACUUM CLEANERS

### MHD 250 HV - Vacuum cleaner for centralized vacuum systems - INDUSTRIAL THREE PHASE



CEMENT WORKS AND CONSTRUCTION INDUSTRY



STEELWORKS AND FOUNDRIES



METALWORKING



SAND BLASTING



- ✓ Extremely silent.
- ✓ Suitable for simultaneous suction of dusts, liquids and solids.
- ✓ High level of filtration, filter efficiency detector, integrated manual filter cleaning system.

- ✓ Maintenance free motor ideal for continuous duty.
- ✓ Large capacity, detachable container with forklift intakes.



#### SUCTION UNIT

Voltage	V - Hz	400 - 50 3~
Power	kW	20
Max waterlift	mmH2O	5.000
Continuous water lift	mmH2O	4.400
Max air flow	m <sup>3</sup> /h	1.100
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	78



#### FILTER UNIT

Filter Type		Star
Surface - Diameter	cm <sup>2</sup> -mm	70.000 - 560
Material - Efficiency	IEC 60335-2-69	Polyester - L
Cleaning system		Manual



#### COLLECTION UNIT

Collection tank		Steel
Discharge system		Roll-out container
Capacity	lt.	160
Floating device		Yes



#### VOLUME

Dimensions	cm	163 x 76 x 200h
Weight	kg	450



## SUCTION UNIT

Suction is developed by a powerful side channel blower with direct coupling between the fan and the motor and no transmission system, making it completely maintenance free and fit for continuous duty.

A pressure relief valve protects the motor from overheating and ensures the entry of cooling air for the motor.



## FILTER UNIT

The filter is cleaned mechanically by means of a manual filter shaking lever which shakes the filter vertically, ensuring safe and effective cleaning. This contributes to maintain high suction efficiency and avoids the spreading of dust in the environment.



## COLLECTION UNIT

The steel container has an easily detachable container for quick disposal of suctioned material.



## OPTIONALS

- ✓ PTFE coated class M filter
- ✓ Stainless steel collection tank and filter chamber
- ✓ Earth grounding
- ✓ Automatic filter cleaning system with pneumatic cylinder shaker with timer and push button
- ✓ LOC/REM remote control
- ✓ Lifting bracket and ring for container tipping
- ✓ Abrasion proof plate for filter chamber
- ✓ Safety cartridge Hepa H14 103.000cm<sup>2</sup>