

## INDUSTRIAL VACUUM CLEANERS

### MHD 250 ATEX - Heavy duty industrial vacuum cleaner - ATEX EXPLOSION PROOF



FOOD INDUSTRY



CEMENT WORKS AND CONSTRUCTION INDUSTRY



CLEANING CONTRACTORS



WOOD



- ✓ Extremely silent.
- ✓ Suitable for simultaneous suction of dusts, liquids and solids.
- ✓ High level of filtration, filter efficiency detector, integrated manual filter cleaning system.
- ✓ Heavy Duty three phase industrial vacuum cleaner, suitable for mobile services or as fixed, centralized solution.
- ✓ Maintenance free motor ideal for continuous duty.
- ✓ Easy material discharge by detachable container.



#### SUCTION UNIT

Atex zones		22
Marking		II 3D Ex tD IIIB T135°C IP55 Dc
Voltage	V - Hz	400 - 50 3~
Power	kW	20
Max waterlift	mmH2O	5.000
Max air flow	m³/h	1.100
Suction inlet	mm	560
Noise level (EN ISO 3744)	dB(A)	78



#### FILTER UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	70.000 - 560
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
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.



## 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

Suctioned material deposits inside an extractable steel container fitted with wheels, allowing practical and safe emptying. Use with disposable bags is possible.



## OPTIONALS

- ✓ Nomex heat resistant filter up to 250°
- ✓ Automatic filter cleaning system with pneumatic cylinder shaker with timer and push button
- ✓ Automatic pneumatic filter cleaning system, 4 antistatic class M cartridges, surface 106.000cm<sup>2</sup>
- ✓ 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>