DUPUY
TAILOR MADE VACUUMS

INDUSTRIAL VACUUM CLEANERS

MHD 150 ATEX - Heavy Duty three-phase industrial vacuum cleaner - ATEX EXPLOSION PROOF

CEMENT WORKS AND CONSTRUCTION INDUSTRY

CHEMICAL-PHARMACEUTICAL

STEELWORKS AND FOUNDRIES

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.
- ✓ Heavy Duty three phase industrial vacuum cleaner, suitable for mobile services or as fixed, centralized solution.
- ✓ Maintenance free motor ideal for continuous duty.
- ✓ Large capacity, detachable container with forklift intakes.

SUCTION UNIT

Atex zones		22
Marking		II 3D Ex tD IIIB T135°C IP55 Dc
Voltage	V - Hz	400 - 50
Power	kW	12,5
Electrical protection	IP	55
Max waterlift	mmH2O	4.400
Continuous water lift	mmH2O	2.900
Max air flow	m³/h	1.100
Suction inlet	mm	120

FILTER UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	70.000 - 560
Cleaning system		Manual

COLLECTION UNIT

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

VOLUME

Dimensions	cm	77 x 162 x 199h

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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 deatachable container for quick disposal of suctioned material.

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 106.000cm2
- ✓ LOC/REM remote control
- ✓ Lifting bracket and ring for container tipping
- ✓ Abrasion proof plate for filter chamber
- ✓ Safety cartridge Hepa H14 52.000cm2
- ✓ Safety cartridge Hepa H14 103.000cm2

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