

## INDUSTRIAL VACUUM CLEANERS

### MHD 180 HP - Heavy Duty Three-phase industrial vacuum cleaner - INDUSTRIAL THREE PHASE



CEMENT WORKS AND CONSTRUCTION INDUSTRY



STEELWORKS AND FOUNDRIES



WOOD



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 |
| Power                 | kW                 | 15      |
| Electrical protection | IP                 | 55      |
| Max waterlift         | mmH <sub>2</sub> O | 6.000   |
| Continuous water lift | mmH <sub>2</sub> O | 5.400   |
| Max air flow          | m <sup>3</sup> /h  | 730     |
| Suction inlet         | mm                 | 120     |



#### FILTER UNIT

|                    |                     |        |
|--------------------|---------------------|--------|
| Filter Type        |                     | Star   |
| Surface - Diameter | cm <sup>2</sup> -mm | 70.000 |
| Cleaning system    |                     | Manual |



#### COLLECTION UNIT

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



#### VOLUME

|            |    |                 |
|------------|----|-----------------|
| Dimensions | cm | 77 x 162 x 199h |
|------------|----|-----------------|



## 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
- ✓ 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 52.000cm<sup>2</sup>
- ✓ Safety cartridge Hepa H14 103.000cm<sup>2</sup>

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## Technical Customer Support

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