

# M PN industrial vacuum cleaners with counter-current air filter cleaning

## INDUSTRIAL VACUUMS



- ✓ Extremely silent.
- ✓ Release container with the possibility of using disposable bags.
- ✓ Large capacity detachable container. Forklift intakes.
- ✓ Simultaneous vacuuming of dust, liquids and solids.
- ✓ Maintenance-free motor suitable for continuous operation.
- ✓ Integrated filter cleaning system

### Suction Unit

|                         |        |               |
|-------------------------|--------|---------------|
| Power supply            | V - Hz | 400 - 50 3~   |
| Power                   | kW     | 4,6 - 8,6     |
| Maximum depression      | mmH2O  | 3.200 - 5.100 |
| Continuous depression   | mmH2O  | 2.700 - 4.000 |
| Maximum air flow rate   | m3/h   | 320 - 700     |
| Nozzle                  | mm     | 80            |
| Noisiness (EN ISO 3744) | dB(A)  | 74 - 77       |

### Filter Unit

|                         |                     |                                 |
|-------------------------|---------------------|---------------------------------|
| Primary filter          |                     | Cartridge                       |
| Surface area - diameter | cm <sup>2</sup> -mm | 57.000-80.000 - 150             |
| Number of cartridges    |                     | 3                               |
| Filter media - class    | IEC 60335-2-69      | Polyester ANT M                 |
| Cleaning system         |                     | Automatic PN countercurrent air |

### Collection unit

|          |    |     |
|----------|----|-----|
| Capacity | lt | 100 |
|----------|----|-----|

### Encumbrances

|            |    |                 |
|------------|----|-----------------|
| Dimensions | cm | 119x65x160-180h |
| Weight     | kg | 137-182         |

**APPLICATIONS:**  Food, chemical and pharmaceutical industry    Mechanical industry    Glass    Sandblasting    Wood and plastic    General housekeeping

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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 filter can be cleaned by means of the integrated mechanical cleaning system: an external filter shaking lever shakes the filter with a vertical movement, ensuring an effective and safe cleaning action, maintaining constant suction power and preventing the dispersion of dust into the environment.

## COLLECTION UNIT

The steel container is equipped with a quick release system that allows for quick disposal of the vacuumed material.

## OPTIONALS

- ✓ Hepa absolute filter /h14
- ✓ Stainless steel container
- ✓ Earthing
- ✓ Arrangement for endless bag
- ✓ Cyclone for filter protection
- ✓ Pressure relief valve
- ✓ Additional silencer
- ✓ Forklift intakes