

# SILOVAC 600 PRO – Silo vacuum cleaner for large quantities of material

INDUSTRIAL VACUUM CLEANERS



- ✓ Vacuuming silos designed for vacuuming large quantities of materials and direct discharge into big-bags or collection drums.
- ✓ Material discharge with tilting door, butterfly valve, sliding damper or rotovalve.
- ✓ Easy and quick big-bag bagging.
- ✓ Large capacity detachable container. Forklift intakes.

## Suction unit

|                           |        |             |
|---------------------------|--------|-------------|
| Voltage                   | V - Hz | 400 - 50 3~ |
| Power                     | kW     | 7,5         |
| Max waterlift             | mmH2O  | 4.000       |
| Continuous water lift     | mmH2O  | 2.700       |
| Max air flow              | m3/h   | 700         |
| Suction inlet             | mm     | 80          |
| Noise level (EN ISO 3744) | dB(A)  | 77          |

## Filtering Unit

|                              |                 |              |
|------------------------------|-----------------|--------------|
| Primary filter               |                 | Star         |
| Total filtering surface area | cm <sup>2</sup> | 50.000 - 560 |
| Material - Efficiency        | IEC 60335-2-69  | Polyester L  |
| Cleaning system              |                 | Manual       |

## Collection unit

|                   |    |                 |
|-------------------|----|-----------------|
| Capacity          | lt | 600             |
| Collection system |    | Big-Bag         |
| Discharge system  |    | Butterfly valve |

## Encumbrances

|            |    |              |
|------------|----|--------------|
| Dimensions | cm | 147x108x350h |
| Weight     | kg | 500          |

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



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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.

## FILTERING UNIT

The polyester pocket filter is located inside the steel filtering chamber and protects the suction unit, ensuring high dust retention and purity of the exhaust air thanks to its large surface area and high filtration efficiency. A manual cleaning system, consisting of a vertically moving filter shaker, allows the operator to clean the filter effortlessly at any time, extending the filter's life and preventing it from becoming saturated and reducing suction power. The suction system positioned below the filter allows the simultaneous suction of dust, solids and liquids without the need to replace or remove the filter.

## COLLECTION UNIT

The material is unloaded directly into big-bags.

## OPTIONALS

- ✓ Local remote start-up
- ✓ Electro-mechanical vibrator on the hopper cone for discharging sticky materials
- ✓ Explosion vent panel dn400