

# Silovac 600

## 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.
- ✓ Mounted on a telescopic chassis for easy handling

### Suction unit

Voltage	V - Hz	400 - 50 3~
Power	kW	12,5 - 20
Max waterlift	mmH2O	6.000 - 4.400
Continuous water lift	mmH2O	4.500 - 2.900
Max air flow	m3/h	1.350 - 1.100
Relief valve		Integrated
Suction inlet	mm	100

### Filtering Unit

Primary filter		Star
Surface - Diameter	cm <sup>2</sup> -mm	70.000 - 560
Material - Efficiency	IEC 60335-2-69	M PTFE ANT
Cleaning system		Self-clean

### Collection unit

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

### Encumbrances

Dimensions	cm	Low 135x135x250h - Highest 135x135x400h
Weight	kg	1015 - 1125

**APPLICATIONS:**  Food, chemical and pharmaceutical industry   Sandblasting   Steel mills and foundries   Glass



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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 filter is equipped with a semi-automatic, operator-controlled cleaning system. A pneumatic cylinder shakes the pocket filter by means of a rapid vertical movement, which causes the separation of any dust and material that may have accumulated on the filter. This allows the operator to decide when to stop the vacuum cleaner and clean the filter, rather than being restricted to predetermined cleaning times and cycles. The vacuum cleaner is equipped with an on-board compressor for independent system operation.

### 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