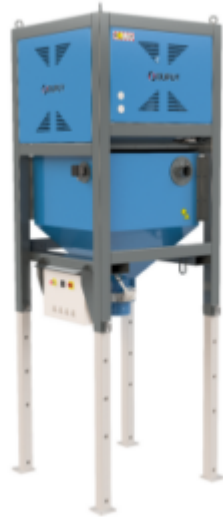


# Silovac 600 Z22

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.
- ✓ Mounted on a telescopic chassis for easy handling

## Suction unit

Atex zones		Zone 22 Dust
Voltage	V - Hz	400 - 50 3~
Marking	Ex II 3D Ex tc IIIB T135°C X Dc	
Usage area		Hazardous location
Power	kW	12,5 - 20
Max waterlift	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
Primary filter		Cartuccia Hepa H14 52.000 cm2

## Collection unit

Capacity	lt	600
Cyclon unit		Integrated
Collection system		Big-Bag

APPLICATIONS: Steel mills and foundries    Cementitious    Sandblasting



Food, chemical and pharmaceutical industry    Mechanical industry

## Encumbrances

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

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## SUCTION UNIT

The suction unit is a high-performance side channel blower, with direct coupling between the motor shaft and the impeller. Since it has no transmission systems, it requires no routine maintenance and is suitable for long term continuous operation. The control panel consists of a start/stop push-button panel and magnetic circuit breaker. A vacuum gauge allows constant monitoring of the vacuum level and filter saturation status. A double silencer reduces noise and dampens the impact of the outgoing air. The turbine is equipped with a pressure relief valve.

## 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.

## 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