

Silovac 100T Z22

INDUSTRIAL VACUUM CLEANERS



- ✓ Integrated filter cleaning system
- ✓ Easy and quick big-bag bagging.
- ✓ Material discharge with tilting door, butterfly valve, sliding damper or rotovalve.

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	3
Max waterlift	mmH2O	2.000
Max air flow	m3/h	370
Relief valve		Integrated
Suction inlet	mm	80

Filtering Unit

Primary filter		Star
Surface - Diameter	cm ² -mm	20.000 - 420
Material - Efficiency	IEC 60335-2-69	M ANT
Cleaning system		Manual

Collection unit

Capacity	lt	100
Collection system		Big-Bag
Discharge system		Butterfly valve

Encumbrances

Dimensions	mm	1200x1200x1500
------------	----	----------------

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

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

Inside the steel filter chamber is the antistatic polyester pocket filter, which protects the suction unit and prevents the risk of sparks due to static energy build-up.

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 material is unloaded directly into big-bags.