

# Silovac 100T Z22

## INDUSTRIAL VACUUMS



- ✓ Integrated filter cleaning system
- ✓ Easy and quick big-bag bagging.
- ✓ Material discharge with tilting door, butterfly valve, sliding damper or rotovalve.
- ✓ Compliance to EN IEC 62784:2018 for zone 22

### Suction Unit

ATEX Zones		Zone 22 Powders
Power supply	V - Hz	400 - 50 3~
Marking	Ex II 3D Ex tc IIIB T135°C X Dc	
Zone use		Hazardous location
Power	kW	3
Maximum depression	mmH2O	2.300
Maximum air flow rate	m3/h	350
Limiting valve		Integrated
Nozzle	mm	80

### Filter Unit

Primary filter		Pockets
Surface area - diameter	cm <sup>2</sup> -mm	20.000 - 420
Filter media - class	IEC 60335-2-69	M ANT
Cleaning system		Handbook

### Collection unit

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

### Encumbrances

Dimensions	mm	1200x1200x2150
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**APPLICATIONS:**  Food, chemical and pharmaceutical industry   **Sandblasting**   **Glass**   **Mechanical industry**   **Steel mills and foundries**



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## SUCTION UNIT

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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

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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

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The material is unloaded directly into big-bags.