SILOVAC 600 Zone 22 Range

INDUSTRIAL VACUUMS







- 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
- Compliance to EN IEC 62784:2018 for zone 22

Suction Unit		
ATEX Zones		Zone 22 Powders
Power supply	V - Hz	400 - 50 3~
Zone use		Hazardous location
EX Category		CE EX 22 1/3D
Power	kW	12,6 - 21,3
Maximum depression	mmH2O	4.500 - 2.900
Maximum air flow rate	m3/h	1.350 - 1.180
Limiting valve		Integrated
Nozzle	mm	100

Filter Unit		
Primary filter		Pockets
Surface area - diameter	cm^2-mm	70.000 - 560
Filter media - class	IEC 60335-2-69	M PTFE ANT
Cleaning system		Self-clean
Absolute filter		Cartuccia Hepa H14 52.000 cm2

Collection unit		
Capacity	lt	600
Cyclonic unit		Integrated
Exhaust system		Butterfly valve

Encumbrances		
Dimensions	cm	Low position 135x135x250h - Highest position 13
Weight	kg	1015 - 1125

APPLICATIONS: Steel mills and foundries · CEMENT PLANTS · Sandblasting · Food, chemical and pharmaceutical industry · Mechanical industry

DUPUY

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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.

FILTER 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

All data mentioned in this document may change without notice.
Tutti i dati in questo documento potrebbero variare senza preavviso.

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