

# INDUSTRIAL VACUUM CLEANERS

Dimensions

cm

125x140x250h - 125x140x400h



## Silovac 600 AF ATEX - Industrial vacuum cleaner Silos - ATEX EXPLOSION PROOF



CEMENT WORKS AND CONSTRUCTION INDUSTRY



CHEMICAL-PHARMACEUTICAL



STEELWORKS AND FOUNDRIES



SAND BLASTING



- ✓ Vacuum Silos designed to suction large quantities of material and discharge directly into big-bag or collection barrels.
- ✓ Material discharge by tilting flap, butterfly valve, guillotine system.
- ✓ Quick and simple big-bag bagging system.
- ✓ With forklift intakes for easy transport.
- ✓ 600lt collection capacity with maximum level detector
- ✓ High surface dust filter for fine dust with automatic shaker and compressor
- ✓ Mounted on telescopic chassis for easy transport



### SUCTION UNIT

Atex zones		22
Marking		Ex II 3D Ex tc IIIB T135°C X Dc
Voltage	V - Hz	400 - 50
Power	kW	18,5
Max waterlift	mmH2O	4.400
Continuous water lift	mmH2O	3.200
Max air flow	m³/h	1.350
Suction inlet	mm	100
Butterfly discharge valve	mm	250



### FILTER UNIT

Filter Type		Star
H14 Upstream absolute filters		H14 Standard (U15 optional)
Surface - Diameter	cm²-mm	70.000 - 560
Material - Efficiency	IEC 60335-2-69	M - PTFE ANT
Air load on filter	m³/m²/h	190
Cleaning system		SELF CLEAN



### COLLECTION UNIT

Discharge system		Big-bag system
Capacity	lt.	600
Floating device		Yes



### VOLUME



## SUCTION UNIT

Suction is developed by a powerful side channel blower with direct coupling between the fan and the motor and no transmission system, making it completely maintenance free and fit for continuous duty.



## FILTER UNIT

The filter is equipped with a semi-automatic cleaning system controlled by the operator. A pneumatic cylinder shakes the bag filter in rapid, vertical movements causing the accumulated dust and material to fall off. This way, the operator can decide when to switch off the unit and clean the filter without being tied to pre-set cleaning times and cycles.



## COLLECTION UNIT

The material is discharged directly into big-bags.



## OPTIONALS

- ✓ LOC/REM remote control
- ✓ Radio control ( Start and Stop) including 2 remotes
- ✓ Mechanical electric vibrator on the hopper cone
- ✓ Explosion safety panel DN400
- ✓ Explosion relief valve with flame absorber ENV420
- ✓ Cut-off isolation flap valve Atex Z22 D100