

## INDUSTRIAL VACUUM CLEANERS

### Silovac 600 HV - Three phase vacuuming silos for large quantities - INDUSTRIAL THREE PHASE



CEMENT WORKS AND CONSTRUCTION INDUSTRY



STEELWORKS AND FOUNDRIES



METALWORKING



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

Voltage	V - Hz	400 - 50
Power	kW	20
Max waterlift	mmH2O	6.000
Continuous water lift	mmH2O	4.500
Max air flow	m <sup>3</sup> /h	1.100
Suction inlet	mm	100
Butterfly discharge valve	mm	250



#### FILTER UNIT

Filter Type	Star	
H14 Upstream absolute filters	H14 Standard (U15 optional)	
Surface - Diameter	cm <sup>2</sup> -mm	70.000 - 560
Material - Efficiency	IEC 60335-2-69	M - PTFE
Air load on filter	m <sup>3</sup> /m <sup>2</sup> /h	160
Cleaning system	SELF CLEAN	



#### COLLECTION UNIT

Discharge system	Big-bag system	
Capacity	lt.	600
Floating device	No	



#### VOLUME

Dimensions	cm	125 x 140 x 250h
Weight	kg	



## 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