



DHV 22 COMPACT - HIGH VACUUM



STEELWORKS AND FOUNDRIES



CEMENT



POWER PLANTS



HEAVY INDUSTRY



- ✓ Sturdy vacuum cleaner for intensive use
- ✓ Powerful lobe pump with electric motor
- ✓ High performances and long-lasting equipment
- ✓ High efficiency filtration
- ✓ Semi-automatic filter cleaning system
- ✓ Easy to handle
- ✓ Detachable container with fork lift intakes which make it easy to handle
- ✓ Discharge system by means of a valve
- ✓ Low noise level
- ✓ Great autonomy of the system



SUCTION UNIT

Voltage	V - Hz	400 - 50
Power	kW	22
Electrical protection	IP	55
Max waterlift	mmH2O	5000
Max air flow	m ³ /h	1300
Suction inlet	mm	100



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	70.000 - 560
Material - Efficiency	IEC 60335-2-69	M - PTFE
Cleaning system		SELF CLEAN
Secondary filter		Safety cartridge
Surface	cm ²	70.000



COLLECTION UNIT

Capacity	lt.	1000
Discharge type		Forkable container



VOLUME

Dimensions	cm	160x152x253h
Weight	kg	1260



SUCTION UNIT

The suction unit is provided with a volumetric vacuum pump with tri-lobe rotors which can reach very high airflow and waterlift levels

A safety filter guarantees the maximum protection for both motor and pump



FILTER UNIT

The large surface star filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

The filter is equipped with a semiautomatic cleaning system handled by the operator. A pneumatic cylinder shakes the star filter by a vertical shaking movement which causes the detachment of dusts and wastes from the filter. This way, the operator will be able to decide without any limits when to turn the vacuum cleaner off and to clean the filter. The vacuum cleaner is equipped with a compressor which guarantees the autonomy of the machine.



COLLECTION UNIT

The unit is manufactured with thick painted steel for improved sturdiness and long-lasting lifetime

The material is collected into a capacious and detachable container, which is easy to handle thanks to fork lift intakes

The material is safely and quickly discharged by means of a lever
Forklift intakes for easy discharge.



OPTIONALS

- ✓ ATEX CERTIFICATION
- ✓ ABSOLUTE HEPA FILTER
- ✓ PNEUMATIC AND AUTOMATIC FILTER CLEANING SYSTEM