

## DG VL 75 - INDUSTRIAL THREE PHASE



CEMENT



CERAMICS AND POTTERY INDUSTRIES



BUILDING AND CONSTRUCTION



WOOD



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Largest surface filter in its category
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Low noise level
- ✓ Star-triangle switchboard
- ✓ Fork lift intakes included
- ✓ Filter-shaking cleaning system with compressor for Self Clean



### SUCTION UNIT

Voltage	V - Hz	400 - 50 3~
Power	kW	7,5
Electrical protection	IP	55
Max water lift	mmH <sub>2</sub> O	4.500
Max air flow	m <sup>3</sup> /h	750
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	72



### FILTER UNIT

Filter Type	Cartridge	
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m <sup>3</sup> /m <sup>2</sup> /h	71
Cleaning system	SELF CLEAN	



### COLLECTION UNIT

Capacity	l	160
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### VOLUME

Dimensions	cm	170x74x213h
Weight	kg	360



## SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.

A pressure relief valve protects the motor, providing additional air for cooling.



## FILTER UNIT

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

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.

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 vacuumed material is collected into a wheeled steel container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ EARTH GROUNDING
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ REMOTE CONTROL
- ✓ FLOOR FIXED SYSTEM, WITHOUT WHEELS