



## DG 30 EXP PN - INDUSTRIAL THREE PHASE



CEMENT



BUILDING AND CONSTRUCTION



ELECTRONICS



WINE



PACKAGING



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Vacuum gauge to detect filter clogging
- ✓ Reduced downtime of machine tools
- ✓ High filtration efficiency
- ✓ Possibility of integration on other vacuum cleaners
- ✓ Full customization for specific needs
- ✓ Integrated automatic filter cleaning system



### SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	3
Electrical protection	IP	65
Max water lift	mmH <sub>2</sub> O	3200/2700
Max air flow	m <sup>3</sup> /h	318
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	70



### FILTER UNIT

Filter Type	Cartridge	
Surface - Diameter	cm <sup>2</sup> -mm	57.000
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Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
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Air load on filter	m <sup>3</sup> /m <sup>2</sup> /h	56
Cleaning system	Automatic PN	



### COLLECTION UNIT

Discharge system		
Transport capacity	kg/h	100



### VOLUME

Dimensions	cm	66x118x187h
Weight	kg	136



## 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.



## FILTER UNIT

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

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

Cartridges are automatically cleaned by a pneumatic reverse pulse cleaning system. The system is automatic, timed and adjustable. A compressor can be installed (on demand) on the back frame to guarantee the required air supply.



## COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces.

The detachable AISI 304 steel collection tank has a quick release system for the rapid disposal of the vacuumed material.



## OPTIONALS

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