



# DG 30 EXP Z22 - ATEX EXPLOSION PROOF



FOOD INDUSTRY



ALUMINUM AND PVC



METALWORKING



VEHICLE - TRANSPORT CLEANING



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Vacuum gauge to detect filter clogging

- ✓ Reduced downtime of machine tools
- ✓ Atex certified for Zone 22
- ✓ Earth grounding



## SUCTION UNIT

Atex zones	ATEX Z22	
Marking	Ex II 3D Ex tc IIIB T135°C X Dc	
Voltage	V - Hz	400-50 3~
Power	kW	3
Electrical protection	IP	55
Max water lift	mmH <sub>2</sub> O	3000
Max air flow	m <sup>3</sup> /h	300
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	71



## FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm <sup>2</sup> -mm	20.000-500
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	Manual	



## COLLECTION UNIT

Capacity	lt	100
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## VOLUME

Dimensions	cm	66x118x145h
Weight	kg	125



## 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.

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



## COLLECTION UNIT

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
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ REMOTE CONTROL
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST