DG 300 SE Z22 - ATEX EXPLOSION PROOF

STEELWORKS AND FOUNDRIES

FOOD INDUSTRY

AVIATION

- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Atex certified for Zone 22
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Complete steel construction
- ✓ Large surface antistatic filter
- ✓ Suitable for high specific weight material
- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Star-triangle switchboard for progressive motor start
- ✓ Integrated filter cleaning system
- ✓ Vacuum gauge to detect filter clogging

SUCTION UNIT

Atex zones		22
Marking		3D
Voltage	V - Hz	400 - 50
Power	kW	20
Electrical protection	IP	65
Max waterlift	mmH2O	6000
Max air flow	m³/h	1100
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	77

FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	120.000-780
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Automatic AUT

COLLECTION UNIT

Capacity	lt.	220

VOLUME

Dimensions	cm	92x220x220h
Weight	kg	760

All data mentioned in this document may change without notice.

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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.

FILTRATION UNIT

The filter is equipped with an automatic filter shaking system. A pneumatic cylinder periodically shakes the star filter by a vertical shaking movement which causes the detachment of dusts and wastes from the filter. The frequency and length of this system can be adjusted by means of a timer placed inside the elecrical panel
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.

COLLECTION UNIT

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

OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ REMOTE CONTROL
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ FORK LIFT INTAKES
- ✓ EARTH GROUNDING
- ✓ REVERSE PULSE FILTER CLEANING

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