TS HD 125 Z22 - ATEX EXPLOSION PROOF

FOOD INDUSTRY

CEMENT

BUILDING AND CONSTRUCTION

ELECTRONICS

WINE

- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Star-triangle switchboard
- ✓ Easy filter replacement
- ✓ Atex certified for Zone 22
- ✓ Earth grounding
- ✓ Fork lift intakes included
- ✓ SELF CLEAN filter-shaking cleaning system

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	12.5
Electrical protection	IP	65
Max water lift	mmH□O	4000
Max air flow	m³/h	1100
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	78

FILTER UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	70.000-560
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		SELF CLEAN

COLLECTION UNIT

Capacity	lt	160

VOLUME

Dimensions	cm	180x77x200h
Weight	kg	220

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

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 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.

COLLECTION UNIT

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

OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ REMOTE CONTROL
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST

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