



TS HD 185 Z22 - ATEX EXPLOSION PROOF



CEMENT



CHEMICAL-PHARMACEUTICAL



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
- ✓ Hour meter for planned maintenance
- ✓ ATEX certified for Zone 22
- ✓ Large surface antistatic filter
- ✓ Earth grounding
- ✓ Full customization for specific needs
- ✓ Fork lift intakes included



SUCTION UNIT

Atex zones	ATEX Z22	
Marking	Ex II 3D Ex tc IIIB T135°C X Dc	
Voltage	V - Hz	50
Power	kW	18,5
Electrical protection	IP	65
Continuous water lift	mmH ₂ O	3200
Max air flow	m ³ /h	1350
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	82



FILTER UNIT

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



COLLECTION UNIT

Capacity	lt	160
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VOLUME

Dimensions	cm	180x77x200h
Weight	kg	265



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is 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

An antistatic polyester star filter is placed inside the steel filter chamber. This filter protects the suction unit by preventing any spark which might be caused by electrostatic discharge.

A HEPA filter is included as standard (99,995% on 0,18 micron, class H) which holds the finest dusts and guarantees the cleanliness of the leaving air.

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 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.

Forklift intakes for easy discharge.



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ REVERSE PULSE FILTER CLEANING
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ REMOTE CONTROL
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST