



## TS 75 AF PN Z22 - ATEX EXPLOSION PROOF



RUBBER



WOOD



FINISHING



- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging
- ✓ Star-triangle switchboard
- ✓ Atex certified for Zone 22
- ✓ Earth grounding
- ✓ High air flow value
- ✓ Long lasting



### 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	7,5
Electrical protection	IP	55
Max water lift	mmH2O	2700
Max air flow	m³/h	700
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74



### FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm²-mm	49.000 - 500
Material - Efficiency	IEC 60335-2-69	Polyester - L
Cleaning system	Automatic	



### COLLECTION UNIT

Capacity	lt.	100
----------	-----	-----



### VOLUME

Dimensions	cm	66x118x175h
Weight	kg	170



## 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

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.

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

The filter is cleaned by an automatic system with backwash of the chambers. Compressed air is provided by an onboard compressor.



## 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
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ FILTER SHAKER WITH PUSH BUTTON
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ REMOTE CONTROL
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST