



**MTL 202 DS EX 1/3D M - ATEX EXPLOSION PROOF**



FOOD INDUSTRY



CEMENT



ELECTRONICS



PACKAGING



- ✓ Largest surface filter in its category
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank
- ✓ Motor with very long service life
- ✓ Dustop filter cleaning system

**SUCTION UNIT**

Atex zones		ATEX Z20/22
Marking		Ex II 1/3D Ex h IIIC T160°C Da/Dc
Voltage	V - Hz	230 - 50 1~
Power	kW	2,2
Electrical protection	IP	65
Max water lift	mmH2O	1.800
Max air flow	m³/h	250
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	70

**FILTER UNIT**

Filter Type		Cartridge
Surface - Diameter	cm²-mm	30.000 - 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Dustop
2nd stage filter		HEPA

**COLLECTION UNIT**

Collection tank		AISI304 Stainless steel
Capacity	lt.	20

**VOLUME**

Dimensions	cm	52x48x120h
Weight	kg	64



## 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.



## 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 the Dustop, an integrated reverse pulse system: by closing the suction inlet and opening a flap in the filter chamber, the airflow generated by the motor cleans the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.

An antistatic polyester cartridge 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.



## COLLECTION UNIT

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.

The vacuumed material is placed inside an AISI304 stainless steel drop-down bin mounted on wheels, which makes it possible to dispose easily and safely of the vacuumed material.



## OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER