

# MTL 201 1/2D - ATEX EXPLOSION PROOF



CEMENT



CERAMICS AND POTTERY INDUSTRIES



- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Complete steel construction
- ✓ 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	CE EX 1/2D	
Voltage	V - Hz	115/230 - 50/60 1~
Power	kW	1,1
Max water lift	mmH <sub>2</sub> O	2250
Max water lift	mmH <sub>2</sub> O	2250
Max air flow	m <sup>3</sup> /h	215
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	74
Marking	II 1/2D Ex h tb IIIC T80°C (Int) / II 1/2D Ex t95°C (ext) Da/Db	

## FILTER UNIT

Filter Type	Cartridge	
Surface - Diameter	cm <sup>2</sup> -mm	30.000-360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	Dustop	

## COLLECTION UNIT

Transport capacity	kg/h	20
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## VOLUME

Dimensions	cm	57x48x115h
Weight	kg	32

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## SUCTION UNIT

The motor head is equipped with a Brushless motor: the lack of carbons allows the use of the machine even in explosive hazardous areas. The motor is protected by a series of filters and it is turned on by an independent switch placed on a soundproofed and robust metal motor head.

The motor head includes a vacuum gauge and tension power lights as standard.



## 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.

The antistatic polyester cartridge filter placed inside the filter chamber guarantees a large filter surface and prevents the clogging of the filter.



## COLLECTION UNIT

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.