

# MTL 301 1/2D - ATEX EXPLOSION PROOF



ADDITIVE MANUFACTURING



- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Earth grounding
- ✓ Easy to clean and to maintain
- ✓ Accessory kit included
- ✓ Maintenance-free suction unit, 20,000 running hours guaranteed



## 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	2.250
Max water lift	mmH <sub>2</sub> O	2.250
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		Star
Surface - Diameter	cm <sup>2</sup> -mm	4.000 - 360
Material - Efficiency	IEC 60335-2-69	ANT Polyester - M - 1 μm



## COLLECTION UNIT

Transport capacity	kg/h	40
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## VOLUME

Dimensions	cm	44x42x81h
Weight	kg	26



## 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

The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

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.



## 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.