



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 ₂ O	2.250
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Max air flow	m ³ /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 ² -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

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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

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.