



# MTL 301 1/3D - ATEX EXPLOSION PROOF



ADDITIVE MANUFACTURING



- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Earth grounding
- ✓ Easy to clean and to maintain
- ✓ Accessory kit included
- ✓ Stainless steel AISI304 collection tank



## SUCTION UNIT

Atex zones	ATEX Z20/21 Z1-2	
Atex zones		
Voltage	V - Hz	230 - 50/60 1~
Power	kW	1,15
Max water lift	mmH <sub>2</sub> O	2500
Max air flow	m <sup>3</sup> /h	180
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	74
Marking	II 1/3D Ex h tb IIIC T80°C (Int) /T95°C (ext) Da/Dc	



## 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	44x42x84h
Weight	kg	26



## SUCTION UNIT

The suction is made by a carbon brush by-pass motor which is activated by an independent switch placed inside a robust metal motor head. The motor head is soundproofed by sound-absorbent material.



## 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.

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.



## 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.