



MTL 451 BL - ATEX EXPLOSION PROOF



FOOD INDUSTRY



ELECTRONICS



OPTICS



PLASTICS



- ✓ Complete steel construction
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank
- ✓ Earth grounding
- ✓ Easy to clean and to maintain
- ✓ ATEX-certified Z22
- ✓ Maximum safety thanks to the three levels of air filtration
- ✓ High efficiency filtration
- ✓ Accessory kit included



SUCTION UNIT

Atex zones		ATEX Z22
Marking		Ex II 3D Ex tc IIIB T135°C X Dc
Voltage	V - Hz	230 - 50 1~
Power	kW	1,1
Max water lift	mmH ₂ O	2.250
Max water lift	mmH ₂ O	2.250
Max air flow	m ³ /h	215
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	20.000 - 420
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Manual



COLLECTION UNIT

Collection tank		AISI304 Stainless steel
Capacity	lt	45



VOLUME

Dimensions	cm	58x63x135h
Weight	kg	55



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. It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



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.



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ STAINLESS STEEL CHAMBER