

Single Phase Industrial Vacuum

MTL 301 1/2D Z21 IECEx Certified

The 301 1/2D Z21 industrial vacuum cleaner is characterized by its compactness, its outstanding ease of handling and exceptional filtration provided by an antistatic Class M polyester filter. It is the safest and most compact Z21 certified vacuum cleaner on the market when it comes to dealing with fine dust. Maximum performance and safety is guaranteed, even when working in explosive atmospheres.



SUCTION UNIT

The motor head is equipped with a Brush-less 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 sound-proofed and robust metal motor head. The motor head includes a vacuum gauge and tension power lights as standard.



FILTRATION UNIT

A vacuum gauge enables constant checking of the state of the filter and detection of 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 collected inside a stainless steel, wheeled and detachable 40l container, which guarantees an easy and secure discharge. It is possible to use disposable bags, the machine requires the exclusive use of specific disposable bags.

Main Features:

- AISI304 stainless steel container
- Polyester, antistatic class M with Dustop.
- Brushless motor



MODELS	MTL 301 1/2D Z21
Power (V - Hz)	230– 50
Power (kW)	1.1
Dry Primary Filter	Star
Max Waterlift (mmH2O)	2250
Max Airflow (m3/h)	215
Suction Inlet (mm)	50
Noise Level (EN ISO 3744) - dB(A)	74
Filter Surface (cm2)	11,000
Surface Diameter (cm2-mm)	4,000-360
Material - Efficiency (IEC 60335-2-69)	Polyester - Antistatic M
Filter Grade	H14 with 99,995% efficiency at 0,18µm particles
Secondary Filter	HEPA
Collection Tank	Stainless Steel
Capacity (Litres)	40
Dimensions (cm)	44 x 42 x 84h
Weight (kg)	26