

ATEX ZONE 22 • DELFIN • MOBILE

Delfin MTL301 1/3D

Compact ATEX Zone 22 certified industrial vacuum for dry combustible dust. 1.1 kW side channel blower delivering 2,500 mmH₂O vacuum and 180 m³/h airflow. 40 L stainless steel AISI 304 container. Class M star filter with H14 HEPA absolute filter as standard. EN 17348:2022 compliant. IECEx certified. IP55.

- ATEX II 1/3D — Zone 20 internal / Zone 22 external
- EN 17348:2022 compliant
- IECEx + IMQ third-party certified
- H14 HEPA absolute filter as standard
- Maintenance-free side channel blower



Delfin MTL301 1/3D ATEX Zone 22 industrial vacuum

ATEX II 1/3D Ex h tb IIIC T80°C (Int) / T95°C (ext) Da/Dc · EN 17348:2022 — DRY TYPE DUST COLLECTOR · IECEx certified · IMQ third-party verified

Key Data	
Power	1.1 kW
Airflow	180 m ³ /h
Vacuum	2,500 mmH ₂ O
Container	40 L AISI 304
Weight	26 kg
ATEX Zone	Zone 22 (1/3D)

Product Description

The Delfin MTL301 1/3D is a compact mobile industrial vacuum certified for ATEX Zone 22 under category 1/3D. This means the internal part of the machine carries Zone 20 protection (the highest safety level for dust), while the external construction is rated for Zone 22 environments.

Powered by a 1.1 kW maintenance-free side channel blower, it delivers up to 2,500 mmH₂O vacuum and 180 m³/h airflow. The collection container holds 40 L and is made from stainless steel AISI 304 with a Ø50 mm inlet.

ATEX marking: II 1/3D Ex h tb IIIC T80°C (Int) / T95°C (ext) Da/Dc. Certified under ATEX Directive 2014/34/EU in compliance with EN 17348:2022 for dry type dust collectors. IECEx certified and IMQ third-party verified. The H14 HEPA absolute filter provides 99.995 % particle retention at MPPS.

Parameter	Value
Motor type	Side channel blower
Power	1.1 kW
Voltage	230 V, 50/60 Hz, single phase
Max airflow	180 m ³ /h

Parameter	Value
Max vacuum	2,500 mmH ₂ O
Inlet diameter	Ø50 mm
Collection container	40 L, AISI 304
Pre-filter	Star filter, Polyester ANT M (IEC 60335-2-69)
HEPA filter	H14 standard (99.995 % at MPPS)
Weight	26 kg
IP rating	IP55
ATEX marking	II 1/3D Ex h tb IIIC T80°C (Int) / T95°C (ext) Da/Dc
ATEX category	1/3D — Zone 20 internal / Zone 22 external

Options

The MTL301 1/3D is available with the following optional equipment:

- **Spare filter set** — to reduce downtime during filter replacement
- **Antistatic accessory kit** — hose and tubes in antistatic design
- **Specialised nozzles** — for specific applications
- **Extended warranty programme** — contact us for details

Compliance

The MTL301 1/3D meets ATEX Directive 2014/34/EU and is tested in accordance with EN 17348:2022 for dry type dust collectors in explosive atmospheres. IECEx certification ensures international recognition.

CONTACT

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