

WHITE LINE • DELFIN • MOBILE INDUSTRIAL VACUUM

Delfin MTL 4533/4534/4535

Heavy-duty compact industrial vacuum for dust and solid particles. Three motor variants from 2.2 to 4.0 kW delivering up to 420 m³/h airflow. Detachable 45 L tank, antistatic polyester filter class M with manual cleaning, and integrated pressure relief valve. Painted steel construction. IP65.

- Three power levels — 2.2 / 3.0 / 4.0 kW matched to your needs
- Up to 3,200 mmH₂O waterlift — handles tightly packed filters
- Detachable 45 L tank — quick emptying without tools
- IP65 — full dust and water jet protection
- Antistatic class M filter with manual cleaning
- Optional H14 absolute filter — 99.995% on MPPS



Delfin MTL 4533/4534/4535 compact industrial vacuum for dust and solid particles

CE — Machinery Directive 2006/42/EC · EN 60335-2-69 · IP65 · Class M antistatic filter · Optional H14 absolute filter

Quick facts	
Application	Dust and solids
Power	2.2 / 3.0 / 4.0 kW
Airflow	318 / 318 / 420 m³/h
Waterlift	Up to 3,200 mmH ₂ O
Noise	69 dB(A)
Tank	45 L (detachable)
IP rating	IP65
Weight	80 / 85 / 90 kg
Mobility	Mobile with wheels

What is the Delfin MTL 4533/4534/4535?

The Delfin MTL 4533/4534/4535 is a series of three heavy-duty, compact industrial vacuums engineered for the collection of dust and solid particles in production environments. All three models share an identical chassis with painted steel construction, a 45 L detachable tank and an 80 mm suction inlet, but differ in motor output: the MTL 4533 delivers 2.2 kW, the MTL 4534 delivers 3.0 kW and the MTL 4535 delivers 4.0 kW.

The antistatic polyester filter is rated class M per IEC 60335-2-69 and configured as a star/bag filter with 20,000 cm² surface area and a 420 mm diameter. The manual filter cleaning system makes it easy to maintain full suction performance without opening the machine. An integrated pressure relief valve protects the motor from overload, and the IP65 rating ensures full protection against dust ingress and water jets.

Three models — one chassis: The MTL 4533, MTL 4534 and MTL 4535 share identical construction and outer dimensions (58 × 93 × 116 cm). Choose the variant based on the required airflow and waterlift for your application. The MTL 4535 delivers the highest airflow (420 m³/h) for larger collection tasks.

Technical specifications

Parameter	MTL 4533	MTL 4534	MTL 4535
Voltage	400 V, 50 Hz, 3-phase	400 V, 50 Hz, 3-phase	400 V, 50 Hz, 3-phase
Power / current	2.2 kW / 4.6 A	3.0 kW / 6.5 A	4.0 kW / 8.4 A
IP rating	IP65	IP65	IP65
Pressure relief valve	Included	Included	Included
Max waterlift / cont.	2,600 / 1,900 mmH ₂ O	3,200 / 2,600 mmH ₂ O	3,200 / 2,600 mmH ₂ O
Max airflow	318 m ³ /h	318 m ³ /h	420 m ³ /h
Suction inlet	Ø80 mm	Ø80 mm	Ø80 mm
Capacity	45 L	45 L	45 L
Noise level (EN ISO 3744)	69 dB(A)	69 dB(A)	69 dB(A)
Dimensions (L×W×H)	58 × 93 × 116 cm	58 × 93 × 116 cm	58 × 93 × 116 cm
Weight	80 kg	85 kg	90 kg
Primary filter	Star/bag — Polyester ANT M (IEC 60335-2-69) — 20,000 cm ² , Ø420 mm		
Filter cleaning	Manual		
Air load on filter	159 m ³ /m ² /h	159 m ³ /m ² /h	210 m ³ /m ² /h
HEPA option	H14 — 27,100 cm ² — 99.995% on MPPS (EN 1822-5)		
Construction	Painted steel — stainless steel optional		
Tank	45 L detachable		

CE marking based on: EN 60335-2-69 • IEC 60335-2-69 • Machinery Directive 2006/42/EC • Low Voltage Directive 2014/35/EU • EMC Directive 2014/30/EU

Options

The MTL 4533/4534/4535 can be configured with a wide range of options to adapt the machine to specific environmental and process requirements.

- **H14 absolute filter (HEPA)** — secondary filter with 99.995% efficiency on MPPS
- **H14 absolute filter with stainless steel heightening ring** — HEPA filter with stainless steel mounting ring
- **Class M filter with PTFE coating** — enhanced filtration media
- **Nomex heat-resistant filter** — for applications up to 200 °C
- **Activated carbon filter** — for odour reduction and gas filtration
- **Activated carbon filter + absolute filter** — combined gas and particle filtration
- **Stainless steel tank** — AISI 304 for demanding environments
- **Full stainless steel construction** — both tank and filter chamber in AISI 304
- **Cyclone for filter protection** — significantly extends filter service life
- **Earth grounding** — ESD protection against electrostatic charge
- **24 V electrical panel with remote control (LOC/REM)** — external start/stop

- **Spark Trap anti-spark system** — for combustible particles
 - **Steel ring for disposable bags** — quick and hygienic bag handling
 - **Internal mirror polishing of tank** — smooth surface for easy cleaning
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CONTACT

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