



INDUSTRIAL VACUUM SOLUTIONS FOR

The Food Industry

High-performance systems designed to ensure hygiene, safety, and regulatory compliance

D E L F I N
FOR A DUST-FREE WORLD

GLOBAL EXPERTISE, TRUSTED BY THE WORLD'S LEADING FOOD MANUFACTURERS

With a well-established presence in major food industry facilities worldwide, Delfin offers a wide range of reliable, high-performance vacuum and pneumatic conveying solutions, tailored to meet the specific production needs of each customer.

Our technology is designed to adapt flexibly to the many segments of the food sector — from milling and confectionery to the processing of spices and flavorings, industrial bakeries, coffee roasting plants, and many other applications. Moreover, with ATEX-certified configurations available, our systems can operate safely even in hazardous environments (zones 21 and 22), ensuring maximum protection and full regulatory compliance. Good food starts in clean, safe, and innovative environments — and that's why our integrated systems are engineered to support efficiency, hygiene, and safety at every stage of the production process.

Main Features



EXCLUSIVE DUST TIGHT PROTECTION METHOD



IEC 60335-2-69
EN 17348 NEW STANDARDS COMPLIANCE



DOUBLE STAGE FILTRATION SYSTEM



STAINLESS STEEL REMOVABLE TANK ON REQUEST



FOOD GRADE ACCESSORY KIT AVAILABLE



EXCELLENCE WITHOUT COMPROMISE

Certified Food Grade Components

Our vacuum and pneumatic conveying systems are built using materials suitable for food contact and compliant with CE and FDA certifications.

GMP Finishing for Maximum Hygiene

We design solutions with sanitary finishes and mirror-polished surfaces, fully compliant with Good Manufacturing Practice (GMP) standards.

Certifications for Hazardous Environments

ATEX: for classified zone 21 and 22 applications

ACD: safe extraction of combustible dust in non-classified areas

IECEX: for hazardous areas in international markets

ETL Intertek/UL: for the North American market

Certifications



OUR FOOD BEST-SELLING SOLUTIONS

MTL 301 Z22
General cleaning, accidental spills



MTL 4535 Z22
Use in production areas



DM2 Z21
Use in ATEX classified zones



MTL 452 ACD
Use in pre-production areas



TECHNICAL DATA	MTL 301 Z22	MTL 4535 Z22	DM2 Z21	MTL 452 ACD
ATEX Zone / Marking	Hazardous location - EX 22 1/3D II 1/3D Ex tb III C T80°C (int) / T95°C (ext) Da/ Dc	ZONE 22 - 3D (20 int/22 xt) II 3D Ex h tc III C T80°C (int) / T165°C (ext) Dc	Hazardous location - EX 21 1/2D II 1/2D Ex tb III C T80°C (int) / T95°C (ext) Da/ Db	Ordinary Location II 1-D Ex h III C T80°C (int) Da/-
Voltage	230 - 50/60 1~ V-Hz	400 - 50 3~ V-Hz	115/230 - 50/60 1~ V-Hz	230 - 50 1~ V-Hz
Power / Current draw	1,1 kW - 5 A	4,6 kW - 8,4 A	2,2 kW - 16 A	2,2 kW - 10 A
Capacity	40 L	45 L	100 L	45 L
Dimensions	44x42x84h cm	58x110x121h cm	66x83x160h cm	58x70x140h cm
Weight	26 kg	90 kg	87 kg	56 kg
Primary Filter /Surface	Star / 4.000 cm ²	Star / 20.000 cm ²	Star / 30.000 cm ²	Star / 20.000 cm ²
HEPA Filter / Surface	Standard / 11.000 cm ²	Included / 27.100 cm ²	Included / 26.000 cm ²	Included / 20.500 cm ²
Max waterlift	2500 mmH2O	3200 / 2600 mmH2O	2500 mmH2O	2250 mmH2O
Max airflow	180 m3/h	420 m3/h	180 m3/h	430 m3/h
Accessory Kit	FI.0469.0000 (1 disposable bag) TA.0527.0000 Included	-	TA.1305.0000 Included	TA.0229.0000 Included

CUSTOMIZED SOLUTIONS AVAILABLE UPON REQUEST



**CLEAN HIGH,
CLEAN SAFE
EXCLUSIVE
OVERHEAD KIT**



- ✔ ATEX certified for use in classified hazardous zones.
- ✔ Extension up to 12 meters in height, with 1.6 m extension rods.
- ✔ Ultra-light weight and ergonomic, made of carbon fiber for ease of handling.
- ✔ Brushes and conical nozzles available for multiple applications.

Delfin is an Italian company that started as a small family business and has evolved into a global specialist in industrial dust management. For over 40 years, Delfin has been developing innovative solutions for the vacuuming, filtration, and conveying of materials within industrial processes. The company combines entrepreneurial vision with strong managerial leadership, led by a team of young managers alongside the founding family. With more than 200 employees and a presence in over 80 countries, Delfin exports 80% of its production worldwide. Its goal is to transform dust from a problem into an opportunity.



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