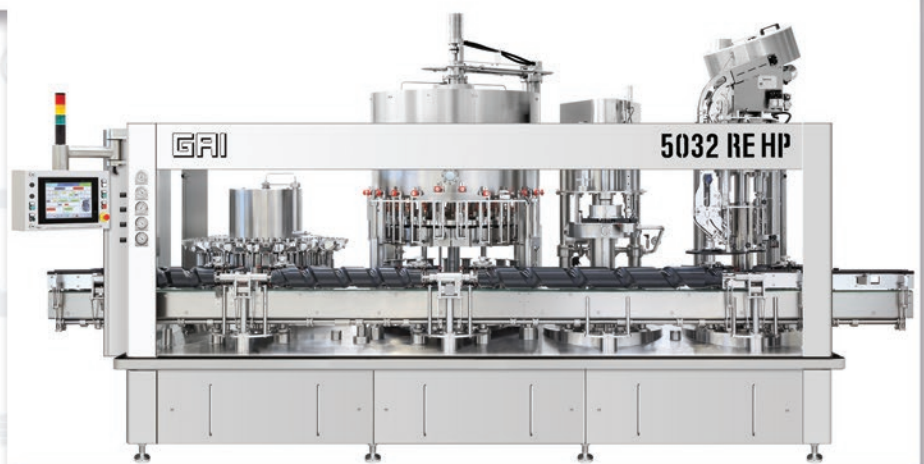




Customized suction solutions for automatic machines and OEMs

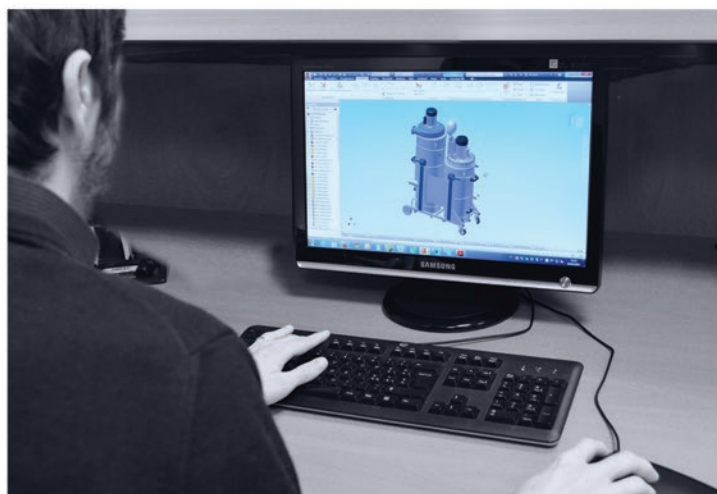




Delfin, infinite vacuum solutions

Delfin is the specialist of industrial vacuum solutions. We have been engineering tailored solutions for over 20 years, always exceeding the expectations of OEMs all over the world. Our approach is based on customer needs, in order to always reach his productivity, quality and safety requirements.

To choose Delfin means to collaborate with a highly focused, flexible and efficient partner.



Innovative vacuum solutions

Tabletting machines, blistering machines, packaging machines, filling machines, dosing machines...

Wherever there is dust transfer, capsule filling, scraps or trims production, Delfin's suction solutions come into play. Thanks to its specific know-how and its customer-based approach, Delfin engineers effective solutions, always respecting the customer's budget.



Dedicated research and development team

Every project is an opportunity to build strong partnerships with our customers and increase our specific know-how. Our goal is to find always the best solution for our customers' needs.



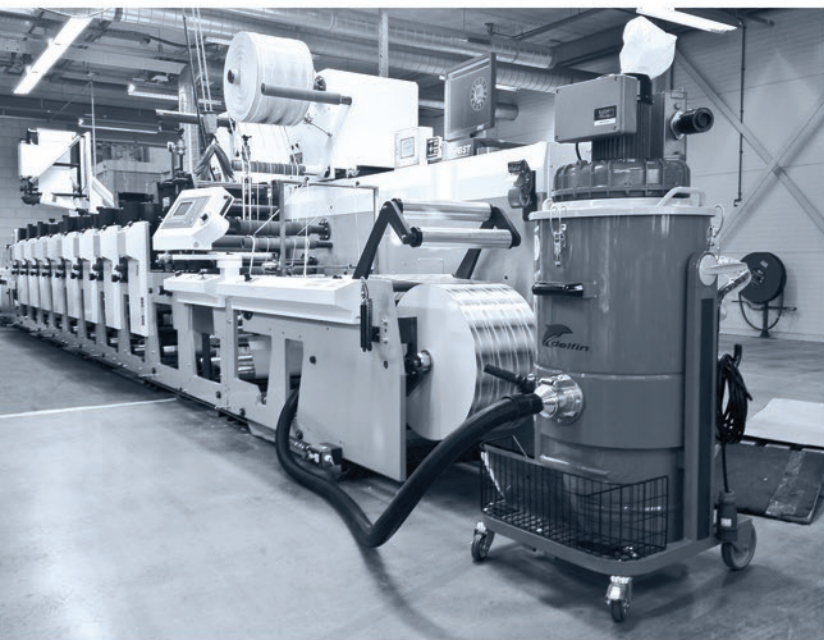
Tailor-made solutions.



Customized industrial vacuums.



Centralized vacuum systems.



Main application fields:

FOOD INDUSTRY



COSMETIC - PHARMACEUTICAL



PACKAGING



ENGINEERING



OPTICS



AERONAUTIC



TEXTILE



CERAMICS



SURFACE PREPARATION



Safety, reliability, efficiency: certificated

Maximum reliability at your service. Always.

This is the real advantage when you choose a Delfin product: efficiency, safety and maximum reliability in every working condition. All Delfin products are Made in Italy, assembled through a certificated ISO 9001 (by DNV GL) process and CE marked.

+ **ATEX certification** (zone 1,2 - 21, 22).

+ certified **L, M, H** cartridge or star filters.

+ epoxy painted (**color customization available**)
or AISI 304-316 stainless steel total construction

+ **UL CSA** certificated side channel blowers





Vacuum solutions for machines in the pharmaceutical, chemical and food industries

Top performances, minimal noise level and modularity are only few of the unique features of Delfin's industrial vacuums for the food, pharma and chemical industries.

+ Minimize contamination risks. Delfin's units prevent product contamination and increase safety for the operators, extracting dust directly where it is produced.

+ Hygiene and safety. Easy to maintain, equipped with efficient filtration systems (with HEPA filters and L-M-H classified filters) and ATEX certified, for operations in explosive atmospheres.

+ Complete customization. Thanks to its construction flexibility Delfin guarantees the possibility to totally customize its units. From the choice of the color, to the complete automation and integration with the automatic machine of the OEM.

Fixed units



Mobile units

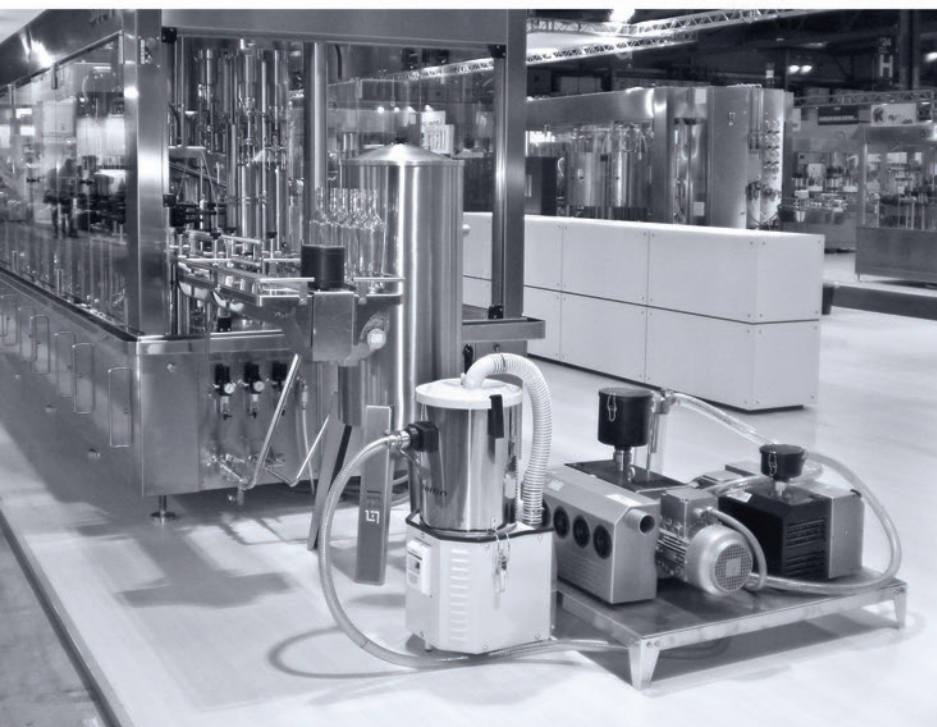


Trims and scraps extractors

Suction solutions for automatic packaging machines

Delfin customizable suction solutions will:

- + **Guarantee production efficiency**, extracting trims and scraps as soon as they are generated.
- + **Reduce maintenance needs** on production machines: continuous recovery of scraps helps to keep processing machines clean and efficient.
- + **Avoid contamination**: the risk of product contamination is minimized thanks to the complete cleaning of the packaging line.



PLUS



MORE OPERATORS AT THE SAME TIME

All Delfin units allow more than one suction inlet (with the correct accessory) at the same time. This feature guarantees the extraction of materials from more suction points simultaneously.

DUST EXTRACTION

Delfin industrial vacuums are the perfect tool to extract flour, coffee, sugar and every kind of dust or powder. The filtering bags can be certified for L or M dust classes and it is possible to add an HEPA filter when the dust is particularly fine or toxic.

ADDED VALUE

Functionality, reliability and low noise level are the real edges that Delfin industrial vacuums will add to your machineries.

COMPLETE INTEGRATION

Modularity and constructive flexibility allow the complete integration of our vacuums with the customers' automatic machines.

PACKAGING



COFFEE, TEA, TOBACCO



BOTTLING



A specialized partner for your vacuum needs

Many OEMs (Original Equipment Manufacturers) all over the world have already chosen Delfin as their preferred partner for their vacuum needs.

This consolidated trust is the consequence of the unique relationship Delfin creates with its customers, constantly investing in flexibility and innovation.

The results of the continuous investments are:

3.000 m²

of internal workshop, equipped with all the most modern tools, in order to provide any kind of **special component**, quickly.

1 internal epoxy coating plant, engineered specifically for industrial vacuums coating, allowing the customization of every component in any requested RAL or special color.

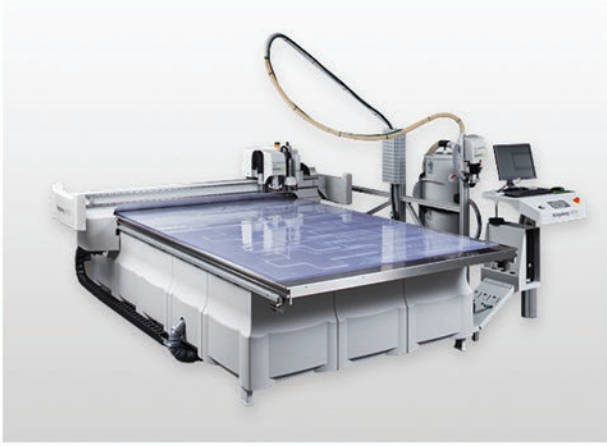
5.000 m²

of spare parts warehouse (including side channel blowers), in order to guarantee the most efficient after-sale assistance on the market.



Flexibility





**Vacuum solutions
for engineering,
automotive,
ceramics and any
other automatic
machine ...**



		DBF 10 / 20 / 30	DBFV 05 / 10 / 20	DBFV 30	AS FIXE	AS10 / AS20 / AS30	AS 70
Voltage	V	400 3~	400 3~	400 3~	400 3~	400 3~	400 3~
Frequency	Hz	50	50	50	50	50	50
Power	kW	0,75 / 1,8 / 2,2	0,4 / 0,75 / 1,8	2,2	3	0,75 / 1,8 / 2,2	5,5
Max continuous depression	mmH ₂ O	2000 / 2300 / 3000	1.750 / 2.000 / 2.300	3000	3000	2.000 / 2.300 / 3.000	3000
Max depression	mmH ₂ O	1400 / 1800 / 2100	1.500 / 1.400 / 1.800	2100	2300	1.400 / 1.800 / 2.100	2200
Airflow	m ³ /h	150 / 250 / 315	100 / 150 / 250	300	350	150 / 250 / 315	550
Filter surface	cm ²	8.000	8.000	12.000	20.000	-	-
Filtration class (primary)	(IEC 60335-2-69)	L	L	L	L	-	-
Filtration class (optional)	(EN1822)	-	-	H14	-	-	-
Bin capacity	lt	25	25	40	75	150	210
Noise level	dB(A)	64 / 68 / 72	62 / 64 / 68	72	75	72	76
Protezione	IP	55	55	55	55	55	55
Dimensions	cm	35 X 70 X 50 h.	41 X 38 X 70 h.	41 X 38 X 90 h.	58 X 55 X 140 h.	45 x 45 x 120 h.	63 x 100 x 125 h.



		202 DS ECO	PHARMA 20 - 30	MISTRAL 3533 / 3534 / 3535	DG30 EXP / DG50 EXP / DG70 EXP
Voltage	V	230 1~ - 400 3~	400 3~	400 3~	400 3~
Frequency	Hz	50	50	50	50
Power	kW	1,8	1,8 / 2,2	2,2 / 3 / 4	2,2 / 4 / 5,5
Max continuous depression	mmH ₂ O	1800	1800 / 2100	3000 / 3000 / 3200	3000 / 3200 / 3000
Max depression	mmH ₂ O	2300	2300 / 3000	2100 / 2700 / 2600	2100 / 2600 / 2200
Airflow	m ³ /h	250	250 / 315	315 / 315 / 420	320 / 420 / 550
Filter surface	cm ²	30.000	30.000	20.000	20.000 / 30.000 / 20.000
Filtration class (primary filter)	(IEC 60335-2-69)	M	M	L	L
Filtration class (optional)	(EN1822)	H14	H14	H14	H14
Bin capacity	lt	20	33	45	100
Noise level	dB(A)	74	67 / 68	76 / 76 / 69	74 / 76 / 76
Protezione elettrica	IP	55	55	55	55
Dimensions	cm	50 X 48 X 120 h.	47 x 69 x 135 h.	100 X 52 X 125 h.	66 X 118 X 140 h.

Discover all our solutions at www.delfinvacuums.it



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