



INDUSTRIAL
VACUUM SOLUTIONS

FOR THE PHARMACEUTICAL INDUSTRY



INTEGRATED SOLUTIONS FOR POWDERS UP TO OEB3

Pag. 4

Specific solutions equipped with HEPA absolute filters to safely contain the finest particles and ensure maximum operator safety for ingredients up to OEB3.



INTEGRATED SOLUTIONS FOR OEB4 AND OEB5 POWDERS

Pag. 8

Specific solutions equipped with HEPA absolute filters to safely contain the finest particles and ensure maximum operator safety for OEB4 and OEB5 ingredients.



MODULAR SOLUTIONS

Pag. 12

Modular solutions for dust and material extraction in the pharmaceutical industry, adaptable to production lines.



FOCUS ON CONTAINMENT SYSTEMS

Pag. 16

Insights into the operation and typical characteristics of containment systems.

CLEAN ROOM SOLUTIONS

Pag. 18

Industrial vacuum cleaners to maintain the highest levels of hygiene by ensuring the purity of air inside cleanrooms up to ISO4.



OTHER SOLUTIONS AND ACCESSORIES

Pag. 22

Industrial vacuum and conveying solutions, conceived and designed to meet the needs of the pharmaceutical industry. From general cleaning to on-board solutions and pneumatic conveying.



CONTAINMENT SOLUTIONS FOR PHARMACEUTICAL POWDER

When working with active pharmaceutical ingredients one of the first aspects to consider is the level of protection of employees from exposure, as these are hazardous dust to health. In addition to the use of appropriate PPE, a dust containment system is the best guarantee of safety for operators during the production and handling of pharmaceutical ingredients.

The maximum sustainable exposure of operators during a working day (OEL) and the hazardousness of the ingredient (OEB) indicate the protective systems to be used to avoid health problems.

OEB	OEL
OEB5 - Highly toxic	< 1 µg/m³
OEB4 - Toxic	1 - 10 µg/m³
OEB3 - Medium toxic	10 - 100 µg/m³
OEB2 - Nearly harmless	100 - 1000 µg/m³
OEB1 - Harmless	1000 - 5000 µg/m³

The Dust Containment series has been designed with flexibility and safety in mind, making it suitable for working with OEB5-rated powders. The wide range of options and construction possibilities make them easy to customise for any production need, in full compliance with the quality standards required by the industry.



WATCH THE VIDEO ON DELFIN CONTAINMENT SYSTEMS



PRESERVES THE HEALTH OF OPERATORS, UP TO OEB5



FULL COMPLIANCE TO GMP STANDARDS

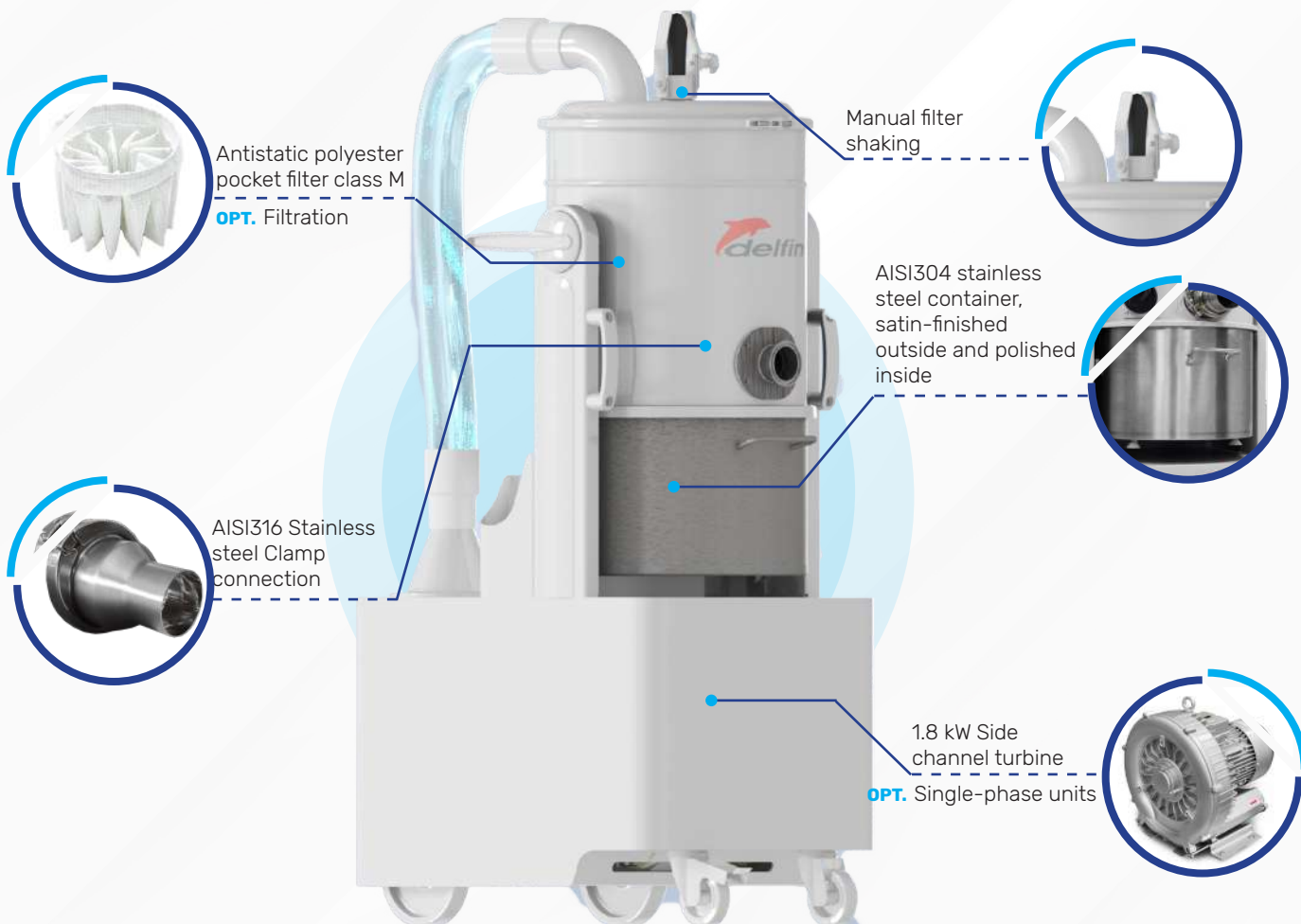


SIMPLE AND SAFE MAINTENANCE

PHARMA 20

FOR INGREDIENTS UP TO OEB3

Compact, quiet and flexible industrial vacuum cleaner for on-board suction of ingredients up to OEB3



OPTIONAL



INOX CONSTRUCTION

XX | Stainless steel filtering chamber AISI304
 XXX | Stainless steel AISI304 chamber and structure



EARTH GROUNDING

MT | Earth Grounding



FILTRATION

FDA | FDA-certified antistatic filter
 H | H14 absolute cartridge filter kit



SINGLE-PHASE UNITS

SP | Single phase vacuum unit



SAFE BAG SYSTEM

SB | Safe bagging system
 FI.0469.0000 | Spare safety bags

PHARMA 40

FOR INGREDIENTS UP TO OEB3

Compact, quiet and flexible industrial vacuum cleaner for on-board suction of ingredients up to OEB3



OPTIONAL



SAFE BAG SYSTEM

SB | Safe bagging system
FI.0469.0000 | Spare safety bags



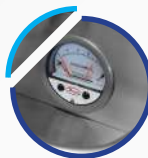
INOX CONSTRUCTION

XX | Stainless steel filter chamber
XX/IP | Internal polished filter chamber
XXX | Filter chamber and frame in stainless steel AISI304



EARTH GROUNDING

MT | Earth Grounding



SENSORS

Magnehelic | For visual filter clogging detection
Photohelic | For visual filter clogging detection and signal transmission
Photohelic Atex 2GD | For visual filter clogging detection and signal transmission



FILTRATION

FDA | FDA certified antistatic filter
H/OUT | Downstream H14 absolute filter
H/IN | Upstream H14 absolute filter kit with bibo system and steel case
HX/IN | Upstream H14 absolute filter kit with bibo system and stainless steel case



SUPPORT SURFACE

SL.5744.7035 | Support surface for filter replacement with BIBO system



INVERTER

ABB INVERTER | ABB Inverter IP66 kW4 Z22

TECHNICAL DATA SHEET



PHARMA 20.18



PHARMA 40.30

PHARMA 40.40

Voltage	V - Hz	400-50 3 ~	400-50 3 ~	400-50 3 ~
Power	kW	1,8	3	4
Max. waterlift	mmH ₂ O	3000	3200	3200
Continuous waterlift	mmH ₂ O	2200	2700	2600
Max. air flow	m ³ /h	270	318	420
Pressure relief valve		Included	Included	Included
Suction inlet, Type ø	mm	Clamp ø50 AISI304	Clamp ø70 AISI304	Clamp ø70 AISI304
Hopper capacity	lt	22	42	42
Noise level	dB(A)	70	69	69
Filter type		Star	Star	Star
Surface - Diameter	cm ² -mm	12.000 - 360	20.000 - 420	20.000 - 420
Filter media - Class		Polyester antistatic-M	Polyester antistatic-M	Polyester antistatic-M
Cleaning system		Manual	Manual	Manual
Dimensions	cm	70x51x129h	76x52x155h	76x52x155h
Weight	kg	75	130	130
Container		Stainless steel Aisi304 brushed outside polished inside	Stainless steel Aisi304 brushed outside polished inside	Stainless steel Aisi304 brushed outside polished inside

OPTIONAL	CODICE			
FDA-certified antistatic filter	FDA	●	●	●
Absolute filter kit H14	H	●	○	○
Downstream H14 absolute filter	H/OUT	○	●	●
Upstream H14 absolute filter kit with BIBO system and steel case	H/IN	○	●	●
Upstream H14 absolute filter kit with BIBO system and stainless steel case	HX/IN	○	●	●
Filter chamber made of AISI304 stainless steel	XX	●	●	●
Internal polished filter chamber	XX/IP	○	●	●
Filter chamber and frame in stainless steel AISI304	XXX	●	●	●
Earth grounding	MT	●	●	●
Single-phase vacuum unit	SP	●	○	○
Safe bagging system	SB	●	●	●
Safe bags - replacement	FI.0469.0000	●	●	●
DOP test for filter integrity check		○	●	●
Clamp connection Inox ø70/50	TA.1114.0000	○	●	●
Clamp connection Inox ø70/70	TA.1115.0000	○	●	●
Connection Clamp Inox ø50/50	TA.1118.0000	●	○	○
Spare kit: filter, nylon bag, bottom with gasket and knob	H14 SPARE KIT	○	●	●
Support surface for Bibo filter replacement	SL.5744.7035	○	●	●
Magnehelic for visual filter clogging check	MAGNEHELIC	○	●	●
Photohelic for filter clogging control and signal transmission	PHOTOHELIC	○	●	●
Photohelic for filter clogging control and signal transmission	PHOTOHELIC ATEX 2GD	○	●	●
ABB Inverter IP66 kW4 Z22	ABB INVERTER	○	●	●
Crimping tool with 200 end caps		○	●	●

● Available

○ Not Available



PHARMA 40-DC

FOR TOXIC INGREDIENTS OEB4 AND OEB5

Compact, noiseless and flexible industrial vacuum cleaner equipped with collection system in containment bags, particularly suitable for connection to compressor machines, fillers, blister machines.



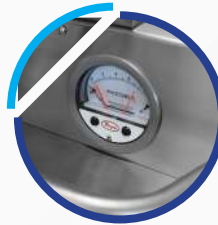
Cyclonic pre-separator holds up to 98%* of powder
OPT. wash In Place



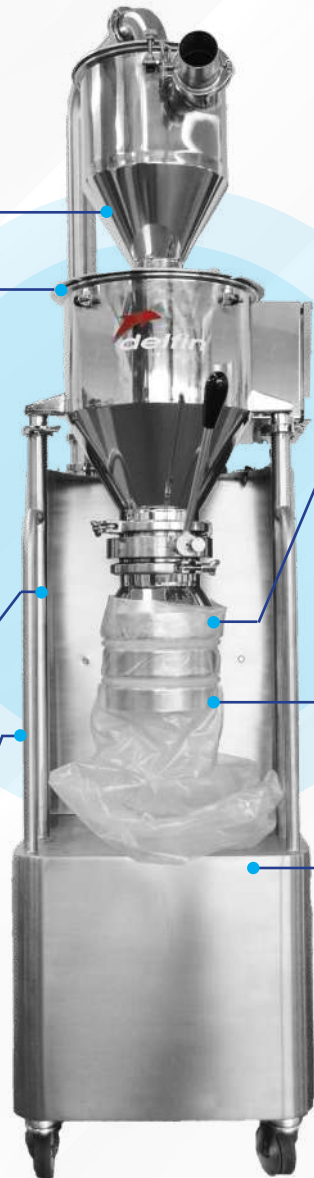
Capacitive sensor for full container signalling



Absolute H14 suction filter with Bag-in Bag-Out system and stainless steel housing
OPT. Filtration



Magnehelic for visual check of filter clogging
OPT. Photohelic



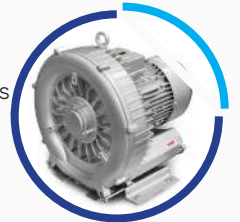
Bag-in Bag-out system for safe filter replacement



Crimpable containment bag
OPT. Crimping tool with end caps



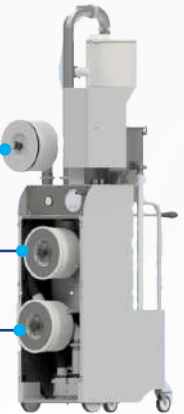
Turbine available in 3kW and 4kW engines
OPT. Vane pumps



OPT. H14 absolute filter

OPT. F9 filter in downstream with BIBO system

STANDARD Absolute filter H14 with BIBO system



OPTIONAL



INVERTER

ABB INVERTER | ABB Inverter IP66 kW4 Z22



WASH IN PLACE

WIP | Clean in Place for cleaning the pre-separator and hopper



PHOTOHELIC

Photohelic | For monitoring filter clogging and sending signals to external systems
Photohelic Atex 2GD | For monitoring filter clogging and sending signals to external systems



CRIMPING TOOL

Crimping tool and 200 sealing caps to close bags easily



VANE PUMPS

High vacuum vane pumps:
kW1,5-40m³/h
kW2,6(IE3)-60m³/h



FILTRATION

H/OUT | Downstream H14 absolute filter
H14 KIT | Absolute filter replacement kit H14

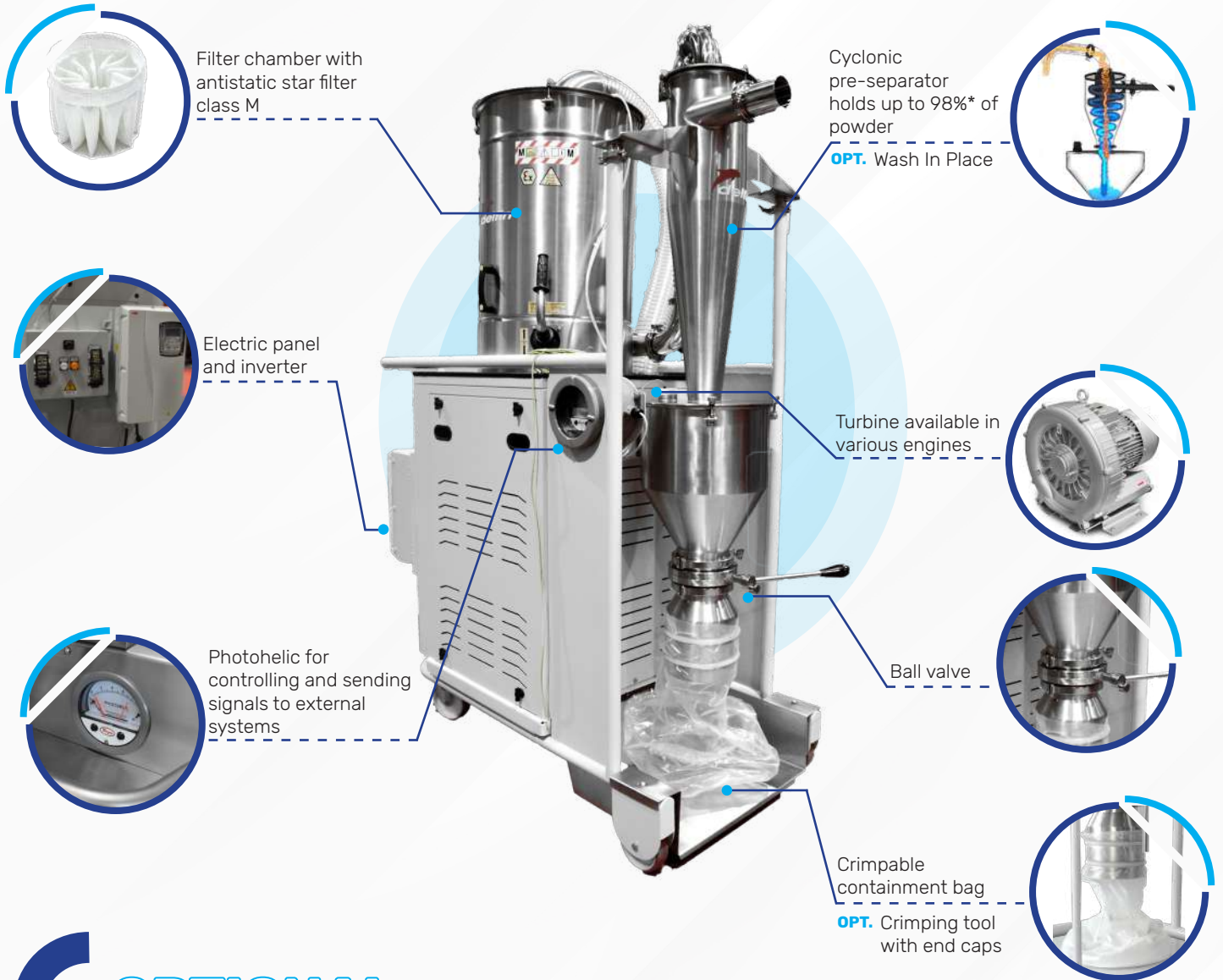
* Placebo powder

PHARMA 75 DC

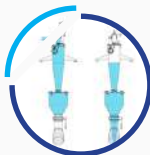
FOR TOXIC INGREDIENTS OEB4 AND OEB5

SPECIAL SOLUTION ON DEMAND

Industrial vacuum cleaner with cyclonic pre-separator, dust bag and filter chamber, to ensure suction and efficiency in the pharmaceutical industry.



OPTIONAL



WASH IN PLACE

WIP | Wash in Place for cleaning the pre-separator and hopper



CRIMPING TOOL

Crimping tool and 200 sealing caps to close bags easily



CONTAINMENT BAGS

KT.1780.0000 | 5 containment bags and 6 rings - spare parts kit

* Placebo powder

TECHNICAL DATA SHEET



PHARMA 40.30DC PHARMA 40.40DC PHARMA 75 DC

Voltage	V - Hz	400-50 3 ~	400-50 3 ~	400-50
Power	kW	3	4	7,5
Max. and continuous waterlift	mmH ₂ O	3200 - 2.700	3.200 - 2.600	3.100
Max. air flow rate	m ³ /h	318	420	700
Pressure relief valve		Included	Included	Included
Max efficiency		98%*	98%*	98%*
OEB level in production		5	5	5
OEB level in maintenance		4	4	4
Nozzle, Type ø	mm	Clamp ø70	Clamp ø70	ø76
Capacity	lt	30	30	30
Capacity level sensor		Included	Included	Included
Filter clogging control pressure switch		Magnehelic	Magnehelic	Photohelic
Noise level	dB(A)	69	69	72
Dimensions	cm	76x52x208h	76x52x208h	66x118x145h
Weight	kg	120	120	230
Discharge		Butterfly ø150 AISI316	Butterfly ø150 AISI316	Butterfly ø150 AISI316
Collection system		Containment bag	Containment bag	Containment bag
Cyclone, hopper and discharge		Polished AISI316 stainless steel	Polished AISI316 stainless steel	Polished AISI316 stainless steel
Frame		Brushed AISI304 stainless steel	Brushed AISI304 stainless steel	Painted steel
H14 absolute filter with BIBO system and stainless steel housing		Included	Included	-
Filter surface	cm ²	20.500	20.500	49.000
Filter class		H14 with 99.995% efficiency at 0.18 µ	H14 with 99.995% efficiency at 0.18 µ	Polyester ANT-M
CODE				
Absolute filter kit H14	H/OUT	●	●	○
Spare kit for filter H14	H14 SPARE KIT	●	●	○
Filter replacement kit		●	●	○
Photoelic for monitoring and signalling filter clogging	PHOTOHELIC	●	●	●
Photoelic for monitoring and signalling filter clogging	PHOTOHELIC ATEX 2GD	●	●	●
ABB Inverter IP66 kW4 Z22	ABB INVERTER	●	●	●
High vacuum vane pump KW1,5-40m ³ /h		●	●	○
High vacuum vane pump KW2,6(IE3)-60m ³ /h		●	●	○
Crimping tool with 200 end caps		●	●	●
Wash In Place		●	●	●
Spare parts kit 5 containment bags and 6 rings	KT.1780.0000	●	●	●

● Available

○ Not Available

* Placebo powder



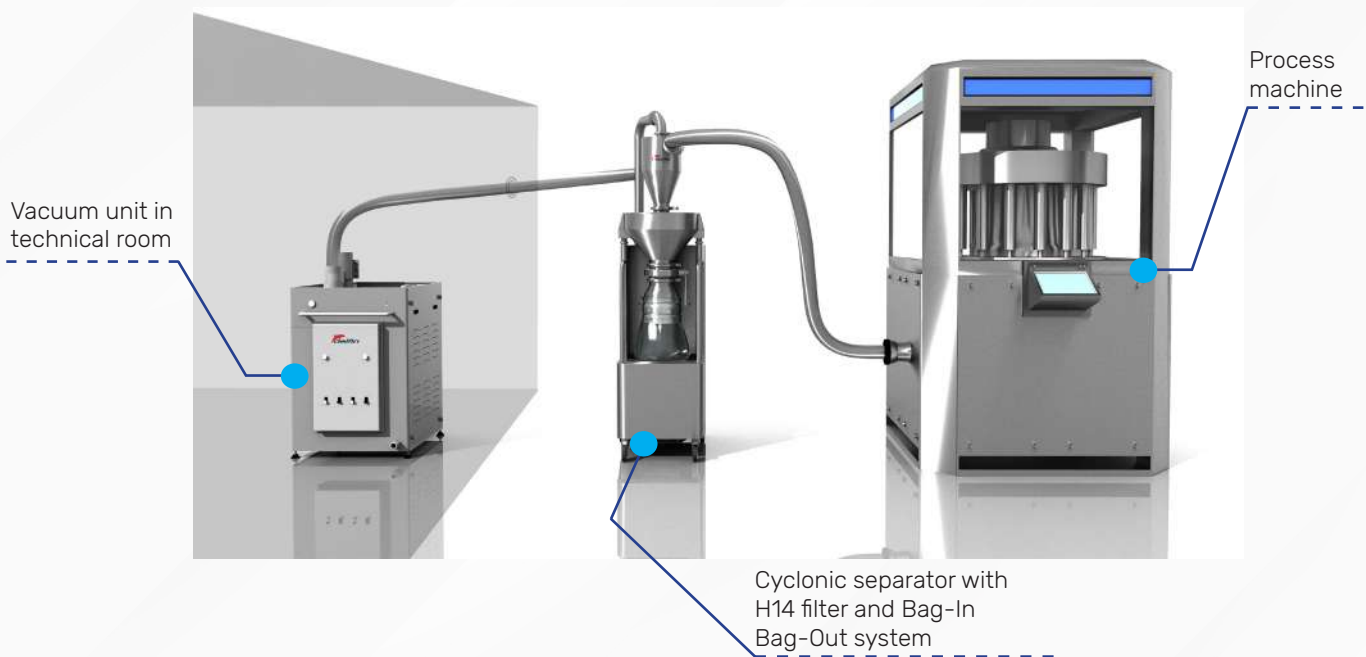
MODULAR SOLUTIONS

Modular solutions allow the suction unit to be positioned in the technical compartment and the pre-separators in the production area, ensuring cleanliness and efficiency.

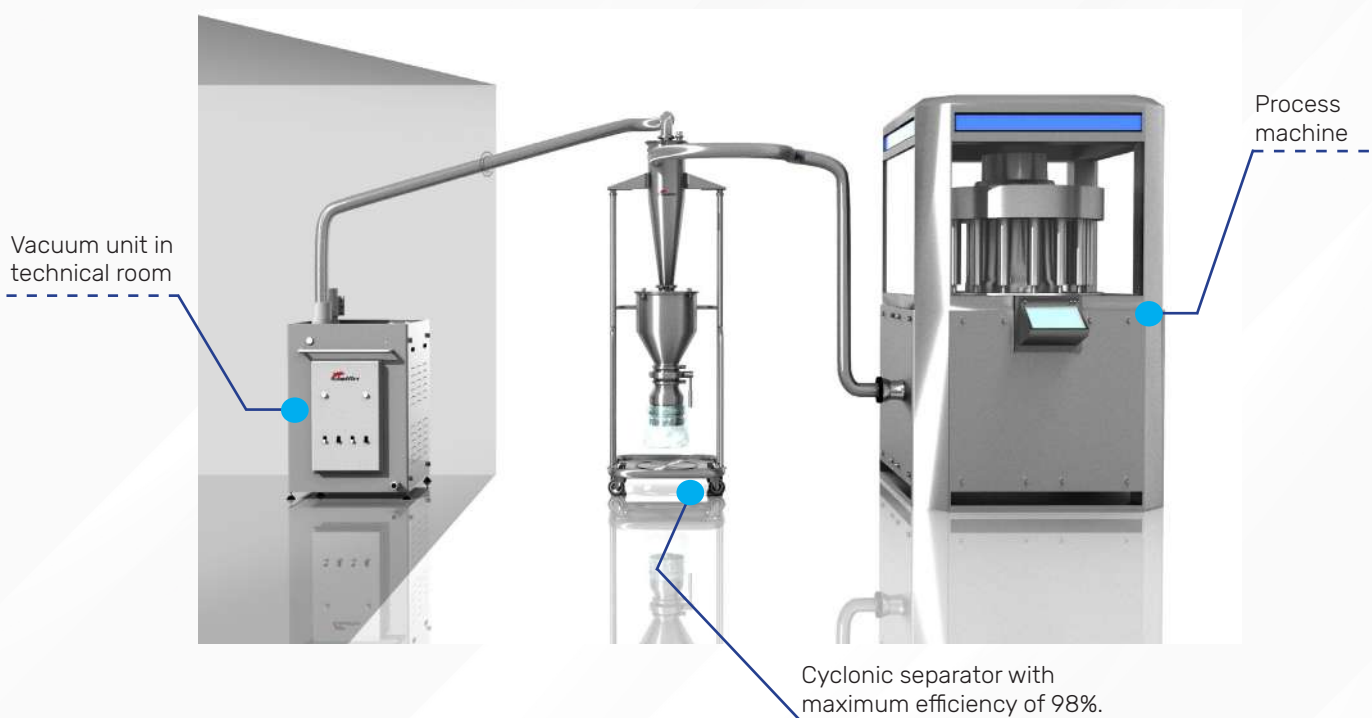
TAILOR-MADE CONFIGURATIONS

The modular solutions respond to the needs of each company, where lack of space is often a primary problem, by offering two different compositions that can be easily inserted into their production lines.

MODULAR SOLUTION-A



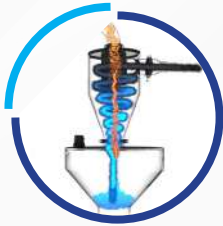
MODULAR SOLUTION-B



CYCLONIC SEPARATOR

SEP.DC-001

Polished AISI316 stainless steel cyclonic pre-separator with maximum efficiency of 98%* and safe dust collection system in containment bags



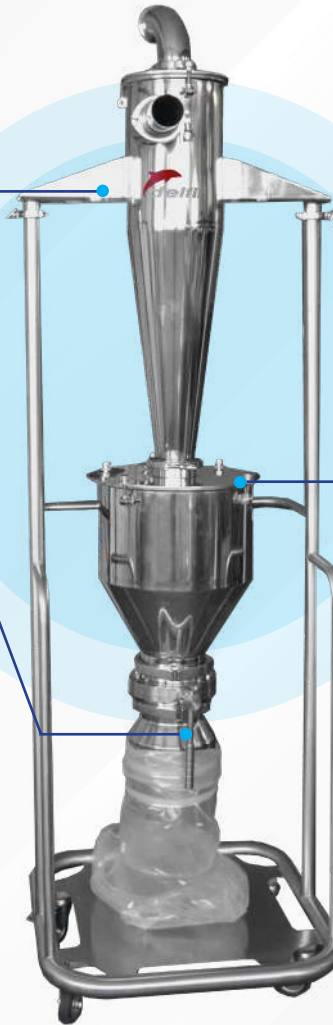
Cyclonic pre-separator holds up to 98%* of powders

OPT. Wash In Place

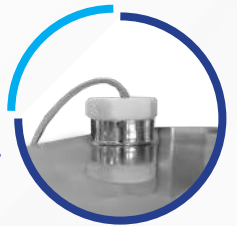


Crimpable containment bag

OPT. Crimping tool with end caps



Capacitive sensor for full container indication



SEP.DC-002

Cyclone separator available with 42 litre stainless steel container. Suitable for containing medium-toxic dust.



OPTIONAL



WASH IN PLACE

WIP | Wash in Place for cleaning the pre-separator and hopper

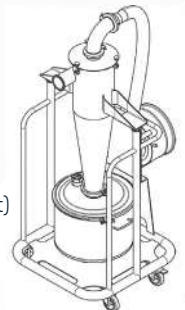


CRIMPING TOOL

Crimping tool and 200 sealing plugs to close bags easily

SEP.DC-003

Cyclonic separator with 42 l stainless steel container and H14 safety filter. (Not available Bag-In Bag-Out)



CONTAINMENT BAGS

KT.1780.0000 | 5 containment bags and 6 rings - spare parts kit

* Placebo powder

TECHNICAL DATA SHEET

VACUM UNITS



		CV113	CV114	CV115	CV116	CV117	CV126-001
Voltage	V - Hz	400-50 3 ~	400-50 3 ~	400-50 3 ~	400-50 3 ~	400-50 3 ~	400-50 3 ~
Power	kW	1,8	2,2	3	4	5,5	7,5
Electrical protection	IP	55	55	55	55	55	55
Max/ continuous waterlift	mmH ₂ O	3000/2200	3000/2400	3200/2700	3200/2600	3600/3000	3200/2700
Max. air flow	m ³ /h	270	270	318	420	530	700
Suction inlet ø	mm	50	50	60	60	70	70
Dimensions	mm	488x423x652h	488x423x652h	642X658X1390h	642X658X1390h	642X658X1390h	642X658X1390h
OPTIONAL		CODE					
Aisi304 stainless steel casing construction	X	●	●	●	●	●	●
Additional silencer D90 H535	SIL/SUP	○	○	●	●	●	●
Abb Inverter	INV	●	●	●	●	●	●

SEPARATORS



SEP.DC-001

SEP.DC-002

SEP.DC-003

Suitable for waterlift up to	mmH ₂ O	2700	2700	2700
Suitable for airflow up to	m ³ /h	840	840	840
Maximum efficiency		98%*	98%*	98%*
OEB level in production		5	5	5
OEB level in maintenance		4	4	4
Suction inlet, Type ø	mm	Clamp ø70	Clamp ø70	Clamp ø70
Capacity	lt	30	30	30
Capacitative level sensor		Included	Included	Include
Dimensions	cm	70x70x235h	70x70x235h	75X83X165
Weight	kg	80	70	
Discharge		Butterfly ø150 AISI316	Stainless steel container 42 l	Stainless steel container 42 l
Collection system		Containment bag	Polished AISI316 stainless steel	Polished AISI316 stainless steel
Cyclone, nozzle, hopper and discharge		Polished AISI316 stainless steel	Polished AISI316 stainless steel	Polished AISI316 stainless steel
Frame		Brushed AISI304 stainless steel	Brushed AISI304 stainless steel	Brushed AISI304 stainless steel
OPTIONAL				
Crimping tool with 200 end caps		●	○	○
Wash in place		●	●	●
Spare parts kit 5 containment bags and 6 rings		●	○	○

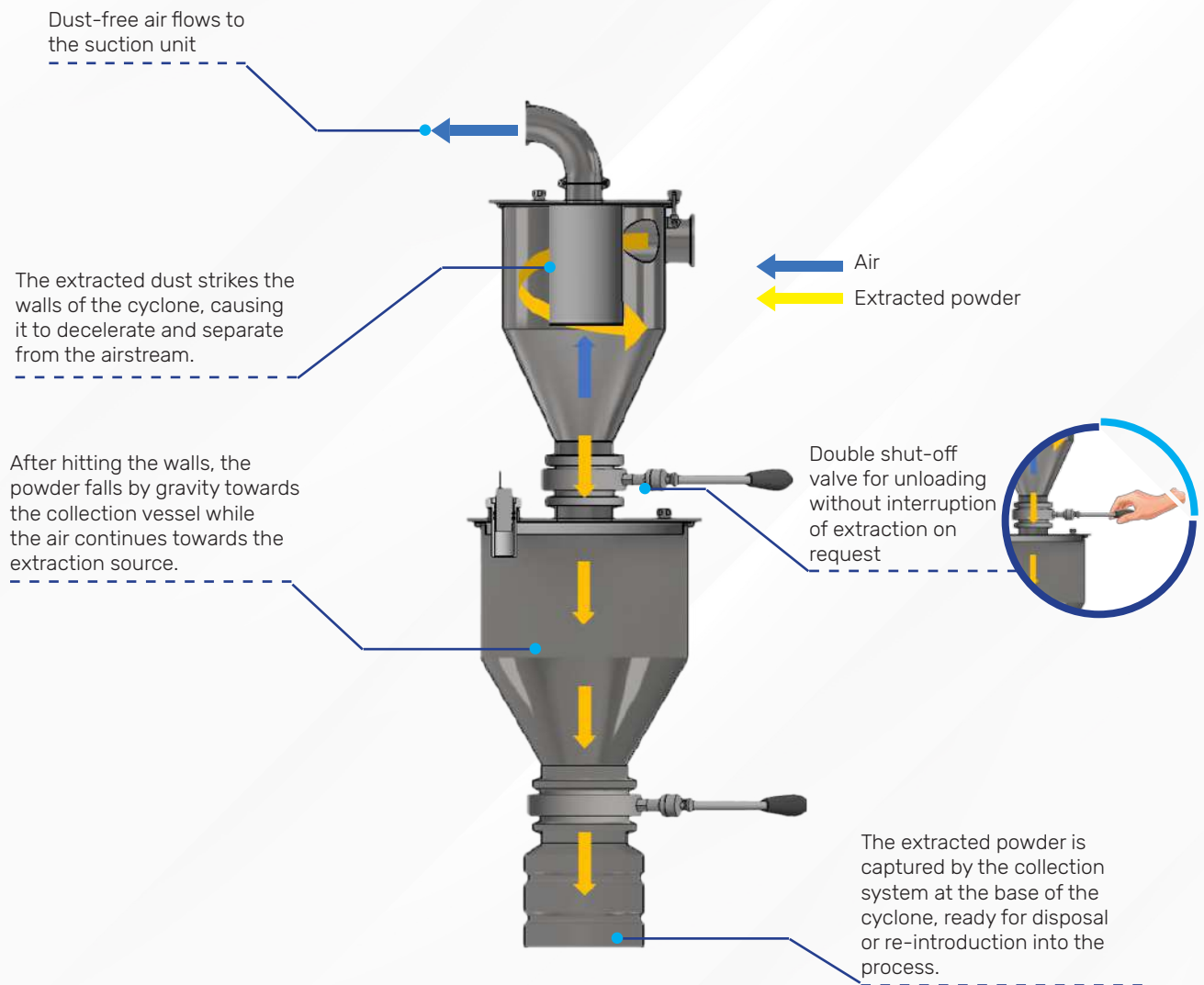
● Available

○ Not available

* Placebo powder

HIGH EFFICIENCY CYCLONE

The dust vacuumed up by the system enters the pre-separator which, thanks to the cyclonic effect, is able to retain up to 98% of the dust (tests carried out with placebo powder).



DATA

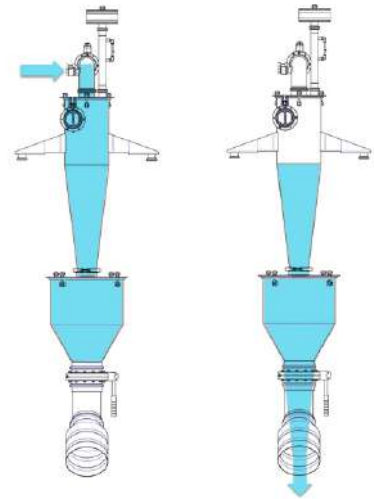
Air and dust inlet	Inches	3"
Air outlet nozzle	Inches	2"
Cyclone internal diameter	mm	280
Hopper capacity	Lt	32
Hopper diameter	mm	360
Cyclone efficiency		97-99% with 250/420 m ³ /h
Cyclone butterfly valve diameter (Optional)	Inches	4"
Discharge butterfly valve diameter	Inches	6"

WASH-IN-PLACE

POWDER CLEANING AND DEACTIVATION SYSTEM

The cyclonic pre-separator and the collection hopper can be easily cleaned by means of a convenient Clean In Place system, which deactivates any residual harmful dust left in the unit through the water used.

- ✓ Connectable structure for post-wash water discharge on request

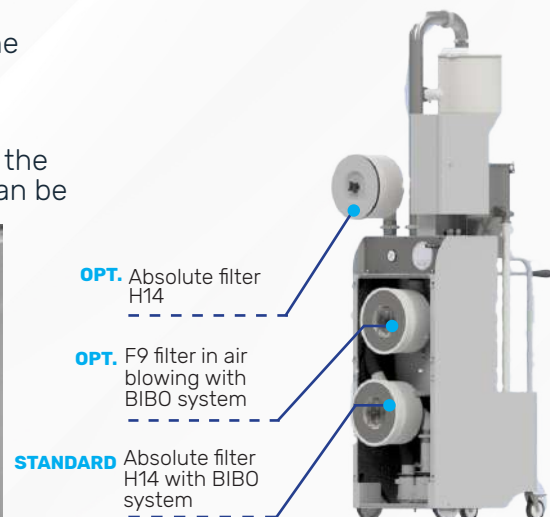
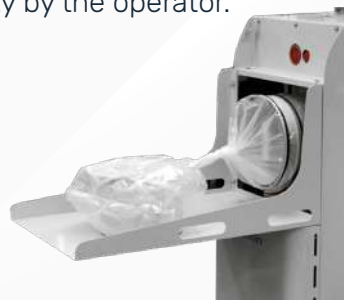


ABSOLUTE FILTRATION

AND BAG-IN BAG-OUT REPLACEMENT

Dust that passes through the cyclonic pre-separator is retained by progressive efficiency filters, which provide total containment capacity for the system, protecting the environment and operators.

The Bag In - Bag Out system allows the H14 filters to be replaced, preventing any contact between the dust and the operator. The bag, containing the exhaust filter inside, can be disposed of in complete safety by the operator.



STATUS MONITORING

REAL-TIME MACHINE MONITORING

Standard sensors monitor the unit's operating parameters, ensuring efficiency and signalling any anomalies.

- ✓ A capacitive sensor as standard for indication of full container
- ✓ Magnehelic for a visual check of filter clogging
- OPT. Photohelic for checking clogging, filter presence and sending signals to external systems (available for ATEX Zone 22)



OPT. Differential pressure gauge Photohelic



Capacitive level sensor

SAFE COLLECTION

IN CRIMPABLE CONTAINMENT BAGS

The powders, once discharged from the hopper, are collected in bags that can be crimped thanks to the crimping tool and high-seal seals.

The crimping tool is also an essential tool for filter replacement using the Bag In - Bag Out method.



CONFORMITY TO GMP STANDARDS

GUARANTEED SAFETY

Delfin containment units have been designed with the idea of making all maintenance and cleaning operations of the units simple and safe, always with the aim of protecting the operators.

- ✓ Possibility of installing the vacuum unit in the technical compartment and the filtration unit on board the machine
- ✓ No dust accumulation points, ensuring maximum hygiene
- ✓ Mirror-polished AISI 316 stainless steel for parts in contact with powder; AISI 304 stainless steel for the remaining parts of the structure
- ✓ Easy disassembly and maintenance
- ✓ Clamp connections for best grip at connection points



LABCONTROL, SOLUTIONS FOR CLEANROOMS

The hallmark of cleanrooms is the purity of the air inside with a very low content of suspended micro dust particles.

Our Labcontrol range of vacuum cleaners has been developed with the aim of reducing the risk of product contamination in full compliance with industry regulations while maintaining the highest levels of hygiene up to ISO4 cleanrooms.

FILTERED, GUARANTEED AIR

Ensuring clean air into the environment is the aim of Labcontrol products. Extensive testing has certified their compatibility for use in cleanrooms of ISO4* or higher (according to ISO14644).

- Certified for use in ISO4 clean rooms
- Autoclavable (motor head excluded)
- Modular and easy to sanitise
- Ergonomic and comfortable to use
- Dedicated autoclavable and FDA-certified accessories
- Progressive multi-filtration up to 99.9995% efficiency

*With specific configuration



LC1000 D FOR CLEAN ROOMS UP TO ISO4

Compact vacuum cleaner with complete stainless steel construction and multiple levels of HEPA filtration. The vacuum cleaner is suitable for use in cleanrooms up to ISO4 for dust extraction.



OPTIONAL



REPLACEMENT BAGS

TA.0750.0000 | Pack of 5 disposable bags



ACCESSORIES KIT

TA.0535.0000 | Dry D40 autoclavable accessory kit
TA.0426.0000 | Dry D40 accessory kit

LC1100 WD

FOR CLEAN ROOMS UP TO ISO6

Compact vacuum cleaner for liquids with complete stainless steel construction and multiple levels of HEPA filtration.



OPTIONAL



REPLACEMENT BAGS

TA.0751.0000 | Pack of 5 disposable bags



ACCESSORIES KIT

TA.0535.0000 | Dry D40 autoclavable accessory kit
TA.0426.0000 | Dry D40 accessory kit

TECHNICAL DATA SHEET

		LC1000D-001	LC1100WD-001
Voltage	V - Hz	230 - 50 1~	230 - 50 1~
Power	kW	1	1,1
Motor		Direct cooling	By-Pass
Max. waterlift	mmH ₂ O	2900	2500
Max. air flow	m ³ /h	175	180
Suction inlet ø	mm	40	40
Solids capacity	lt	5	40
Liquid capacity	lt	-	25
Noise level	dB(A)	70	75
Primary filter			Bag
Surface - Diameter	cm ² -mm	2.000 - 280	3.000 - 360
Filter media - Class		Polyester - M PTFE	Polyester - M PTFE
Safe bag			As standard
Absolute filter in upstream	EN 1822-5		U15 Standard
Absolute filter in downstream		U15 As standard	U15 Optional
Absolute filter in upst. motor cooling air		-	U15 As standard
Absolute filter in downst. motor cooling air		-	U15 As standard
Dimensions	cm	36x33x51h	43x43x73h
Weight	kg	20	27
Components in contact with the material			AISI316

OPTIONAL	CODE		
Absolute filter U15 upstream	U15/OUT	As standard	●
Pack of 5 disposable bags	TA.0751.0000 / TA.0750.0000	●	●
Dry D40 accessory kit	TA.0426.0000	●	●
Dry D40 autoclavable accessory kit	TA.0535.0000	●	●

● Available

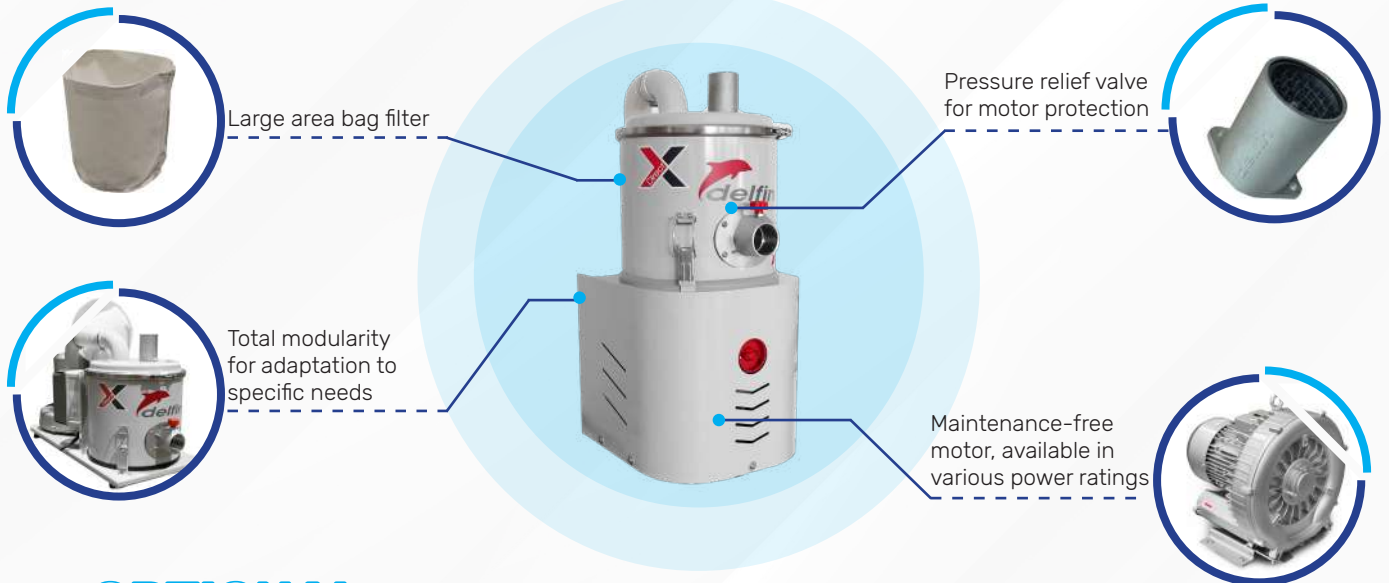
○ Not available

DBF-DBFV

OTHER SOLUTIONS

COMPACT VACUUM CLEANERS FOR ON-BOARD INSTALLATION

Fixed suction bases are the ideal solution for removing materials at source during production cycles. Compact and available in vertical or horizontal construction, they are easy to install and integrate into existing or highly automated production lines.



OPTIONAL

OPT. H | Absolute filter H14

OPT. X | Stainless steel container

OPT. XXX | AISI304 stainless steel construction

OPT. MT | Earth grounding

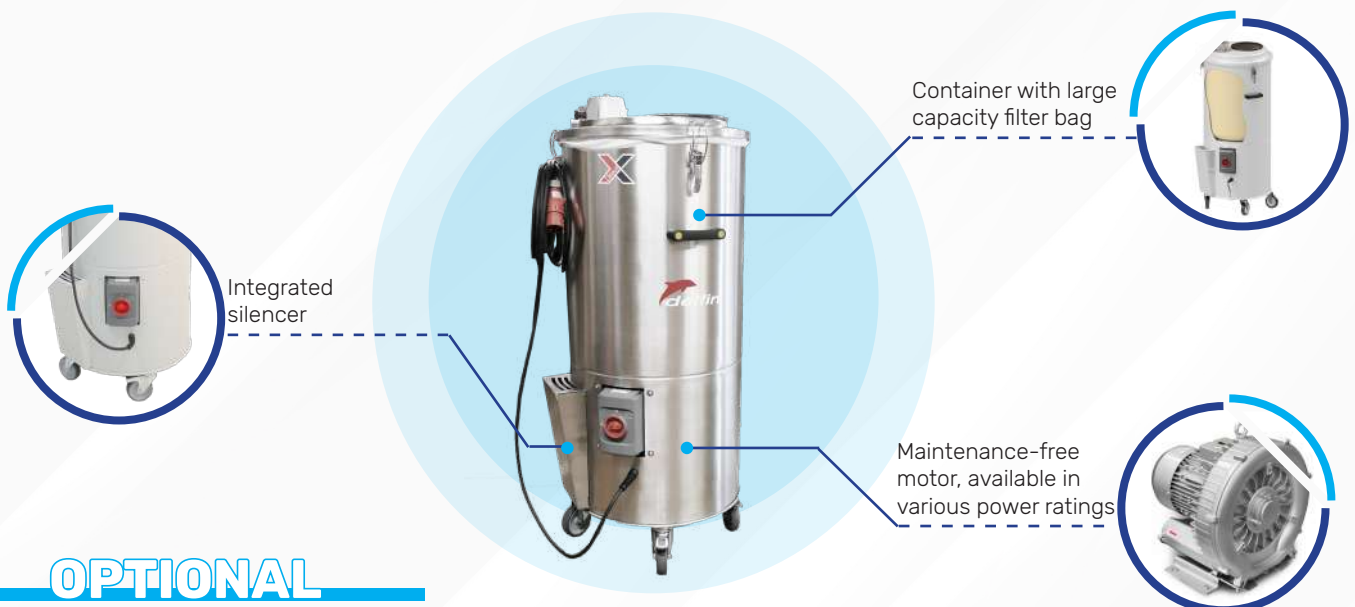
OPT. SP | Single-phase suction unit

OPT. TA.0751.0000 | Pack of 5 disposable bags

AS

VACUUM CLEANERS FOR PACKAGING CHIPS AND SCRAPS

Vacuum scrap collectors are characterised by their large collection capacity, high mobility and compact dimensions for use on board the machine. They are designed to eliminate scrap that must be removed at source to avoid production interruptions.



OPTIONAL

OPT. FI.0263.0000 | M-class polyester filter

OPT. X | Stainless steel container

OPT. MT | Earth grounding

OPT. SGB | Grilled basket

PHARMA 50.40 SPECIAL SOLUTION ON REQUEST

COMPACT VACUUM CLEANER FOR ON-BOARD INSTALLATION

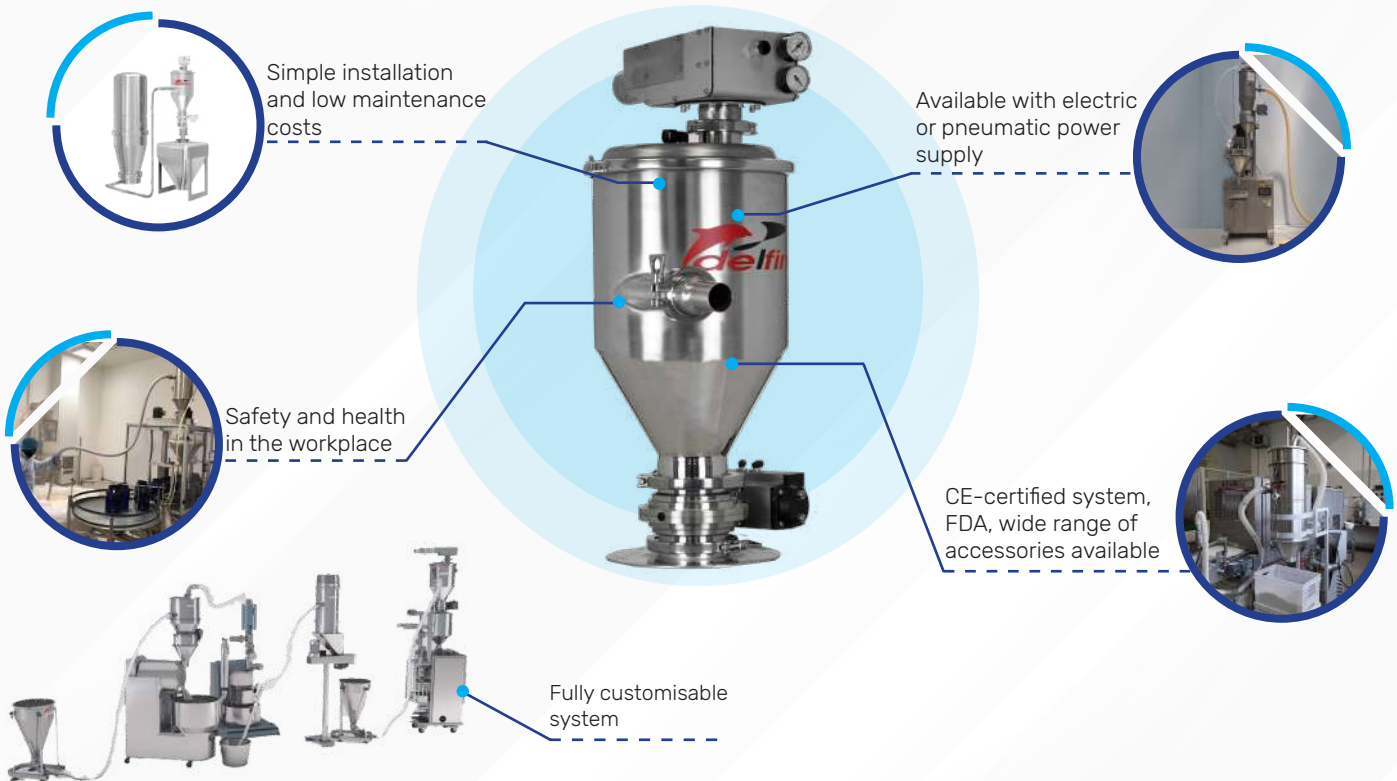
Compact and powerful three-phase industrial vacuum cleaner, designed for integration into production machinery for general vacuuming. Equipped with removable frame with high vacuum pump.



PNEUMATIC CONVEYORS

PNEUMATIC CONVEYING SYSTEMS FOR SOLID MATERIALS OR GRANULES

Pneumatic conveyors are the best handling solution in the industrial sector, the only one capable of eliminating product loss and the risk of contamination.



ACCESSORIES

FOR CLEANING IN PHARMACEUTICAL ENVIRONMENTS


Ergonomic silicone accessories designed for the specific suction needs of the pharmaceutical world.



CONE NOZZLE

A precision accessory with a diagonal end cut that allows air inlet for smooth suction. The silicone version is suitable for the pharmaceutical industries together with a stainless steel fitting.




MATERIAL	CODE	ø mm	Material to be vacuumed	Suitable for
Silicone	SL.0022.0000	50	Powders, solids and liquids	 <ul style="list-style-type: none"> ✓ Suction of piles of material with low grain size ✓ Cleaning of machinery ✓ Cleaning of objects
	SL.0122.0000	70		
	SL.1787.0000	40		
	SL.1693.0000	50		



SCRAPING NOZZLE

Accessory for scraping the bottoms of tanks or surfaces to be cleaned, even in the case of particularly sticky residues. The silicone version is suitable for the pharmaceutical industries in combination with a stainless steel fitting.




MATERIAL	CODE	ø mm	Material to be vacuumed	Suitable for
Silicone	TA.0336.0000	40	Powders, solids and liquids	 <ul style="list-style-type: none"> ✓ Vacuuming of piles of particularly sticky material ✓ Cleaning of machinery ✓ Cleaning of objects
	TA.0459.0000	50		



PRECISION ADJUSTABLE CONICAL NOZZLE

Adjustable precision accessory for cleaning small parts and tight corners. The silicone version is suitable for the pharmaceutical industries and is supplied with a stainless steel fitting.



MATERIAL	CODE	ø mm	Material to be vacuumed	Suitable for
Silicone	SL.1791.0000	50/20	Powders, solids and liquids	 <ul style="list-style-type: none"> ✓ Cleaning of machinery ✓ Cleaning of objects
	SL.1789.0000	50/20		
	SL.1790.0000	38/20		

Cleaning at high levels



Machine cleaning



Download our accessories catalogue!

THE DELFIN COMPANY

Delfin was founded over 30 years ago by the passion of its founder, Antonino Siclari, for industrial vacuum cleaners. Delfin has never stopped working to offer its customers innovative and efficient solutions at the top of quality and design, solving cleaning problems for professionals and industries all over the world.



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