



**INDUSTRIAL VACUUM CLEANERS
FOR WORKSHOPS
AND ENGINEERING INDUSTRIES**

HOW DELFIN VACUUM CLEANERS CAN MAKE A REAL CHANGE IN YOUR MECHANICAL INDUSTRY?

Clean lubricants used in CNC machineries significantly reduce waste and production defects during processing.

Oils and emulsions risk to stratify in the collection tanks, consequently sealing off the clean lubricant, which is however, the element allowing machines to work efficiently.

CONFORMATION OF OILS IN THE COLLECTION TANKS:



INDUSTRIAL VACUUM ADVANTAGES:

Delfin provide the solution to recover and filter these emulsions and so to guarantee the following advantages:



REUSE OF CLEANED OIL AND LUBRICANTS



LIMITED DOWN-TIMES DUE TO MACHINERY MAINTENANCE



30% REDUCTION OF MAINTENANCE COSTS



WORKING PLACES CLEANING



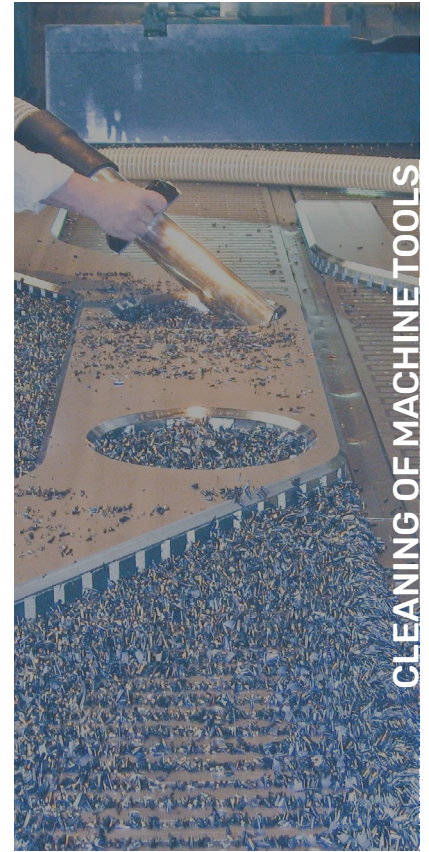
GUARANTEED SAFETY FOR WORKERS



SAFE DISPOSAL OF VACUUMED MATERIALS



VACUUMS FOR SWarf COLLECTION



METAL CHIPS RANGE



TECHNICAL DATA	DM3 EL	DG 50 EXP	DG 75 AF	C600 T75	C600 T125	B200 M
Voltage	230V - 50Hz 1~	400V - 50Hz 3~	400V - 50Hz 3~	400V - 50Hz 3~	400V - 50Hz 3~	230V - 50Hz 1~
Power	3,45 kW	4 kW	7,5 kW	7,5 kW	12,5 kW	3 kW
Max air flow	540 m ³ /h	420 m ³ /h	700 m ³ /h	700 m ³ /h	1100 m ³ /h	540 m ³ /h
Filter	Cartridge	Star	Star	Star	Star	Star
Capacity	45 lt	100 lt	100 lt	600 lt	600 lt	Liquids 30 lt Solids 200 lt
Filter cleaning system	Manual	Manual	Manual	Manual	Manual	Manual
Dimensions	69x63x126h cm	66x118x145h cm	66x118x175h cm	220x100x220h cm	220x100x220h cm	93x81x124h cm
Weight	83kg	137 kg	170 kg	530 kg	680 kg	160 kg

VACUUMS FOR THE FILTRATION AND COLLECTION OF OIL AND SWARF



WIDE RANGE OF ACCESSORIES FOR VACUUMING



VACUUMING AND SEPARATION OF OILS AND SWARF



REUSE OF FILTRATED OILS AND LUBRICANTS

TECNOIL RANGE



TECHNICAL DATA	MTL 802 OIL	DM40 OIL	TC100 MPI	TC 220 MPI	TC 220 IF	TC400 IF	TC 600
Voltage	230V - 50Hz 1~	230V - 50Hz 1~	230V - 50Hz 1~	230V - 50Hz 1~	400V - 50Hz 3~	400V - 50Hz 3~	230V - 50Hz 3~
Power	2,3 kW	3,45 kW	3,45 kW	3,45kW	7,5 kW	4 kW	11 kW
Max air flow	360 m ³ /h	540 m ³ /h	540 m ³ /h	540 m ³ /h	700 m ³ /h	420 m ³ /h	520 m ³ /h
Capacity	Liquids 50 lt Solids 30 lt	Liquids 60 lt Solids 40 lt	Liquids 60 lt Solids 40 lt	Liquids 220 lt Solids 40 lt	Liquids 220 lt Solids 40 lt	Liquids 400 lt Solids 50 lt	Liquids 610 lt Solids 75 lt
Protecting motor filter	-	-	3D Superweb	3D Superweb	3D Superweb	3D Superweb	Star
Polypropilene filter	-	300µm	300µm	20µm	20µm	20µm	20µm
Liquids discharge system	Discharge hose	Discharge valve	Pump	Pump	Reverse flow	Reverse flow*	Pump
Discharge flow rate	-	-	160 lt/min	160 lt/min	200 lt/min	200 lt/min	300 lt/min
Dimensions (cm)	53x59x106h	67x66x125h	67x66x125h	67x66x135h	145x72x175h	140x70x180h	195x72x195h
Weight	40 kg	65 kg	70 kg	95 kg	185 kg	225 kg	405 kg

*Available also with pump -model TC400T43

FEATURES

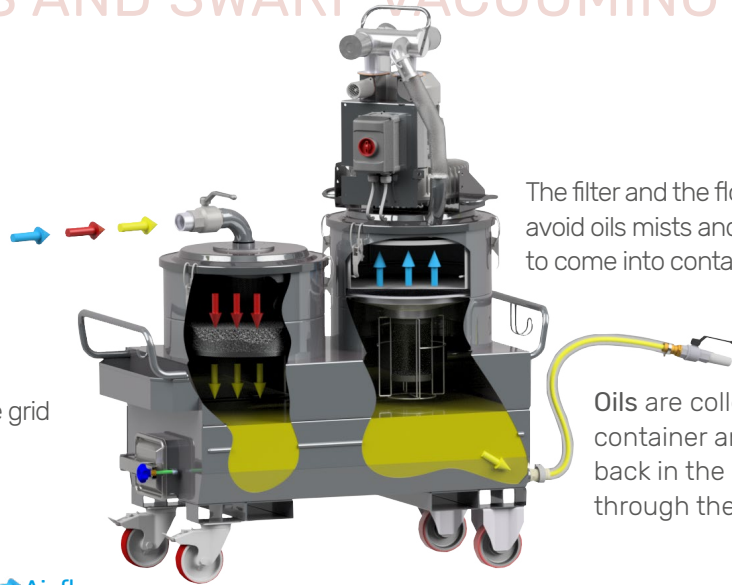
OPERATING SYSTEM OILS AND SWARF VACUUMING

Oils and swarf are vacuumed in the separation chamber

Swarf are filtrated and holded back in the sieve grid

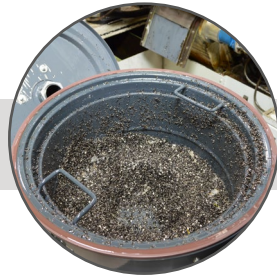
The filter and the floating system avoid oils mists and liquids to come into contact with the motor

Oils are collected in the container and conveyed back in the machinery through the discharge pump



→ Swarf → Oils/Lubricants → Air flow

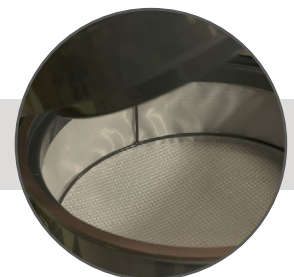
FILTRATION



Sieve grid for the separation of swarf and metal chips from vacuumed oils



PPL filter 300/100 micron for an higher filtration of fine swarfs



3D Superweb filter to protect the motor from oils mists

DISCHARGE



Practical discharge of swarf from the sieve grid or from the extractable collection container



Reverse flow for the discharge of liquids alternately with vacuuming "IF" Models



Submerged pump for the simultaneous liquids suction and discharge "MPI" Models

ACCESSORIES



The camlock connection guarantees a secure hold of the accessories and no spillage of the vacuumed material (Tecnoil range)



Specific kit accessories for the vacuuming of oils, lubricants and swarf



Delfin is a global leader in the manufacturing of industrial vacuum equipment, ranging from portable vacuums for industrial cleaning, to central vacuum systems and engineered solutions, to pneumatic conveying systems. Our mission is to create value by designing innovative solutions that improve efficiency, safety, and productivity. Our aim is to use our expertise to help our customers to achieve their goals.



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