



*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.

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

Conformation of oils in the collection tanks:



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



Cleaning during metal working



Vacuumping of large quantities of materials




Cleaning of machine tools




Wide range of accessories for vacuuming



# VACUUMS FOR THE FILTRATION AND COLLECTION OF **OIL** AND **SWARF**



Vacuumping and separation of oils and swarf



Reuse of filtrated oils and lubricants



# THE RANGE

## METAL CHIPS range



		DM3 EL	DG 50 EXP	DG 75 EXP	C600 T75	C600 T125	B200 M
<b>Voltage</b>	V-Hz	230-50 1~	400-50 3~	400-50 3~	400-50 3~	400-50 3~	230-50 1~
<b>Power</b>	kW	3,45	4	7,5	7,5	12,5	3
<b>Max air flow</b>	m³/h	540	420	530	700	1100	540
<b>Filter/Surface</b>	cat/m²	L/3	L/3	ANT M/4,9	ANT M/4,9	ANT M/4,9	L/1,2
<b>Collection system</b>	lt	Tank 60l	Tank 100l	Tank 100l	Tank 600l	Tank 600l	Tank 200l solids - 30l liquids
<b>Filter cleaning system</b>		Manual	Manual	Manual	Manual	Manual	Manual
<b>Dimensions and weight</b>	cm-kg	67x66x134h-70	66x118x145h-137	66x118x175h-170	220x100x220h-250	220x100x220h-250	93x81x124h-160

Tecn<sup>o</sup>il



		DM40 OIL	TC100 MPI	TC 220 MPI	TC 220 IF	TC400 IF	TC 600
<b>Voltage</b>	V-Hz	230-50 1~	230-50 1~	230-50 1~	400-50 1~	400-50 3~	400-50 3~
<b>Power</b>	kW	3,45	3,45	3,45	3	4	11
<b>Max air flow</b>	m³/h	540	540	540	318	420	480
<b>Liquids capacity</b>	lt	100	100	220	220	400	610
<b>Solids capacity</b>	lt	40	40	40	40	50	75
<b>Protecting motor filter</b>		Polyestere/L	3D Superweb	3D Superweb	3D Superweb	3D Superweb	3D Superweb
<b>Polypropylene filter</b>		300 µm	300 µm	Optional	Optional	Optional	Optional
<b>Liquids discharge system</b>		Discharge valve	Submergerd pump	Submergerd pump	Reverse flow	Reverse flow*	External pump
<b>Discharge flow rate</b>	lt/min		160	160	200	200	300
<b>Dimension and weight</b>	cm-kg	67x66x125h-65	67x66x125h-70	110x63x147h-165	110x63x181h-185	140x70x180h-225	195x72x195h-405

\*Available also with pump -model TC400T43

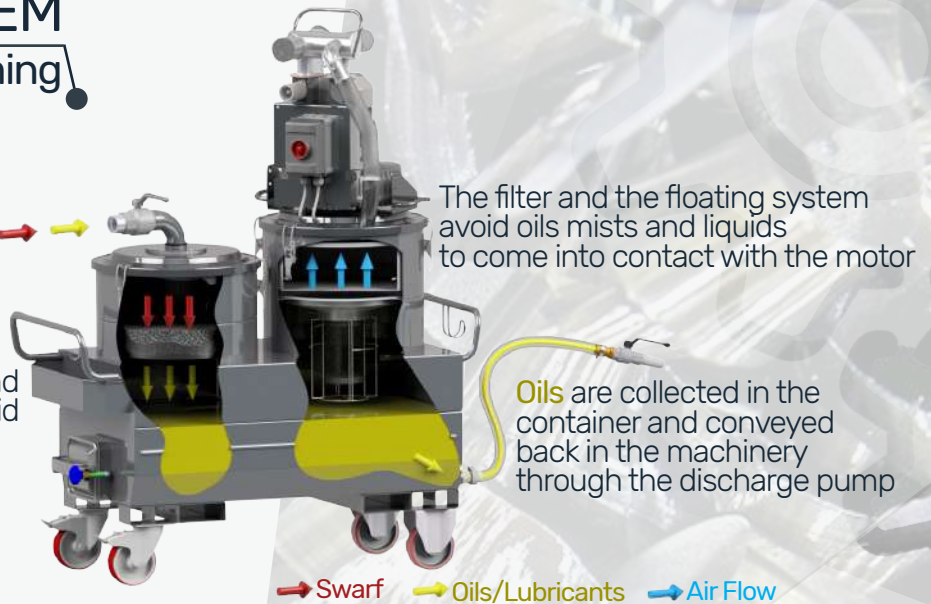
# FEATURES

## 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



## 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



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





## DO YOU HAVE A 3D PRINTER?

Delfin has developed a wide range of specific solutions for conductive and potentially explosive dusts :

- Collection of printer dusts
- Efficient cleaning of the printer
- Guaranteed safety for workers
- ATEX 22, cat 3D certified vacuums cleaners



STRADA DELLA MERLA, 49/A  
10036 SETTIMO T.SE (TO) ITALY



T +39 011 800 55 00  
F +39 011 800 55 06



DELFIN@DELFINVACUUMS.IT



DELFINVACUUMS.COM

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