

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



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.

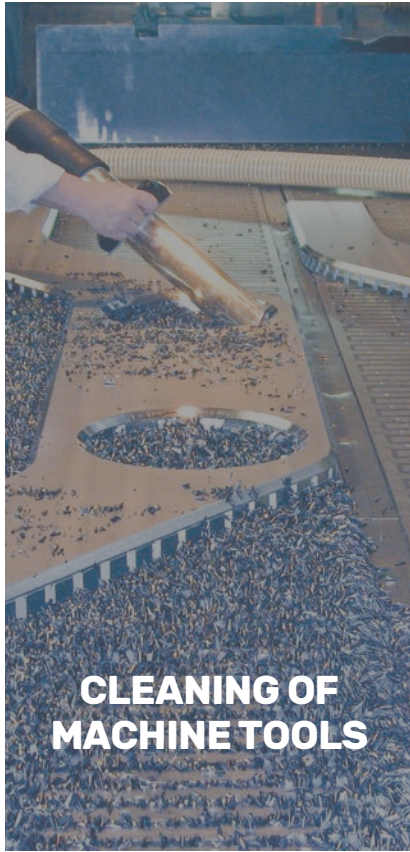


INDUSTRIAL VACUUM CLEANERS FOR WORKSHOPS AND ENGINEERING INDUSTRIES



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VACUUMS FOR SWARF COLLECTION



VACUUMS FOR THE FILTRATION AND COLLECTION OF OIL AND SWARF

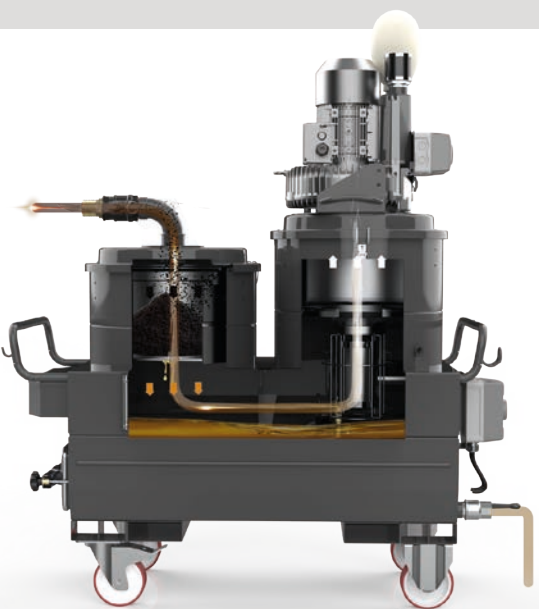


FEATURES

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

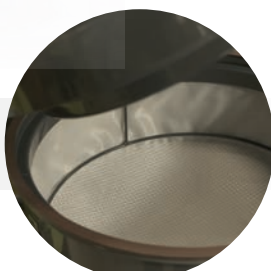
FILTRATION



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



METAL CHIPS RANGE



| TECHNICAL DATA | DM3 EL | DG 50 EXP | DG 75 AF | C600M | C600 T75 NT | C600 T125 | C1000 T75 | C1000 T110 |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Voltage | 230V-50Hz 1~ | 400V-50Hz 3~ | 400V-50Hz 3~ | 230V-50Hz 1~ | 400V-50Hz 3~ | 400V-50Hz 3~ | 400V-60Hz 3~ | 400V-60Hz 3~ |
| Power | 3,45 kW | 4 kW | 7,5 kW | 3,45-15 kW | 7.5 kW | 12.5 kW | 8,6 kW | 14,5 kW |
| Max air flow | 540 m³/h | 420 m³/h | 700 m³/h | 540 m³/h | 700 m³/h | 1100 m³/h | 840 m³/h | 1300 m³/h |
| Filter | Star | Star | Star | Star | Star | Star | Star | Star |
| Capacity | 60 lt | 100 lt | 100 lt | 600 lt | 600 lt | 600 lt | 1000 lt | 1000 lt |
| Filter cleaning system | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual |
| Dimensions (cm) | 67x66x134h | 66x118x145h | 66x118x175h | 100x120x224 | 210x120x220h | 220x100x220h | 210x120x220h | 100x120x224h |
| Weight | 77kg | 137 kg | 170 kg | 380 kg | 530 kg | 680kg | 530 kg | 380 kg |

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~ | 400V - 50Hz 3~ |
| Power | 2,3 kW | 3,45 kW | 3,45 kW | 3,45kW | 3 kW | 4 kW | 11 kW |
| Max air flow | 360 m³/h | 540 m³/h | 540 m³/h | 540 m³/h | 318 m³/h | 420 m³/h | 520 m³/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 | 3D Superweb |
| 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 | 145x72x147h | 145x72x175h | 140x70x180h | 195x72x195h |
| Weight | 40 kg | 65 kg | 70 kg | 165 kg | 185 kg | 225 kg | 405 kg |

*Available also with pump -model TC400T43