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*Industrial Vacuums for
Engineering & automotive industries*

Industrial vacuums solutions.

INDUSTRIAL VACUUM

Tecnoil

Save time and oil during machine tools maintenance?

Today it is possible!

In engineering and automotive industries, cleaning and maintenance of machine tools is an inevitable cost. But today there is a simple, fast and efficient way to minimize this cost: **the TECNOIL vacuum.**



Range Tecnoil

Tecnoil vacuums are designed to suck up coolant and lubricant oils, liquids mixed with shavings, and to separate solid parts from liquids, thus making it possible to use again the collected oil in the machine tools, with significant savings.

Delfin vacuums are the perfect tools to reduce time required to empty tanks (from 5 to 1 hour to empty a 1000 lt. tank), increasing simultaneously the quality of the cleaning and the operator's safety.



The advantages that make the difference

MOTORS

Tecnoil vacuums are equipped with powerful motors, single or three phase. The range spans from 2.3 KW up to 11 KW: more powerful systems can be designed upon customers' request.



✓ **Extractible sieve basket** to separate metal chips, with integrated floating device to stop the suction when container is full of liquids.



✓ Optional filters in PPL with a filtration ranging from 100 to 300 microns.



FILTRATION

✓ 3D SUPERWEB filter to filter lighter oils and oil mist



✓ Water-oil proof polyester cartridge filter, with external PTFE membrane providing 2.7 m2 surface and efficiency class H13.



the suction hose connection that swivels and follows



- Waste **- Time** **+ Saving**

Return on investment and subsequent saving, due to the following advantages:



Financial saving

- + Using several times the same oil and coolant
- + Saving on the oil disposal cost



Time saving

- + Reducing machine tools maintenance time
- + Need of just one operator to carry out machine tool cleaning
- + Reduction of machine tools stand by time

**Delfin vacuums , the perfect tool to maintain your machine tools.
Top quality at your service.**

Liquid and chips disposal system

Reversed airflow or independent pump system, for fast discharge of the collected liquids (100 lt / min. to 300 lt. / min).

Extractible container for disposal of metal chips. Alternative tilting hopper discharge system.

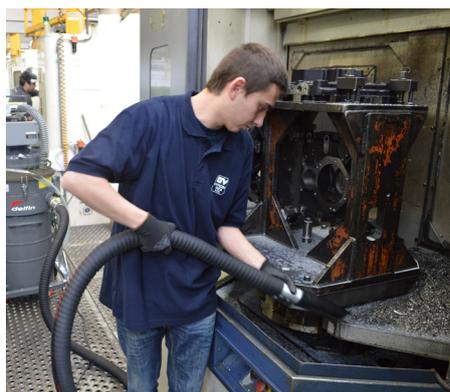
Visual level indicator and/or integrated floating level sensor, to stop the suction when the container is full of liquids. It is possible to include as an option the **automatic floating device**.



Technical datasheet

		TC100 M IF	TC100 T IF	B200 M	TC200 M IF	TC200 T IF	TC400 T IF	TC600
Voltage	V	230 / 1~	400 / 1~	230 / 1~	230 / 1~	400 / 1~	400 / 1~	400 / 1~
Power	kW	3,45	3	3	3,45	3	4	11
Max.water lift	mmH2O	2500	3000	2500	2300	3000	3600	6000
Max.air flow	m3/h	540	300	540	540	300	400	480
Chip basket capacity	lt.	40	40	-	50	50	50	75
Capacity	lt.	100	100	200	200	200	400	610
Ø Suction inlet	mm	50	50	80	50	50	50	60
Noise level	db(A)	76	78	77	78	78	76	78
Level control	Type	Mechanical floating	Automatic	Automatic				
Standard disposal system	Type	Reversed flow	Reversed flow	Tilting 90°	Reversed flow*	Reversed flow*	Reversed flow*	Pompa Esterna

***Discharge through pump available as option**



Accessories



The best vacuums need the best accessories to guarantee the best performances. Delfin provides specific accessories kits designed to collect chips and lubricant oils, and a complete array of optional technical accessories.

Options

Separating cyclone to vacuum directly into disposable drums. The cyclone head can be placed directly on top of the drum and integrated with the suitable options for the

Additional filters on the pump side down to 10 micron filtration efficiency. Option suitable for the recovery of fine and / or precious metal particles

Independent discharge electrical pump. Max. capacity 300 lt. / min.



Delfin truly believes in the extreme reliability of its products, so much that offers a two-year warranty.



All Delfin vacuum cleaners and systems are made in Italy. Delfin has been designing and manufacturing vacuum solutions for food industries the all over last 25 years.



Delfin was founded over twenty years ago by the passion of its founder, Antonino Siclari, for the industrial vacuum sector.

Since then, he has never stopped working to offer its customers innovative and efficient solutions top quality, best designed, plus, he solves vacuuming problems for professionals and industries all over the world.



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