delfin
INDUSTRIAL VACUUM SOLUTIONS

TC 400 IF - OIL AND CHIPS

CEMENT

CERAMICS AND POTTERY INDUSTRIES

SUCTION UNIT

Voltage	V - Hz	400 - 50 3~
Power	kW	4
Max water lift	mmH□O	3200
Noise level (EN ISO 3744)	dB(A)	76

FILTER UNIT

Filter Type		3D SuperWeb
Surface - Diameter	cm²-mm	19200- 325
Media - Filtration		Polypropylene - 20µm

COLLECTION UNIT

Discharge system		
Liquids capacity	l	400
Solids capacity	l	50
Discharge speed	l / min	200
Floating device		

VOLUME

Dimensions	cm	140x70x180h
Weight	kg	225

- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Complete steel construction
- ✓ Vacuum gauge to detect filter clogging
- ✓ PPL filter for chips separation
- ✓ Discharge hose for liquids
- ✓ Saving while recovering, filtrating and reusing cutting oil and emulsionNuovo testo
- ✓ Suction from machine tools of oils and coolants mixed with metal chips
- ✓ Discharge system through reverse flow by means of an hose. No need of discharge pump
- ✓ Fork lift intakes included

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SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.

FILTER UNIT

A propylene filter for liquids is installed upstream. This filter guarantees the efficient filtration of the vacuumed oil; an additional plastic foam filter prevents most of the liquid mist from getting to the motor.
A metal sieve grid withholds the solid material, while the clean oil goes into the liquids container.

COLLECTION UNIT

The solid material (chips, metal scraps and fillings) sets down an hopper- which is placed upon a collection tank- and then stopped inside a metal grid. A practical reducer allows to tilt the hopper and to easily discharge the solid material, whereas the clean liquid sets down in the underlying tank. The hopper includes a sieve grid which separates solids and liquids, whereas the container for liquids includes a hose and a discharge valve. Thanks to the reverse flow system, the hose and the discharge valve allow to insert the filtred liquid again in the system.

OPTIONALS

- ✓ PPL OIL FILTRATION KIT DOWN TO 300 MICRON (SUCTION)
- ✓ OIL & WATER PROOF CARTRIDGE
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ ELECTRICAL DISCHARGE PUMP

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