

## TECNOIL 400IF T - OIL AND CHIPS



AVIATION



METALWORKING



- ✓ Suction from machine tools of oils and coolants mixed with metal chips
- ✓ Complete steel construction
- ✓ PPL filter for protection of motors from liquids and foam
- ✓ Foam filter for protection of motors from liquid mist
- ✓ Discharge system through reverse flow by means of an hose. No need of discharge pump

- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Saving while recovering, filtrating and reusing cutting oil and emulsion
- ✓ Discharge hose for liquids
- ✓ Vacuum gauge to detect filter clogging



### SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	4
Max waterlift	mmH2O	3200
Max air flow	m³/h	420
Noise level (EN ISO 3744)	dB(A)	76



### FILTRATION UNIT

Filter Type		3D SuperWeb
Surface - Diameter	cm²-mm	500
Media - Filtration		Nuovo valore



### COLLECTION UNIT

Discharge system		Reverse flow
Liquids capacity	lt.	400
Solids capacity	lt.	50
Discharge speed	lt / min	200
Floating device		N./A.



### VOLUME

Dimensions	cm	140x70x180h
Weight	kg	225



## SUCTION UNIT

The reverse flow system, activated by a manual valve placed at the top of the motor head, allows to rapidly discharge liquid by using an oil resistant discharge hose. The hose includes a valve in the discharge nozzle.

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.



## FILTRATION UNIT

The PPL polypropylene filter for liquids protects the motor from foam and other solid objects; 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 filtered liquid again in the system.



## OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ OIL & WATER PROOF CARTRIDGE
- ✓ CARTRIDGE OIL FILTRATION KIT DOWN TO 10 MICRON (DISCHARGE)
- ✓ CARTRIDGE OIL FILTRATION KIT DOWN TO 90 MICRON (DISCHARGE)
- ✓ PPL OIL FILTRATION KIT DOWN TO 100 MICRON (SUCTION)
- ✓ PPL OIL FILTRATION KIT DOWN TO 300 MICRON (SUCTION)
- ✓ ELECTRICAL DISCHARGE PUMP