

## TECNOIL 200IF T - OIL AND CHIPS



AVIATION



METALWORKING



- ✓ Suction from machine tools of oils and coolants mixed with metal chips
- ✓ Easy filter replacement
- ✓ 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
- ✓ Reduced downtime of machine tools
- ✓ Saving while recovering, filtrating and reusing cutting oil and emulsion
- ✓ Vacuum gauge to detect filter clogging



### SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	3
Max waterlift	mmH2O	3000
Max air flow	m <sup>3</sup> /h	300
Noise level (EN ISO 3744)	dB(A)	78



### FILTRATION UNIT

Filter Type		3D SuperWeb
Surface - Diameter	cm <sup>2</sup> -mm	19.200-325
Media - Filtration		



### COLLECTION UNIT

Discharge system		Reverse flow
Liquids capacity	lt.	200
Solids capacity	lt.	40
Discharge speed	lt / min	200
Floating device		N./A.



### VOLUME

Dimensions	cm	110x63x181h
Weight	kg	185



## 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

A discharge valve makes it possible to reintroduce flux inside the system.

The vacuumed material is collected into a wheeled steel detachable container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal.

The vacuum cleaner is mounted on a solid steel trolley, provided with a support for hoses when not used, and equipped with oil proof wheels and braking castors.



## OPTIONALS

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