

## TECNOIL 600 - 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
- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Discharge pump included
- ✓ Star-triangle switchboard for progressive motor start
- ✓ Saving while recovering, filtrating and reusing cutting oil and emulsion
- ✓ Discharge hose for liquids
- ✓ Pressure relief valve for motor protection



### SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	11
Max waterlift	mmH <sub>2</sub> O	6000
Max air flow	m <sup>3</sup> /h	480
Noise level (EN ISO 3744)	dB(A)	78



### FILTRATION UNIT

Filter Type		3D SuperWeb
Surface - Diameter	cm <sup>2</sup> -mm	500
Media - Filtration		Nuovo valore



### COLLECTION UNIT

Discharge system		Reverse flow
Liquids capacity	lt.	610
Solids capacity	lt.	75
Discharge speed	lt / min	300
Floating device		N./A.
Level detector for automatic motor cut off		Yes



### VOLUME

Dimensions	cm	195x72x195h
Weight	kg	405



## 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.

A pressure relief valve protects the motor, providing additional air for cooling.



## 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 container is detachable , compact and contains the sieve grid which retains the solid part.

The solid material (chips, metal scraps and fillings) sets down into an extractible steel container mounted on wheels which allows to easily and safely dispose of the sucked material.



## 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)