



## TC 600 - OIL AND CHIPS



METALWORKING



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Complete steel construction
- ✓ Pressure relief valve for motor protection
- ✓ Star-triangle switchboard
- ✓ PPL filter for chips separation
- ✓ Foam filter for protection of motors from liquid mist
- ✓ Discharge hose for liquids
- ✓ Saving while recovering, filtrating and reusing cutting oil and emulsion
- ✓ Suction from machine tools of oils and coolants mixed with metal chips
- ✓ Discharge pump included



### SUCTION UNIT

Voltage	V - Hz	400 - 50
Power	kW	11
Max waterlift	mmH2O	6.000
Max air flow	m <sup>3</sup> /h	480
Noise level (EN ISO 3744)	dB(A)	78



### FILTER UNIT

Filter Type		3D SuperWeb
Surface - Diameter	cm <sup>2</sup> -mm	500
Media - Filtration		Polypropylene - 20µm



### COLLECTION UNIT

Discharge system		With pump
Liquids capacity	lt.	610
Solids capacity	lt.	75
Discharge speed	lt / min	300
Floating device		Yes
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 is 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 into an extractible steel container mounted on wheels which allows to easily and safely dispose of the sucked material.



## OPTIONALS

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