

TECNOIL 100IF TR - OIL AND CHIPS



METALWORKING



- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Easy filter replacement
- ✓ Compact and mobile
- ✓ 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
- ✓ Vacuum gauge to detect filter clogging



SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	3
Max waterlift	mmH2O	3000
Noise level (EN ISO 3744)	dB(A)	78



FILTRATION UNIT

Filter Type		3D SuperWeb
Surface - Diameter	cm ² -mm	500
Media - Filtration		Polypropylene - 20?m



COLLECTION UNIT

Discharge system		Reverse flow
Liquids capacity	lt.	100
Solids capacity	lt.	40
Discharge speed	lt / min	140
Floating device		N./A.



VOLUME

Dimensions	cm	67x66x135h
Weight	kg	95



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 suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.

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

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.



OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ OIL & WATER PROOF CARTRIDGE
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ PPL OIL FILTRATION KIT DOWN TO 100 MICRON (SUCTION)
- ✓ PPL OIL FILTRATION KIT DOWN TO 300 MICRON (SUCTION)