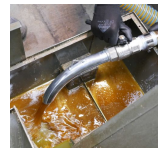
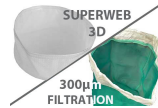




## TC 100 MPI - OIL AND CHIPS



METALWORKING



- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ PPL filter for chips separation
- ✓ Floating device to stop the suction when container is full
- ✓ Reduced downtime of machine tools
- ✓ Submerged pump for the discharge of the sucked liquid
- ✓ Grid for chips vacuuming
- ✓ Simultaneous operation of liquids vacuuming and discharge
- ✓ Possibility of recycling oils and emulsions
- ✓ Reduction of disposal costs due to exhausted oils
- ✓ Reduction of machineries cleaning times

### SUCTION UNIT

Voltage	V - Hz	115 - 60 1~
Power	HP (kW)	4.6 (3.45)
Max water lift	inH2O (mmH2O)	98.4 (2.500)
Max air flow	CFM (m3/h)	318 (540)
Noise level (EN ISO 3744)	dB(A)	76

### FILTER UNIT

Filter Type	3D SuperWeb + PPL
Media - Filtration	Polypropilene - 300µm

### COLLECTION UNIT

Discharge system		
Liquids capacity	gal (L)	26.4 (100)
Solids capacity	gal (L)	10.6 (40)
Discharge speed	gal/min (lt/min)	42 (160)
Floating device		

### VOLUME

Dimensions	in (WxLxH)	26.3x26x49h
Weight	lbs (kg)	154 (70)



## SUCTION UNIT

The suction is provided by three by-pass motors, using carbon brushes, operated by independent switches and placed inside a sturdy steel casing, filled with soundproofing material.



## FILTER UNIT

A floating device stops the suction whenever the liquid in the container reaches the maximum level and prevents overflowing.

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.

SUPERWEB 3D primary filter is a special and hydro-oleophobic filter which guarantees the maximum oil separation while protecting the engine from oily mists and atmospheric dust



## COLLECTION UNIT

Forklift intakes for easy discharge.

After vacuuming, the liquid is filtered from metal chips, which are hold by a detachable sieve grid and then collected inside a high capacity collection tank

Thanks to an electric pump, it is possible to dispose quickly of the vacuumed liquid or to re-insert it rapidly into the machinery



## OPTIONALS

- ✓ ABS ACCESSORY BASKET AND DOUBLEBEND HOLDER
- ✓ STAINLESS STEEL SIEVE GRID
- ✓ OIL & WATER PROOF CARTRIDGE