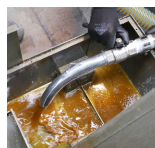# TC 220 MPI - OIL AND CHIPS

METALWORKING

- ✓ Reduced downtime of machine tools
- ✓ Possibility of recycling oils and emulsions
- ✓ Reduction of disposal costs due to exhausted oils
- ✓ Reduction of machineries cleaning times

- ✓ Simultaneous operation of liquids vacuuming and discharge
- ✓ Floating device to stop the suction when container is full
- ✓ Grid for chips vacuuming
- ✓ Submerged pump for the discharge of the sucked liquid

SUCTION UNIT

Voltage	V - Hz	230 - 50 1~
Power	kW	3,45
Max water lift	mmH₂O	2500
Max air flow	m³/h	540
Noise level (EN ISO 3744)	dB(A)	76

FILTER UNIT

Filter Type	3D SuperWeb
Media - Filtration	Polypropylene - 20µm

COLLECTION UNIT

Discharge system		
Liquids capacity	l	220
Solids capacity	l	40
Discharge speed	l / min	160
Floating device		

VOLUME

Dimensions	cm	145x72x147h
Weight	kg	165

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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 detacheable 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

✓ OIL & WATER PROOF CARTRIDGE
✓ PPL OIL FILTRATION KIT DOWN TO 300 MICRON (SUCTION)

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