

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 | mmH ₂ O | 2500 |
| Max air flow | m ³ /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 |



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 held 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

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