delfin
INDUSTRIAL VACUUM SOLUTIONS

# TC 220 IF - OIL AND CHIPS

METALWORKING

- ✓ Reduced downtime of machine tools
- ✓ Reduction of disposal costs due to exhausted oils
- ✓ Reduction of machineries cleaning times
- ✓ A turnable suction inlet simplifies vacuuming operations
- ✓ A window allows to inspect and access the collection tank
- ✓ Floating device to stop the suction when container is full
- ✓ Grid for chips vacuuming

## SUCTION UNIT

| | | |
|---|---|---|
| Voltage | V - Hz | 400 - 50 3~ |
| Power | kW | 3 |
| Max water lift | mmH□O | 3000/2700 |
| Max air flow | m³/h | 318 |
| Noise level (EN ISO 3744) | dB(A) | 78 |

## 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 | 200 |
| Floating device | | |

## VOLUME

| | | |
|---|---|---|
| Dimensions | cm | 145x72x175h |
| Weight | kg | 185 |

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## SUCTION UNIT

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.
A pressure relief valve protects the motor, providing additional air for cooling.

## 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.
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.
The vacuumed liquid can be discharged quickly by means of a reversed airflow system, which can be activated by rotating a knob

## OPTIONALS

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

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