



## 250 MP

Industrial vacuum for  
oil & chips recovery

### Features

Mobile, compact and powerful, the vacuum cleaner TECNOIL is the ideal machine to suck up liquid (oil or coolant) mixed with metal chips, separate the oil from the chips and recover the clean oil thanks to a powerful air flow reversal system.

The suction unit is a turbine motor of the "side channel blower" type: the fan being directly shafted on the motor shaft, this type of motor requires no transmission system and provides a performance of 2.850 RPM. It is thus completely maintenance free, ideal for non-stop and heavy duty performance, very silent and resistant, matching an IP 55 level. The suction unit is protected by a nylon filter and a floating device, which automatically stops the suction when the liquid fills up the container.

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material; a metal sieve grid (40 litres capacity) withholds the solid material (chips and metal parts), while the clean oil goes into the lower container (capacity 100 litres). It is then possible to pump it out rapidly, simply turning a handle that reverses the air flux, and pumps out rapidly the liquid through a discharge oil proof hose fitted with a gun and valve.

The container is detachable (simply by operating a lever at the back), compact and easy to move; it contains the sieve grid which retains the solid part (metal chips and shavings)

The vacuum cleaner is mounted on a solid steel trolley, with a tool basket also providing a support for tools and hoses when not used, and equipped with braking castors.

### Applications

Suction from machine tools of liquids, (mainly oils and coolants mixed with metal chips or other solid material)

Filtration and recovery of cutting oil and coolant liquid

Rapid collection or disposal of the filtered liquid

Reduced stand-by time of machine tools

Saving by recovering and using several times the same oil and coolant



## Technical data sheet

| MODEL – 250 MP                          |            |                       |
|---|------------|-----------------------|
| <b>Tension</b>                          | Volt<br>HZ | 230 1~<br>50          |
| <b>Power</b>                            | KW         | 3,45                  |
| <b>Vacuum rate</b>                      | mm,H2O     | 2500                  |
| <b>Air flow</b>                         | M3/h       | 540                   |
| <b>Filter type</b>                      |            | Polypropylene bag     |
| <b>Chip basket capacity</b>             | Lt.        | 40                    |
| <b>Liquid recovery capacity</b>         | Lt.        | 250                   |
| <b>PPL filter (optional) efficiency</b> | micron     | 300<br>(100 optional) |
| <b>Suction inlet</b>                    | ∅          | 80                    |
| <b>Pump flow rate</b>                   | Lt. / min. | 300                   |
| <b>Noise level</b>                      | Db(A)      | 76                    |
| <b>Dimensions</b>                       | cm.        | 53 x 110              |
| <b>Height</b>                           | cm.        | 140                   |
| <b>Weight</b>                           | Kg.        | 170                   |

## Options

| <b>Cod</b> | <b>Description</b>   |
|------------|--|
| PPL300     | PPL oil filtration kit down to 300 micron (suction)        |
| PPL100     | PPL oil filtration kit down to 100 micron (suction)        |
| CART6      | Cartridge oil filtration kit down to 6 micron (discharge)  |
| CART10     | Cartridge oil filtration kit down to 10 micron (discharge) |
| CART90     | Cartridge oil filtration kit down to 90 micron (discharge) |

Il costruttore si riserva il diritto di modificare dati e caratteristiche indicate senza obbligo di preavviso.

*The manufacturer reserves the right to change technical data without notice*

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