



M 450 OIL

Industrial vacuum for chips & oil recovery

FEATURES

Mobile, compact and powerful, the M450 OIL vacuum is the ideal machine to suck up liquid (oil or coolant) mixed with metal chips, separate the oil from the chips and recover or dispose of the liquid.

The suction is provided by three by-pass stage motors, placed inside a sturdy steel casing, and operated by independent switches. A vacuum indicator is installed in order to detect possible clogging or anomalies in the suction; the motor head is protected from liquid and solid material through a nylon filter. The suction unit is protected by a steel cyclone and by polyester filter and a floating device, automatically stopping the suction when the liquid fills up the container.

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 discharge it, by means of a manual discharge valve. A level indicator enables the operator to constantly check the level of the liquid in the container.

The steel container is detachable (by means of a lever placed at the back of the unit) thus making disposal operations of the solid part (chips and shavings) quick and easy.

The suction inlet (Ø 80 mm.) is tangential, thus providing a cyclone effect reducing the abrasive and clogging effect of the ingoing vacuumed material; a polyester filter enables the machine to be used effectively also for the suction of dry dust.

The vacuum cleaner is mounted on a solid steel trolley, equipped with braking and turning wheels.

Technical data sheet

| MODEL – M 450 OIL | | |
|--------------------------------------|------------|----------------------|
| Tension | Volt HZ | 230 (110) 50 / 60 |
| Motors | N. | 3 |
| Power | KW | 3,45 |
| Vacuum rate | mm.H2O | 2.500 |
| Air flow | M3/h | 540 |
| Filter surface (nylon filter) | Cm2 | 8.000 |
| Capacity (liquid) | Lt. | 100 |
| Capacity (solid) | Lt. | 40 |
| Suction inlet | ∅ | 80 |
| Noise level | dB(A) | 76 |
| Dimensions | cm. | 67 x 66 |
| Height | cm. | 116 |
| Weight | Kg. | 48 |

Options

| Cod | Description |
|------------|---|
| 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) |