DM40 OIL
Industrial vacuum for chips & oil recovery

MODEL		DM40OIL
Tension	Volt HZ	230 (110) 50 / 60
Motors	N.	3
Power	KW HP	3,45 4,50
Vacuum rate	mm.H_2O	2.500
Air flow	M^3/h	540
Filter surface (nylon filter)	Cm^2	8.000
Capacity (liquid)	Lt.	100
Capacity (solid)	Lt.	40
Suction inlet	∅	50
Noise level	dB(A)	76
Dimensions	cm.	60 x 58
Height	cm.	110
Weight	Kg.	48

STANDARD FEATURES

Mobile, compact and powerful, the DM 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 place at the back of the unit) thus making **disposal operations of the solid part (chips and shavings) quick and easy.**

The **suction inlet (Ø 50 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**