



## TECNOIL 150MP Industrial vacuum for chips & oil recovery



MODEL		Tecnoil 150/MP
Tension	Volt	230 (110)
	HZ	50 / 60
Motors	N.	3
Power	KW	3,45
	HP	4,50
Vacuum rate	mm.H <sub>2</sub> O	2.500
Air flow	M <sup>3</sup> /h	540
Filter surface (nylon filter)	Cm <sup>2</sup>	8000
Capacity (liquid)	Lt.	150
Capacity (solid)	Lt.	40
Suction inlet	∅	50
Noise level	dB(A)	76
Pump Rate	Lt/ min.	300
Dimensions	cm.	60 x 70
Height	cm.	125
Weight	Kg.	85

### STANDARD 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 oil thanks to a powerful electric pump.
- The suction is provided by **three by-pass 2 stage motors**, placed inside a **sturdy steel casing** and providing **high depression (max 280 mbar)** 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 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 150 litres)**. It is then possible to pump it out rapidly, through a **powerful electric pump (300 litres per minute)**, fitted with a **2 mt. discharge oil proof hose** fitted with a **gun and valve**.
- The **container is made of polyester coated steel**, compact and easy to move; two baskets provide a **support for tools and hoses** when not used.
- The vacuum cleaner is mounted on a **solid steel trolley, equipped with braking and turning wheels**

#### OPTIONAL

- **Polypropylene filter (efficiency 300 or 100 micron)** for further and finer filtration of the liquid.

#### APPLICATIONS

- Suction from machine tools of **oils and coolants mixed with metal chips** or other solid material
- **Filtration and recovery** of cutting oil and coolant liquid

#### ADVANTAGES

- 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**
- Possibility to **suck up and pump out** simultaneously
- Need for **just one operator** to use the machine