



TECNOIL 151 T3 Industrial vacuum for oil & coolant recovery



MODEL		Tecnoil 151 T3
Tension	Volt	230/400 50/60
Power	KW HP	3 4
Max water lift	mm.H ₂ O	3000
Max air flow	M ³ /h	300
Filter surface (nylon filter)	Cm ²	8000
Capacity (liquid)	Lt.	150
Capacity (solid)	Lt.	40
Suction inlet	Ø	50
Noise level	dB(A)	76
Pump Rate	Lt/ min.	300
Dimensions	cm.	60 x 70
Height	cm.	125
Weight	Kg.	95

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 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**, 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.
- **Automatic pump shut off device** (shuts the pump off once the collection container is emptied)

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

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

The manufacturer holds the right to change data and features without notice