



TECNOIL 450 T55 Industrial vacuum for oil & coolant recovery



		Tecnoil 450 T55
Tension	Volts	400 / 690
	HZ	50 / 60
Power	KW	5,5
	Hp	7,5
Depression	mm.H ₂ O	6000
Air flow	M ³ /h	320
Filter surface	Cm ²	8000
Filter type	Bag	Polypropylene
Chip basket capacity	Lt.	60
Liquid recovery capacity	Lt.	450
Sucton inlet	Ø	50
Pump flow rate	Lt. / min.*	300
Noise level	Db(A)	78
Protection	IP	55
Insulation	CL	F
Dimensions	cm.	65 x 110
Height	cm.	190
Weight	Kg.	300

STANDARD FEATURES

- 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 (providing extra vacuum, up to 5000 mm. H2O depression), 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
- The solid material (chips, metal parts and fine remains) are collected into a collection hopper placed on top of the collection tank, and withheld into a **metal sieve grid (60 litres capacity)**; a user-friendly mechanism enables to tilt the hopper and discharge easily the collected solid material, while the cleaned liquid flows into the **lower collection tank (450 litres capacity)**. The **collection tank is made of polyester coated steel**, and has one **slanted side** in order to secure **complete disposal** of the liquid inside; two baskets provide a **support for tools and hoses** when not used, and a bolted panel enables easy cleaning of the collection tank.
- A **powerful electric pump (300 litres per minute)**, with a **2 mt. discharge oil proof hose** fitted with a **gun and valve**, enables to **pump out very rapidly the collected liquid**.
- The vacuum cleaner is mounted on a **solid steel trolley** with two baskets to lay the accessories, equipped with **braking and turning wheels**

OPTIONAL

- **Polypropylene filter (300 or 100 micron)** for very fine 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