



TECNOIL 450 T55

Industrial vacuum for oil & coolant recovery



Tecnoil 450 T55		
Voltage	Volts	400 3~
	HZ	50 / 60
Power	KW	5,5
	Hp	7,5
Depression	mm.H ₂ O	6000
Limit for continuous duty	mm.H ₂ O	4400
Air flow	M ³ /h	320
Chip basket capacity	Lt.	60
Liquid recovery capacity	Lt.	450
Suction inlet	Ø	50
Pump flow rate	Lt. / min.*	300
Noise level	Db(A)	75
Protection	IP	55
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**

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
- 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

Options

CODE	DESCRIPTION
AA3478	300 micron efficient PPL filter (to be placed inside chips collection hopper)
AA2806	Oil filtration kit (device to host micro fibre cartridges for additional oil filtration). It does not include the micro fibre cartridge
AA2807	6 micron efficient micro fibre cartridge filter for AA2806
AA2808	10 micron efficient micro fibre cartridge filter for AA2806
AA2809	90 micron efficient micro fibre cartridge filter for AA2806