TECNOIL 100 I.F.

Industrial vacuum for oil & coolant recovery



MODEL		Tecnoil 100 I.F.
Tension	Volt	230/400 3~ 50/60
Power	KW HP	3 4
Max water lift	mm.H_2O	3000
Max air flow	M^3/h	360
Capacity (liquid)	Lt.	100
Capacity (solid)	Lt.	40
Suction inlet	∅	50
Noise level	dB(A)	73
Discharge of liquid	Type	Reversed air flow
Dimensions	cm.	52 x 60
Height	cm.	150
Weight	Kg.	75

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 clean oil thanks to a powerful air flow reversal system.**

- 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**, which automatically stops the suction when the liquid fills up the container**.**

- The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material; 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 pump it out rapidly, simply turning a handle that reverses the air flux, and pumps out rapidly the liquid through a **discharge oil proof hose** fitted with a **gun and valve.**

- The **container is detachable** (simply by operating a lever at the back), compact and easy to move; it contains the seve grid which retains the solid part (metal chips and shavings)

- The vacuum cleaner is mounted on a **solid steel trolley, with** a tool basket also providing a **support for tools and hoses** when not used, and **equipped with braking castors.**

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
- 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**

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