

LUBRIVAC 150

Swarf and oil vacuum with discharge system

- *Powerful industrial vacuum/filtration system for liquids and swarf*
- *Outlet pump for liquid discharge (300L/min)*
- *Integrated sieve grid basket for solid / liquid separation*
- *Optional PPL filter for oil/coolant filtration*
- *Float device automatically prevents overflowing when tank is full*
- *Tangential suction inlet with integrated cyclone*
- *3 powerful single-phase motors*



DESCRIPTION

Mobile, compact and powerful, the LUBRIVAC 150 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. The swarf and fines are contained and the fluid can be pumped out via the separate outlet pump either in batches or continuously.

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 restricted 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 basket (40 litres capacity) withholds the solid material (chips and metal parts), while the clean fluid goes into the lower container (capacity 150 litres). An optional polypropylene filter (efficiency 300 or 100 micron) enables a further and finer filtration of the liquid.

It is then possible to simultaneously pump the fluid out rapidly, via a powerful electric pump (300 litres per minute), through a 2M long discharge oil proof hose fitted with a valve to control or stop the flow as required.

The collection tank is made of polyester coated steel, and has a slanted shape in order to secure complete disposal of the liquid inside; a built-in tray and handle on the external body provides storage for tools and hoses when not being used.

The unit is mounted on a solid steel trolley, 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*
- *Reduced stand-by time of machine tools*
- *Saving by recovering and using several times the same oil and coolant*
- *Capability to suck up and pump out simultaneously*

SPECIFICATIONS

		LUBRIVAC 150 MP
Tension	Volt HZ	230 50 / 60
Motors	Number	3
Power	KW	3.0
Vacuum rate	mm.H ₂ O	2,500
Air flow	M ³ /h	540
Chip basket capacity	Litres	40
Liquid recovery capacity	Litres	150
PPL filter (optional) efficiency	Micron	300 / 100 optional
Suction inlet	∅ mm	50
Outlet Pump flow rate	Lt. / min.	300
Noise level	Db(A)	76
Dimensions	cm.	60 x 85
Height	cm.	145
Weight	Kg.	85