SUMP VACUUM CLEANERS FOR OIL AND CHIPS

RAM OIL 250 T

INDUSTRIAL VACUUM FOR LUBRICATING OILS AND CHIPS

POWER
3 kW - 4 HP

APPLICATION
Oils and lubricants mixed shavings

CAPACITY
250 lt

FEATURES

- Filters and reuses lubricating and cutting oils
- Suction and discharge filtered liquid simultaneously
- Simplified liquid collection and swarf management
- Sturdy painted steel construction

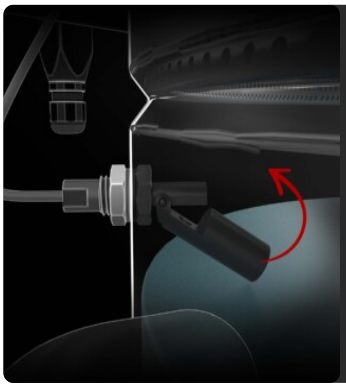
HIGHLIGHTS

SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free work. A metal silencer is included as standard in the turbine to ensure a low noise level.

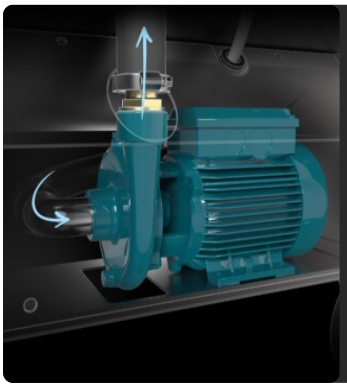
COMFORTABLE CHIP DISPOSAL

A tipping hopper is installed above the vacuum cleaner's large container. The collected liquid passes through a liquid filter with an efficiency of 150µ and a grid basket, which trap chips and simplify their disposal. In this way, even the smallest solid particles can be separated, making the filtered liquid suitable for reuse.



SAFETY FLOATING DEVICE

An electric level probe immediately stops suction when the liquid exceeds a certain container fill level, protecting the suction unit.



LIQUID DISCHARGE SYSTEM

An electric pump is installed inside the container and allows the extracted and filtered liquids to be discharged quickly. Thanks to the non-return valve, it is possible to suction and discharge at the same time, without stopping the machine.

TECHNICAL DATA

MOTOR

Typologies	Side channel blower
Power	3 kW - 4 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	260 mBar
Maximum air flow	320 m3/h
Insulation class	55 | F IP
Noise level	72 dB(A)

MACHINE

Suction inlet	50 Ø mm
Collection system	Steel container
Solids capacity	70 lt
Liquids capacity	250 lt
Liquid discharge system	Discharge pump
Liquid discharge rate	80 Lt/min
Dimensions	850 X 1550 mm
Height	1780 mm
Weight	240 Kg
Accessory kit included	P12352
Solid separation	Basket grid

FILTRATION

Primary filter type	Bag
Media	Polypropylene 150 m

FEATURES

P12352 OIL & SWARF KIT
Basic kit containing specific accessories for 50 mm diameter oil and swarf vacuuming application

LIQUID DISCHARGE PUMP
Allows simultaneous suction and discharge of liquid

OIL-PROOF CARTRIDGE
Oil-proof cartridge for motor protection

HOSE WITH DISCHARGE VALVE

PLUG
4-pole industrial plug

HOSE HOOK

VACUUM GAUGE
Vacuum gauge for indication of filter clogged or in need of replacement

FILTER CLOGGING INDICATOR
Filter clogged or need to be replaced indicator light

POWER SUPPLY CABLE

WHEEL WITH BRAKE
Non-marking wheel with integrated brake

WHEELS
Non-marking pivoting wheels

STEEL CONSTRUCTION
Rugged industrial coated steel construction

PRV
Pressure relief valve installed

GB
Metal grid basket

OPTIONS

STRUCTURE AND OPTIONS

60HZ

60HZ
Available in 60Hz version

BX
Stainless steel bin AISI 304

ACCESSORIES

P12351
OIL & SWARF KIT Ø 40MM.
Quick solution for vacuuming up metal scraps and oily residues in machine shops. - 3 m of reinforced polyurethane hose - 2 anti-static r ...

P12352
OIL & SWARF KIT Ø 50MM.
Quick solution for vacuuming up metal scraps and oily residues in machine shops. - 3 m of reinforced polyurethane hose - 2 anti-static r ...

P12354
OIL & SWARF KIT PRO Ø 40MM
Complete system for collecting oil and metal shavings, with specific accessories for every part of the machine tool. - 3 m of reinforced ...

P12355
OIL & SWARF KIT PRO Ø 50MM
Complete system for collecting oil and metal shavings, with specific accessories for every part of the machine tool. - 3 m of reinforced ...