

SUMP VACUUM CLEANERS FOR OIL AND CHIPS

# M 100 OIL

## INDUSTRIAL VACUUM CLEANER FOR OIL AND METAL SHAVINGS



Watch the video!



**POWER**

3,9 kW - 5,2 HP



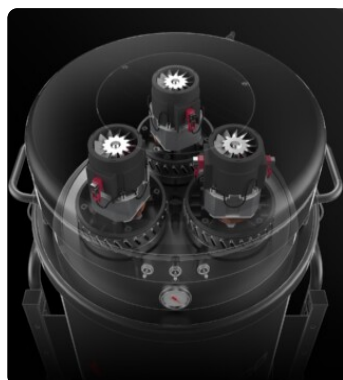
**APPLICATION**

Oils and lubricants mixed  
shavings

## FEATURES

- Filters and reuses lubricating and cutting oils
- 3 powerful single-phase motors for maximum suction power
- Simplified liquid collection and swarf management
- Sturdy painted steel construction

## HIGHLIGHTS



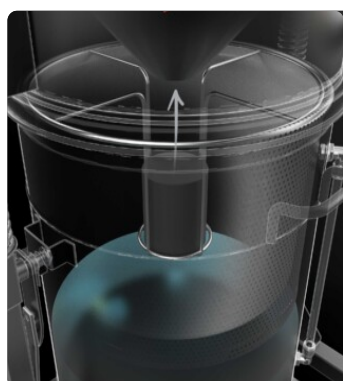
### SUCTION UNIT

Suction is provided by 3 by-pass motors operated by independent switches, allowing the operator to control suction performance. The motors are located inside a robust enclosure, with an insulating sponge to maintain a low noise level.



### FILTER UNIT

The collected liquid passes through a washable PPL 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

A floating device immediately stops suction when the liquid exceeds a certain container fill level protecting the suction unit.



### LIQUID DISCHARGE VALVE

A ball valve located at the bottom of the container allows the collected liquids to be easily discharged by gravity.

## TECHNICAL DATA

### MOTOR

Typologies	By-pass
Power	3,9 kW - 5,2 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	250 mBar
Maximum air flow	570 m3/h
Noise level	72 dB(A)

### MACHINE

Suction inlet	50 Ø mm
Collection system	Steel container
Solids capacity	50 lt
Liquids capacity	100 lt
Liquid discharge system	Discharge valve
Suction time	100/26 lt/sec
Dimensions	700 x 450 mm
Height	1400 mm
Weight	71 Kg
Solid separation	Basket grid

### FILTRATION

Primary filter type	Bag
Media	Polypropylene 150µm

## FEATURES



**LIQUID LEVEL INDICATOR**



**OIL-PROOF CARTRIDGE**  
Oil-proof cartridge for motor protection



**PUSH HANDLE**



**SHUKO TYPE PLUG**



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



**POWER SUPPLY CABLE**



**WHEEL WITH BRAKE**  
Non-marking wheel with integrated brake



**WHEELS**  
Non-marking pivoting wheels



**STEEL CONSTRUCTION**  
Rugged industrial coated steel construction



**GB**  
Metal grid basket

## OPTIONS

### STRUCTURE AND OPTIONS

**60<sup>Hz</sup>**

**60HZ**

Available in 60Hz version



**BX**

Stainless steel bin AISI 304

## ACCESSORIES



**P12351**

**OIL & SWARF KIT Ø 40MM.**

Basic kit containing specific accessories for 40 mm diameter oil and swarf vacuuming application



**P12352**

**OIL & SWARF KIT Ø 50MM.**

Basic kit containing specific accessories for 50 mm diameter oil and swarf vacuuming application



**P12354**

**OIL & SWARF KIT PRO Ø 40MM**

Kit containing specific accessories for 40 mm diameter oil and swarf vacuuming application



**P12355**

**OIL & SWARF KIT PRO Ø 50MM**

Kit containing specific accessories for 50 mm diameter oil and swarf vacuuming application