

SUMP VACUUM CLEANERS FOR OIL AND CHIPS

# FROG

## INDUSTRIAL VACUUM FOR OIL AND METALLIC CHIPS



**POWER**  
2,6 kW - 3,5 HP



**APPLICATION**  
Oils and lubricants mixed  
shavings

## FEATURES

- Filters and reuses lubricating and cutting oils
- Reduces maintenance and downtime of production machinery
- Simplified liquid collection and swarf management
- Sturdy painted steel construction

## HIGHLIGHTS



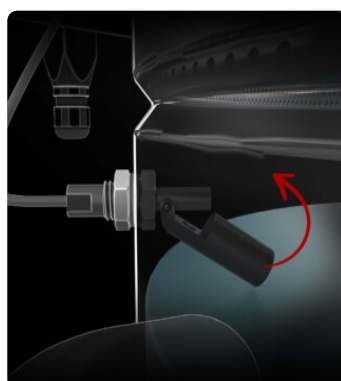
### SUCTION UNIT

Suction is provided by 2 by-pass motors controlled 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.



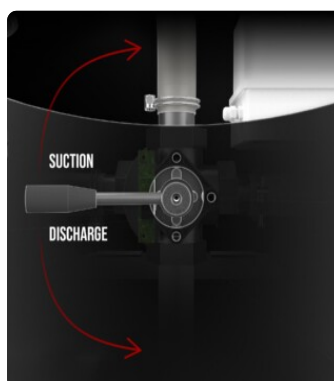
### FILTER UNIT

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

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



### LIQUID DISCHARGE SYSTEM

A convenient lever, located at the rear of the vacuum cleaner, allows rapid switching between suction and container emptying. The reverse flow system uses the exhaust air from the turbine ensuring the efficiency and speed of the operation.

## TECHNICAL DATA

### MOTOR

Typologies	By-pass
Power	2,6 kW - 3,5 HP
Frequency	50/60 Hz
Voltage	230 V
Vacuum in continuous run	250 mBar
Maximum air flow	380 m3/h
Noise level	70 dB(A)

### MACHINE

Suction inlet	50 Ø mm
Collection system	Steel container
Solids capacity	40 lt
Liquids capacity	130 lt
Liquid discharge system	Reverse flow
Suction time	130/30 lt/sec
Discharge time	130/50 lt/sec
Dimensions	700 x 1180 mm
Height	1320 mm
Weight	97 Kg
Solid separation	Basket grid

### FILTRATION

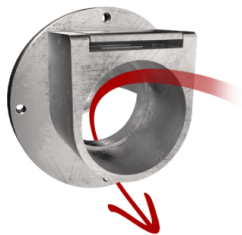
Primary filter type	Bag
Media	Polypropylene 150µm

## FEATURES



### P12352 OIL & SWARF KIT

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



### DEFLECTOR

Internal deflector to protect the filter



### OIL-PROOF CARTRIDGE

Oil-proof cartridge for motor protection



### LIQUID DISCHARGE HOSE



### HOSE WITH DISCHARGE VALVE



### ELECTRIC FLOATING DEVICE

System that automatically stops suction when the maximum level is reached



### 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

## OPTIONS

### STRUCTURE AND OPTIONS

**60<sup>✓</sup>Hz**

**60HZ**  
Available in 60Hz version



**GX**  
Stainless steel bin and chamber AISI 304



**PUMP**  
Continuous discharge pump

Submerged pump for  
continuous discharge

## ACCESSORIES



**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



**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