

# SUMP VACUUM CLEANERS FOR OIL AND CHIPS

# FROG INDUSTRIAL VACUUM FOR OIL AND METALLIC CHIPS





2,6 kW - 3,5 HP



APPLICATION
Oils and lubricants mixed shavings



CAPACITY 130 lt



## **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.



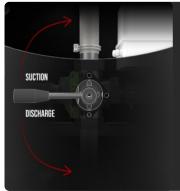
### **FILTER UNIT**

The collected liquid passes through a liquid filter with an efficiency of  $150\mu$  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
Dimensions	700 x 1180 mm
Height	1320 mm
Weight	97 Kg
Solid separation	Basket grid

#### **FILTRATION**

Primary filter type	Bag
Media	Polypropylene 1502m



## **FEATURES**



P12352 OIL & SWARF KIT

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



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

 $Non\text{-}marking wheel with integrated brake} \\$ 



WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



## **OPTIONS**

# **STRUCTURE AND OPTIONS**



**60HZ** 

Available in 60Hz version



GΧ

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