

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



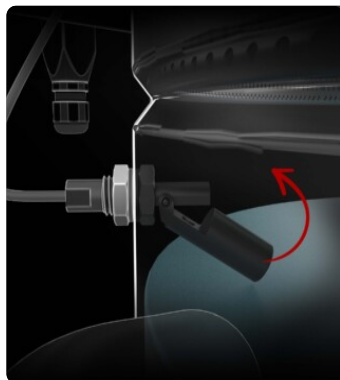
SUCTION UNIT

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.



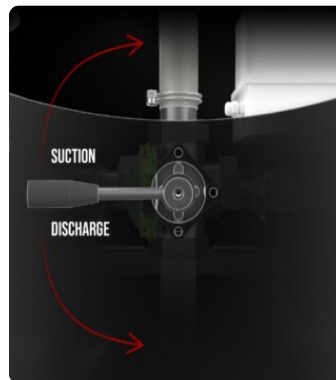
FILTER UNIT

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

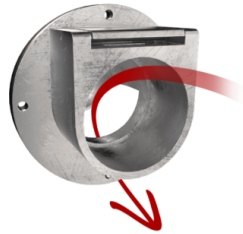
Primary filter type	Bag
Media	Polypropylene 150µm

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^{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