

Mobile Trolleys

# Mobile Filtration Units

Available with a flow rate up to 50 L/min



**PASSION TO PERFORM**



# GRF 302 / GRM 302

Available with ICM 2.0 In-line Contamination Monitor

## Mobile Filtration Unit

### Mobile Filtration Unit

**Maximum working pressure up to 5 bar**

**Flow rate up to 30 L/min**

Compact and simple to use, the GRF and GRM302 mobile filtration units enable service teams to clean oil and hydraulic fluids quickly and easily - protecting complex components, machines and systems from particulate contamination.

GRF/GRM 302 units are ideal for filling and filtering hydraulic fluids and lubrication tanks.

The unit can be connected off-line to the tank (recommended max volume of 500 L), and can be used as a support to the filtration plant on start-up for fast flushing or as an additional filtration system for highly contaminated systems.

### Available features:

- 30 L/min Flow rate
- Continuous operation at 3.5 bar
- Compact size
- Comes with MPS100 filter as standard – optional LMP4305 filter
- Water removal (optional element)
- Compatible with mineral oil
- Electric control box
- Calibrated to relevant ISO standards (GRM only)
- Electric control box
- Visual electrical indicator
- Nitrile seals
- ICM included for real-time monitoring (GRM only)
- Data logging and storage of up to 4000 test results in memory (GRM only)

### Applications:

- Filling and filtering hydraulic fluids and lubrication tanks.
- Filter unit can be connected off-line to the tank (recommended max volume 500 L), and can be used as a support to the filtration plant on start-up for fast flushing action - or as an additional filtration system for highly contaminated systems

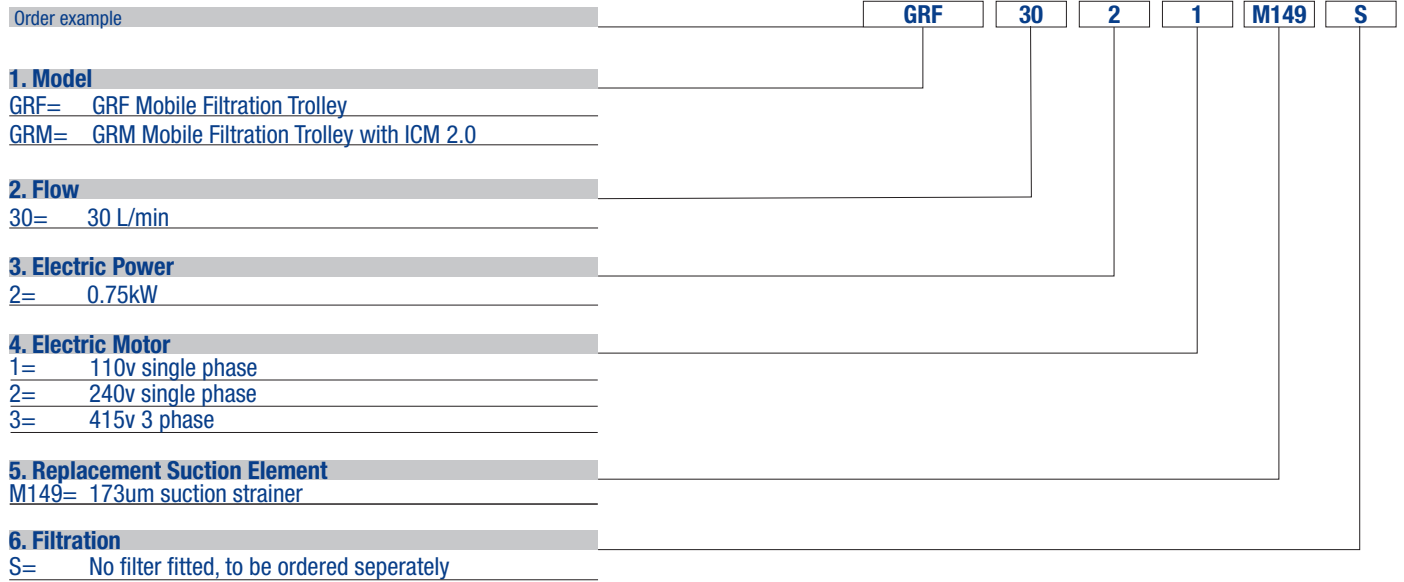


## SPECIFICATION

Pump	Gear Pump or Screw Pump (for diesel)
Electric Motor	0.75 Kw, 1400rpm, 110V/240V single phase, 415V three-phase
Flow Rate	30 L/min
Max Operating Pressure	3.5 bar
Viscosity Range	Maximum 150 cSt
Inlet Filter	100 mesh washable as standard
Outlet Filter	1/3/6/10/25 µm β>1000 flow through the element Out/In
Bypass Indicator set at 1.75bar	Rating 3.5 bar with bypass (LMP) 1.75 bar bypass (MPS) Visual/electrical indicator (on LMP) set at 2 bar
Fluid Temperature	From -10° to +80°C
Ambient Temperature	From 0° to +45 °C
Protection Class	IP 55
Seal	NBR
Fluid Compatibility	Mineral oil and diesel oil variants
Suction and hose	SAE100R4 1" swaged female 2000mm hose - available with lances
Dimensions	<b>GRF</b> - 75kg, 860mm (H); 560mm (D); 500mm(W) <b>GRM</b> - 80kg, 860mm (H); 560mm (D); 500mm (W)
Equipment	ICM 2.0 Version available (GRM Models)

## How to order

### GRF/GRM 302



## Spin-on Filters

### Filter element - Standard length: Inorganic microfiber element

CS 100 A01 A P01	1 µm absolute
CS 100 A03 A P01	3 µm absolute
CS 100 A06 A P01	6 µm absolute
CS 100 A10 A P01	10 µm absolute
CS 100 A25 A P01	25 µm absolute

### Filter element - Standard length: Wire-mesh element

CS 100 M25 A P01	25 µm
CS 100 M60 A P01	60 µm

### Filter element - Extended length: Inorganic microfiber element

CS 150 A01 A P01	1 µm absolute
CS 150 A03 A P01	3 µm absolute
CS 150 A06 A P01	6 µm absolute
CS 150 A10 A P01	10 µm absolute
CS 150 A25 A P01	25 µm absolute

### Filter element - Extended length: Wire-mesh element

CS 150 M25 A P01	25 µm
CS 150 M60 A P01	60 µm