



RELIABILITY SOLUTIONS

Oil Filter Trolley

The filtration of lubricant has long been acknowledged as Industries best practice to ensure fluid systems are maintained to ISO cleanliness specifications. Off line filtration of the lubricant during equipment operation is the preferred method in removal of solid contaminants from most operating systems and or compartments. This method is preferred over draining and replenishment, no down time is experienced as the equipment remains operational, lubricant purchases and waste removal is significantly reduced.

Our filter systems comply with AS1940 in order to meet OH&S and Environmental requirements under Federal Law and we tailor design modules to meet the individual needs or our broad customer base.

Our Filter Trolley solutions have been developed as a result years of working with industry and observing some the issues with conventional methods for the Operator in Dispensing Fluids. Our trolleys have the following benefits:

1. Mobile bypass filtration for hydraulic and lubricating systems.
2. Efficient pumping system
3. Narrow unit profile for easier access to confined space
4. High performance contamination absorption
5. Robust feed pump
6. Suit for high viscosity Products



Figure 2 – Electric operated filter unit



Figure 1 – Electric operated filter unit

We have considered some of the following points in our design:

1. Compliance with Australian standards
2. Flexible design which allows customization
3. Drip tray which is designed for stationary or reclined position
4. Easy oil filter change and service
5. Lower Installation and Maintenance Costs
6. Instructions provided on units
7. Customization of color to conform to your site and fluid requirements

IRS Filter Trolley

Specifications

- Flows from 2.5 to 60L/min
- Pressures to 30 bar (435 psi)
- Temperatures down to 5 degrees Celsius
- Fluids to VG 15 - 460
- MD15 electrical standards
- Fluids greater than ISO 460 can be achieved and designed on application

Features

- Custom designed units
- Heavy Duty trolley design
- Instrument gauge panel
- Oil spill / drip tray
- Pressure safety system
- Oil Sampling facilities
- Pneumatic / solid tyres
- Crane lift points



Air Operated Unit

- Air pump drive units
- Motor stall safety system
- Air vent / isolation valve
- Transfer / filter bypass valve
- Variable pump flow



Electric Operated Unit

- 415V/240V electrical drive units
- 240V or 415V AC power
- Overload circuit breaker
- Emergency stop
- High pressure switch
- Flow control switch