

MS2 Twin Unit Progressive Cavity Pump Filtration System

MS2 Standard Configuration

- Twin 9788 Super Duty Filter Units
- Progressive Cavity pump approx 600-1000 litres per hour
- Motor with heat overload switch
- Nylon manifold
- Pressure gauge
- Isolator & On/Off switch
- Pressure relief switch
- Pressure Gauge
- Sampling point
- Quick Release Couplings
- 3 metre suction and return lines.
- Safety leak detection float switch fitted to all skid frame units



Photograph for illustration only.

Actual product supplied may vary slightly in design

Variations:

- Skid Frame with integrated bund (as example above), or wheel mounted trolley
- M range progressive cavity pump 600-1000 litres per hour (*flow rates based on diesel filtration at ambient temperature*)
- 110v, 240v or 3 Phase Motors

Filtration Unit

MS2 Filter rigs are ideal for cleaning oils up to 46 grade and diesel contaminated with water and particulate contaminate. This specification of twin unit filter rig will process approximately 600-1000 litres per hour dependant on the pump selection and on temperature and viscosity of oil being filtered.

With polypropylene cartridges the unit can be used on water-based oils and glycols. For Skydrol and phosphate ester oils different seals need to be fitted.

Longer hose assemblies are available on request.

Unit is supplied complete with filter cartridges and ready to use.

Oil Flow Rate: Output levels are dependent on viscosity, temperature, degree of contamination, and oil pressure. FA-ST base Progressive Cavity Pump flow rates on diesel filtration. Warranty 12 months on all parts. Full instruction manual and parts listing.

Additional Options:

- 5-inch magnetic pre filter – *removal of 99% of magnetic contaminate*
- Mini-magnet filters fitted to existing filter units – *removal of magnetic contaminate*
- Free standing plastic or steel bund – *recommended for use with trolley mounted units*
- Longer Hose Assemblies – *Suction lines for longer hoses MUST be primed before use or motor damage will occur*
- Hose Lances – *allow access to tanks with small ports restricting access*

Filter Cartridges:

Filter cartridges are 3 micron absolute and filter to 1 micron, and will remove approx 1litre of water per cartridge and up to 2 kgs of dirt. They are manufactured from tightly wound cellulose impregnated long fibre paper. Polypropylene filters are available to filter all water and glycol-based oils and fluids. Average life span under standard operating conditions 250-300 hours of continuous use.

Operating Temperatures: Within operating specifications of engine, gear and hydraulic oils.

Filtration Level: Particulate contamination in accordance with BS 5540 part 4: 1981 and ISO/DIS 4406. ISO equivalent to NAS 1638 class 6. (Hydraulic oil specification)

All Rigs are built to order and normally available within 5 to 10 working days. UK Manufactured.

