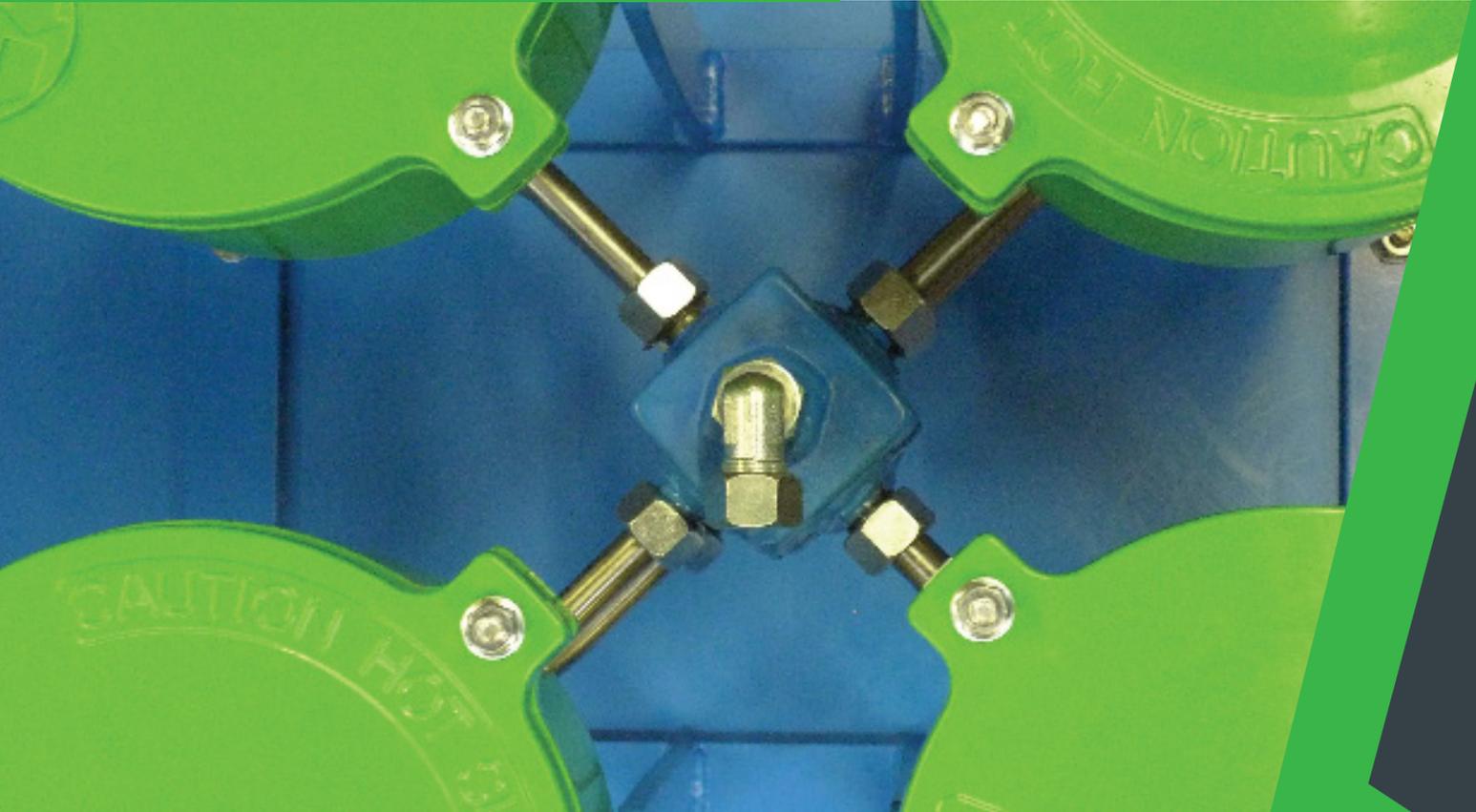


Mobile Filtration System

Product Codes: HMS1, HMS2, HMS4

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The HCS Mobile Filtration System is a multi-purpose fluid cleaning and transfer machine. It is ideal for cleaning most types of hydraulic, gear, turbine, compressor, and transmission fluid reservoirs and, because of its portable design, the system can be used for many situations including fuel tank purging on trucks, construction equipment, and boats as well as for oil and fuel transfer and rotational cleaning of factory and industrial equipment.

FILTRATION

Level of filtration of all systems: BS 5540/4, ISO 14/9 and equivalent NAS 1638 class 6.

Water removal to <0.5% up to capacity of cartridges which is 1.5 litres each.

ELECTRICS

Standard filtration systems are supplied with electrics to suit the specified power supply (110V / 240V / 380V):

- Isolator Switch
- On/Off Switch
- Red/Green Indicator Lights
- Pressure Relief Cut Out
- Connection Lead
- Hour Meter

FLOW RATE

As an approximate guide, with a Mono S range pump, the flow of 32 sec. hydraulic oil at room temperature through new cartridges will be:

- HMS1 = 350 Litres per hour
- HMS2 = 500 Litres per hour
- HMS4 = 750 Litres per hour

MAGNETIC CORE MODULE (MCM)

All our filtration systems are equipped with MCM, a central magnetic core within the unit itself. The entire volume of fluid must pass within 5mm of its 8000 gauss magnet numerous times, collecting any ferrous particulate, annihilating any form of diesel bug, and then through the depth filter to remove the remaining debris down to 3 micron and remove all water.

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