



EST 1962

# MF5-70V High Pressure Coolant System

## Application

The MF5-70V is a stand-alone 70bar system incorporating 7off variable pressure levels to be controlled by machine m functions. The filtration level is achieved by way of a Hydro-cyclone unit which is totally media free.

## Benefits

All contaminants (swarf debris) pass through the filter and into an integral Cromar sludge conveyor which automatically discharges the sludge into a small collecting receptacle.

Depending on the machine coolant tank and room available (some machines there is insufficient room), this can be located on the machine coolant tank, however this is looked at on individual cases.



### Specifications

Capacity

**Filtration Level**

Pump Details

**Litres per minute**

Complete with coolant transfer pump

**Control Panel**

### Details

300 Litres as standard

**99% of 25µm sludge and more than 90% of 10µm**

Grundfos MTS20-70

**30**

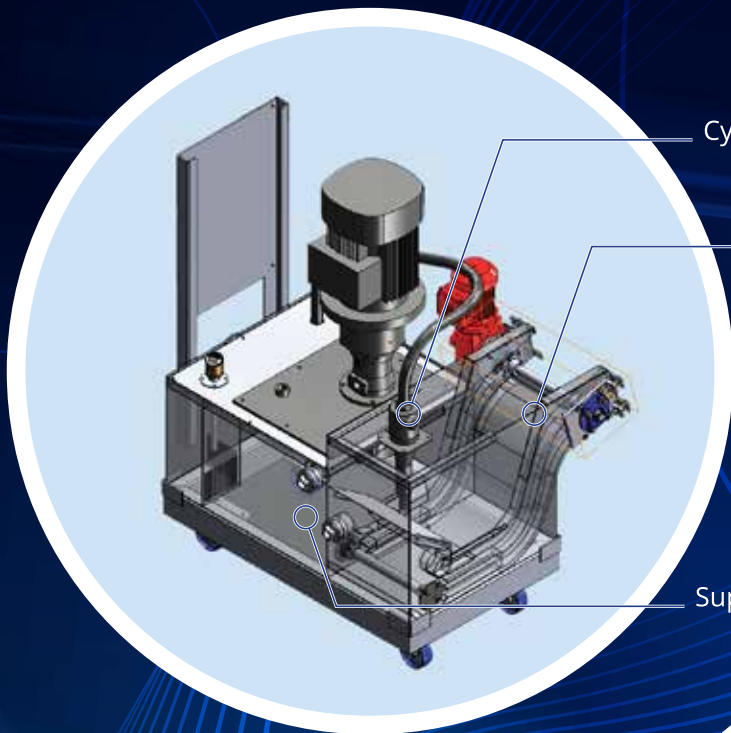
Grundfos MTH4-60/6

**Touch screen - to incorporate the following alarms:**

- Low level
- Filter blocked
- Thermal trip
- Conveyor jam
- No filters need to be cleaned
- No filters need to be changed



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Cyclone filter

Sludge conveyor

Superclean tank

(left) For illustration purposes only. An image showing the two divisions of coolant tank with one overall casing. Internally there is a small Cromar sludge conveyor for automatically removing any sludge, contaminants removed from the coolant via the Hydro-cyclone filter.

Optional

- 40 bar fixed pressure coolant pump
- 20 bar fixed pressure coolant pump
- 15 bar fixed pressure coolant pump



Eliminate messy filter media and maintenance time.

**Frederick Crowther & Son Ltd**  
 Locksley Works  
 Armytage Road Industrial Estate  
 Armytage Road, Brighouse  
 West Yorkshire, HD6 1QF  
 Tel: +44 (0) 1484 400200  
 Fax: +44 (0) 1484 728088

**Cromar Metal Products Ltd**  
 Unit 2 & 3 Guards Road Industrial Estate  
 Guards Road. Coldstream. TD12 4EE  
 Tel: +44 (0) 1890 883139  
 Fax: +44 (0) 1890 882944  
 www.cromar.co.uk

