

## MHP - MANUALLY OPERATED HYDROTEST PUMPS



Up to 1000 Bar working pressure

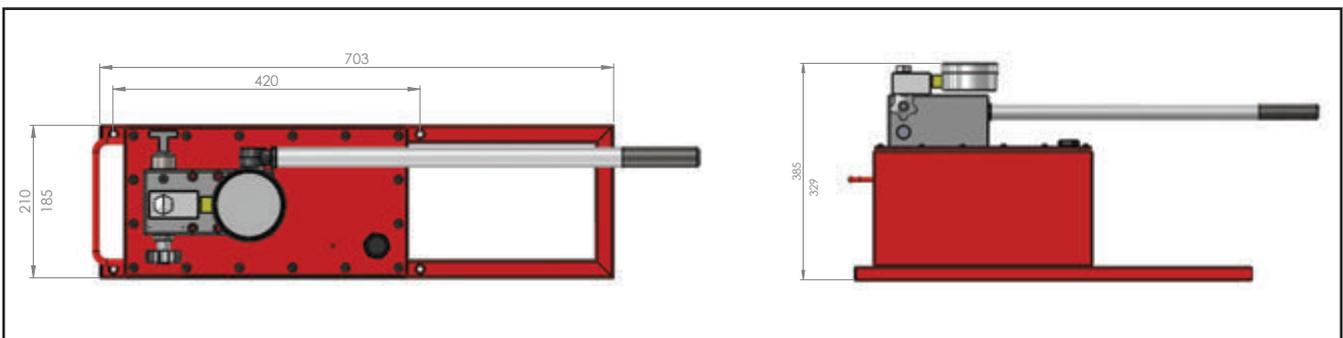
Suitable for use with a wide variety of fluids

Two stage with manual pressure changeover

The Hi-Force MHP series of manually operated two speed hydraulic pumps are suitable for use with a wide variety of fluids including water. Manufactured predominantly from high quality aluminium alloy, with stainless steel piston assemblies, the MHP pump series are lightweight, versatile and robust. The pumps two stage piston design gives a high flow low pressure stage of 50cm<sup>3</sup> up to 50 Bar pressure. The pump incorporates a reliable smooth manual changeover from low to high pressure output. The MHP series pumps are available in 5 different pressure capacities ranging from 100 to 1000 Bar working pressure and all models are fitted with a factory pre-set relief valve for added safety. Each pump is supplied with a multi positional 610mm operating lever for increased operator comfort during use. Major applications for the MHP series of pumps include hydro-testing of pipes, pressure vessels, valves, and also back-up systems and other pressure retaining equipment, prior to commissioning.

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- >> Lightweight aluminium design with stainless steel pistons
- >> Relief valve incorporated as standard
- >> Standard 15 litre capacity stainless steel powder coated fluid reservoir
- >> Optional pressure gauges available (see page 121)



| Model number (with tank) | Model number (pump only) | Working pressure Bar | Valve type | Displacement per stroke cm <sup>3</sup> |                       | Changeover pressure Bar | Outlet port | Suction port | Weight with tank kg |
|--------------------------|--------------------------|----------------------|------------|-----------------------------------------|-----------------------|-------------------------|-------------|--------------|---------------------|
|                          |                          |                      |            | 1 <sup>st</sup> stage                   | 2 <sup>nd</sup> stage |                         |             |              |                     |
| <b>MHP100</b>            | <b>MHP100PU</b>          | 100                  | 2-way      | 50                                      | 22                    | 50                      | 3/8" NPT    | 3/8" BSP     | 20                  |
| <b>MHP300</b>            | <b>MHP300PU</b>          | 300                  | 2-way      | 50                                      | 8                     | 50                      | 3/8" NPT    | 3/8" BSP     | 20                  |
| <b>MHP500</b>            | <b>MHP500PU</b>          | 500                  | 2-way      | 50                                      | 4                     | 50                      | 3/8" NPT    | 3/8" BSP     | 20                  |
| <b>MHP700</b>            | <b>MHP700PU</b>          | 700                  | 2-way      | 50                                      | 3                     | 50                      | 3/8" NPT    | 3/8" BSP     | 20                  |
| <b>MHP1000</b>           | <b>MHP1000PU</b>         | 1000                 | 2-way      | 50                                      | 2                     | 50                      | 3/8" BSP    | 3/8" BSP     | 20                  |