

Hi-Force®

HTP - MANUALLY OPERATED HYDROTEST PUMPS



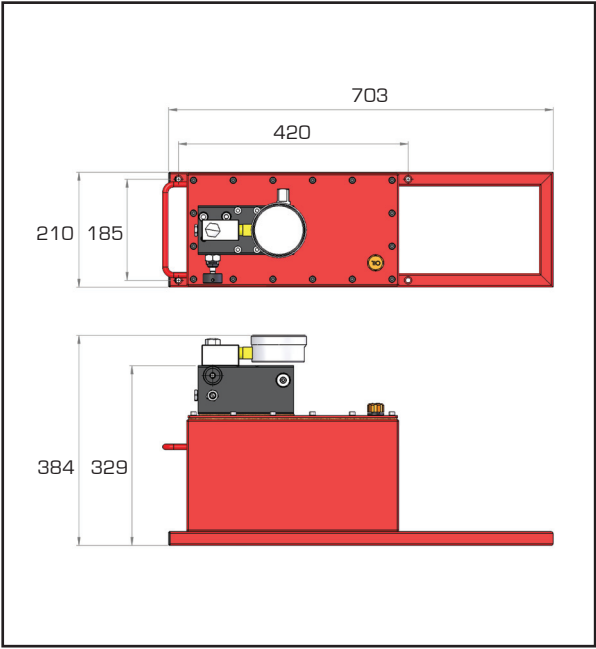
Up to 1000 Bar working pressure

Suitable for use with a wide variety of fluids

Two stage with semi automatic pressure changeover

The Hi-Force HTP series of manually operated two speed hydraulic pumps is suitable for use with a wide variety of fluids including water. Manufactured predominantly from high quality aluminium alloy, the HTP series are lightweight and extremely versatile. The pump's two stage piston design offers a superb 49 cm³ delivery per stroke at low pressure (up to 20 Bar) with an semi automatic changeover valve for operating the high pressure piston. The pump unit is available with a choice of 5 high pressure capacities ranging from 100 to 1000 Bar with all models incorporating a factory set pressure relief valve and a 610mm long operating lever. Major applications for Hi-Force HTP series pumps include hydrotesting of piping, pressure vessels, valves and many other items of pressure retaining equipment, prior to commissioning.

- >> Lightweight aluminium design with stainless steel pistons
- >> Needle type design release valve for precise pressure control
- >> Low cost replaceable valve seats
- >> Standard 15 litre capacity stainless steel fluid reservoir
- >> Optional pressure gauges available (see page 109)



| Model number (with tank) | Model number (pump only) | Working pressure Bar | Valve type | Displacement per stroke cm ³ | | Changeover pressure Bar | Outlet port | Suction port | Weight kg |
|-----------------------------|-----------------------------|-------------------------|------------|---|-----------------------|----------------------------|-------------|--------------|--------------|
| | | | | 1 st stage | 2 nd stage | | | | |
| HTP100 | HTP100PU | 100 | 2-way | 49 | 20 | 20 | 3/8" NPT | 3/8" BSP | 20 |
| HTP300 | HTP300PU | 300 | 2-way | 49 | 7 | 20 | 3/8" NPT | 3/8" BSP | 20 |
| HTP500 | HTP500PU | 500 | 2-way | 49 | 4 | 20 | 3/8" NPT | 3/8" BSP | 20 |
| HTP700 | HTP700PU | 700 | 2-way | 49 | 3 | 20 | 3/8" NPT | 3/8" BSP | 20 |
| HTP1000 | HTP1000PU | 1000 | 2-way | 49 | 2 | 20 | 3/8" BSP | 3/8" BSP | 20 |