



Up to 1000 Bar working pressure

Suitable for use with a wide variety of fluids

Two stage design with easy push button changeover

F

The Hi-Force HMP 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 HMP series are lightweight and extremely versatile. The pump's two stage piston design offers a superb 49 cm<sup>3</sup> delivery per stroke at low pressure (up to 52 Bar) with a push button changeover valve for operating the high pressure piston. The pump unit is available with a choice of seven high pressure capacities ranging from 110 to 1000 Bar working pressure, and is supplied complete with a 610mm operating lever. For optional adjustable pressure relief valve suffix the model number with 'R'.

- >> Lightweight aluminium design with stainless steel pistons
- >> Needle type design release valve for precise pressure control
- >> Low cost replaceable valve seats
- >> Easily accessible fluid system filter
- >> Standard 10 litre capacity fluid reservoir (see page 43 for options)
- >> Optional, factory fitted, externally adjustable pressure relief valve
- >> Ideally suited for pressure testing valves, pipework and vessels
- >> Optional pressure gauges available (see page 43)

Model number	Working pressure bar	Valve type	Displacement per stroke cm <sup>3</sup>		Changeover pressure bar	Outlet port	Suction port	Weight kg
			1 <sup>st</sup> stage	2 <sup>nd</sup> stage				
<b>HMP160</b>	110	2-way	49	20	52	1/2" BSP	3/8" BSP	15
<b>HMP250</b>	172	2-way	49	13	52	1/2" BSP	3/8" BSP	15
<b>HMP450</b>	310	2-way	49	7	52	1/2" BSP	3/8" BSP	15
<b>HMP650</b>	448	2-way	49	5	52	1/2" BSP	3/8" BSP	15
<b>HMP800</b>	552	2-way	49	4	52	1/2" BSP	3/8" BSP	15
<b>HMP100</b>	700	2-way	49	3	52	1/2" BSP	3/8" BSP	15
<b>HMP150</b>	1000	2-way	49	2	52	3/8" BSP	3/8" BSP	15