



HP - MANUALLY OPERATED PUMPS - STEEL



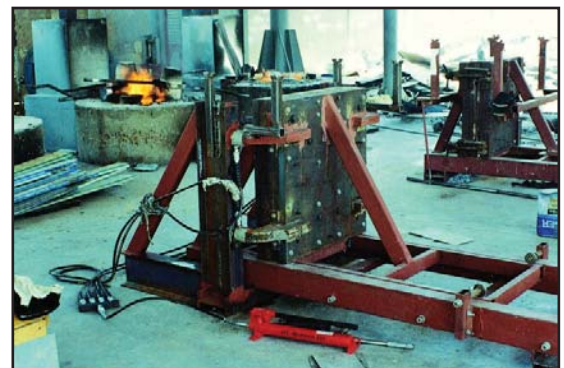
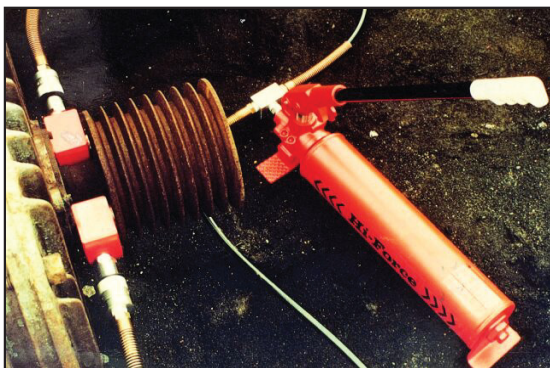
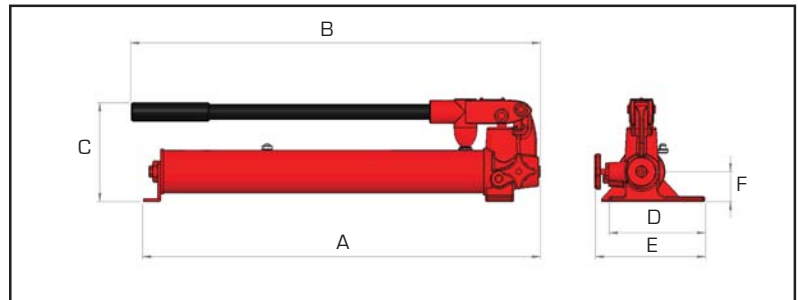
Single or two speed operation

Choice of control valves

Working pressure 700 Bar

The HP manually operated pump range offers a choice of single or two speed operation and all models are supplied complete with a pre-filled oil reservoir, ready for immediate use. All models have a maximum working pressure of 700 Bar and the range includes pump models suitable for use with either single acting cylinders or tools. The HP range offers the ideal solution for applications where completely independent, portable hydraulic power is required. With low handle effort characteristics for easy operation, all models are of strong durable construction. Hi-Force HP manually operated pumps have a proven track record industry wide and offer excellent value for money in portable hydraulic power. A full range of system components suitable for use with HP manually operated pumps is detailed on pages 49 - 56.

- >> Oil reservoir capacity up to 5 litres
- >> Durable steel construction
- >> External pressure release valve
- >> Factory set safety relief valve
- >> Changeover pressure for two speed models is 14 Bar



Model number	Valve type	Displacement per stroke cm ³		Usable oil cap. litres	Handle effort kg	Weight kg	Dimensions in mm								
		1 st stage	2 nd stage				A	B	C	D	E	F			
Single speed hand operated pumps for single acting cylinders and tools															
HP145	2-way	2.9	-	0.45	45	4.6	310	566	128	134	145	40			
HP110	2-way	2.9	-	1.0	45	5.6	558	566	128	134	145	40			
Two speed hand operated pumps for single acting cylinders and tools															
HP227	2-way	12.9	2.3	2.3	38	10.5	544	597	168	135	145	53			
HP257	2-way	12.9	2.3	5.0	38	15.2	545	597	168	135	150	53			