Hi-Force®

HP - MANUALLY OPERATED PUMPS - STEEL



- Single or two speed operation
- Choice of control valves
- Working pressure 700 Bar

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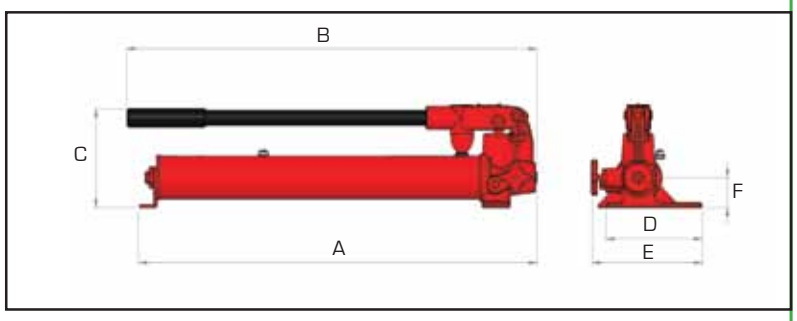
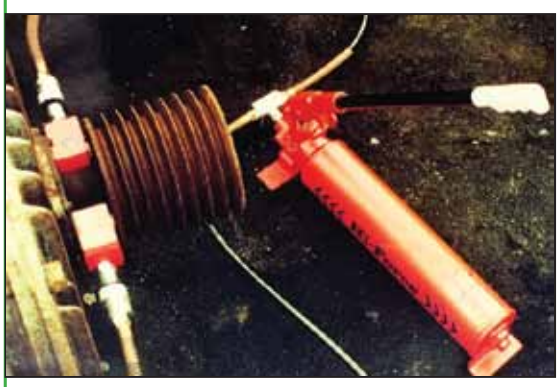
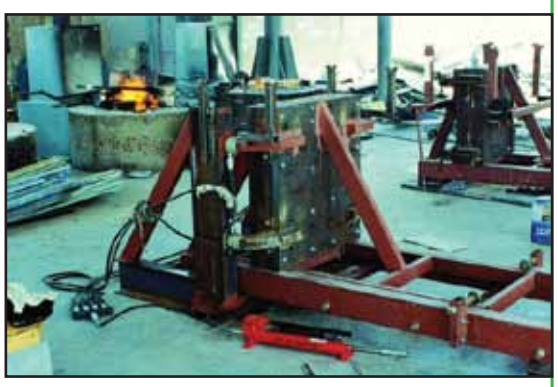
The HP manually operated pump range offers a choice of single or two speed operation and all models are supplied complete with a pre-filled oil reservoir, ready for immediate use. All models have a maximum working pressure of 700 Bar and the range includes pump models suitable for use with either single 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 1st stage	2nd stage	Usable oil cap. litres	Handle effort kg	Weight kg
Single speed hand operated pumps for single acting cylinders and tools						
HP145	2-way	2.9	-	0.45	45	4.6
HP110	2-way	2.9	-	1.0	45	5.6
Two speed hand operated pumps for single acting cylinders and tools						
HP227	2-way	12.9	2.3	2.3	38	10.5
HP257	2-way	12.9	2.3	5.0	38	15.2

Dimensions in mm A	B	C	D	E	F
350	590	140	135	150	40
570	580	140	135	150	40
550	610	160	135	150	53
560	620	160	135	150	53