

## HAND OPERATED H-FRAME PRESSES

Palmgren's Hand Operated H-Frame Press Line consists of 10, 25- and 75-ton presses. Each machine is constructed from heavy duty steel plate that is welded together. The combination of rigid construction and industrial grade hydraulics make Palmgren's H-Frame presses the ultimate solution for the serious fabrication and machine shop owner who demands the only the best quality from his operation.

### Standard Features:

- Pressure gauge for direct pressure readings
- Easily adjustable table for quick height changes between applications
- Holes in side frames allow for insertion of long material
- Hand operation for economic performance
- Efficient hand pump is conveniently located for reduced operator fatigue
- Fully-welded heavy steel plate frame for maximum rigidity
- Factory preset relief valve to prevent exceeding maximum pressure capacity
- By-pass hole prevents excessive ram extension
- Rapid ram return starts as soon as release valve is opened and may be stopped at any point by closing the valve
- Single acting cylinder design for improved operation



Item #	9661610	96611	961613	9661615	UM
Maximum Pressure	10	10	25	75	TON
Ram Size	6.3	6.3	6.3	11.81	In
Ram Diameter	1.5	1.5	2.28	2.5	In
Throat Capacity	19.5 x 11.81	19.5 x 11.81	19.7 x 14.17	23.6 x 15.75	In
Largest Arbor Extension	6.3	6.3	6.3	11.81	In
Maximum Work Diameter	19 x 19	19 x 40	19 x 19	23 x 25.5	In
Minimum Work Diameter	19 x 0.04	19 x 0.04	19 x 0.04	23 x 0.75	In
Leverage Ratio	400/1	400/1	1000/1	3000/1	Lbs
Table Weight	22	22	88	175	Lbs
Dimensions	23"x17"x36"	24"x17"x60"	23"x17"x76"	50"x23"87"	L x W x H
Weight	86	130	260	460	kgs