



# General Purpose Workshop/Straightening Press

## HPA

For many repair and assembly jobs

These general purpose workshop/straightening presses come in 30 to 150 ton press power and are perfect for many repair and assembly jobs, including the straightening of beams, shafts, axles and profiles. They can also be used to remove and replace bearings, pins and bushings. The H-Frame presses are steel welded and come with adjustable table heights.

- Removal and replacement of bearings, pins and bushings
- Straightening of beams, shafts, axles and profiles
- Load tests, welding samples and materials testing, etc.
- Steel welded frame
- Easy to operate
- Stop at any position
- Pressure monometer
- Safety valve against overloading
- V-Blocks standard (2 pcs.)
- Adjustable table height
- Table up-down movement attachment
- Control with special joystick



### Optional configuration

- Movable cylinder
- SICK safety system
- Partial guarding
- NC control
- Tabletops
- Top plates
- Special dimensions, 4000x800 mm (157x31")
- Two-hand operation
- Foot pedal

### Standard configuration

- Pressure gauge
- Adjustable table height
- 2 rectangular base plates
- Operation manual

Specifications		HPA 30/1	HPA 60/1	HPA 80/1	HPA 100/1	HPA 100/2	HPA 150/1	HPA 150/2
		30 ton	65 ton	85 ton	110 ton	110 ton	165 ton	165 ton
Tonnage	kN	300 (30 ton)	600 (65 ton)	800 (85 ton)	1000 (110 ton)	1000 (110 ton)	1500 (165 ton)	1500 (165 ton)
Distance between columns	mm	775 (30")	1040 (41")	1040 (41")	1070 (42")	1570 (62")	1070 (42")	1570 (62")
Max. working pressure	bar	244 (3,600 psi)	236 (3,500 psi)	255 (3,700 psi)	263 (3,900 psi)	263 (3,900 psi)	244 (3,600 psi)	244 (3,600 psi)
Stroke	mm	200 (7.87")	250 (9.84")	250 (9.84")	300 (11.81")	300 (11.81")	300 (11.81")	300 (11.81")
Diameter of piston	Ømm	125x80 (4.9x3.1")	180x120 (7.1x4.7")	200x120 (7.9x4.7")	220x160 (8.7x6.3")	220x160 (8.7x6.3")	280x200 (11x7.9")	280x200 (11x7.9")
Advance speed	mm/s	7.5 (0.3"/sec)	8 (0.31"/sec)	8 (0.31"/sec)	8 (0.31"/sec)	8 (0.31"/sec)	9 (0.35"/sec)	9 (0.35"/sec)
Working speed	mm/s	5 (0.2"/sec)	4 (0.16"/sec)	5 (0.2"/sec)	5 (0.2"/sec)	5 (0.2"/sec)	5 (0.2"/sec)	5 (0.2"/sec)
Return speed	mm/s	10 (0.39"/sec)	10 (0.39"/sec)	10 (0.39"/sec)	10 (0.39"/sec)	10 (0.39"/sec)	10 (0.39"/sec)	10 (0.39"/sec)
Main drive motor	kW	3 (4 Hp)	4 (5.5 Hp)	5.5 (7.5 Hp)	5.5 (7.5 Hp)	5.5 (7.5 Hp)	11 (15 Hp)	11 (15 Hp)
Length	mm	1500 (60")	1710 (68")	1810 (72")	2050 (81")	2500 (99")	2050 (81")	2500 (99")
Width	mm	700 (28")	700 (28")	750 (30")	1000 (40")	1000 (40")	1000 (40")	1000 (40")
Height	mm	1800 (71")	2100 (83")	2100 (83")	2200 (87")	2200 (87")	2270 (90")	2270 (90")
Weight	kg	400 (880 lbs)	800 (1,760 lbs)	835 (1,840 lbs)	1500 (3,300 lbs)	1600 (3,520 lbs)	1870 (4,120 lbs)	2100 (4,620 lbs)
Item No.		<b>9002104</b>	<b>9002105</b>	<b>9002106</b>	<b>9002107</b>	<b>9002108</b>	<b>9002109</b>	<b>9002110</b>