



Press Marking

- » Remove worker exhaustion
- » Suitable for medium output production
- » Easy fitting of workholding fixtures
- » Ideal for use with Interchangeable Steel Type, Manual Numberer and Automatic Numbering Head with a Press Shank

The Range

Hand Operated Press

Pneumatically Operated Press

Integrator Press

Press Shanks

Presses

Impact Percussion Press Range

Ideal for medium output, anywhere in the factory

- Removes worker exhaustion
- Manually or pneumatically operated
- Bench-mounted or integrated
- Easy fitting of work holding fixtures
- Marking force easily adjusted
- Compact and robust

The Pryor Percussion Press is ideal for medium output as it removes any worker exhaustion associated with hitting a marker with a hammer. Ideal use on either regular or irregular workpieces, presses have a large T-slotted work table to enable easy fitting of work holding fixtures. Supplied with tools to adjust settings.

Manual and pneumatic Percussion Impact Presses are ideal for use with a Pryor Number Marking Head when marking serialisation numbers, with a Flymark to indent mark custom designed inscriptions or logos, and for use with Pryor Interchangeable Steel Type and Press Holder when marking either a fixed inscription or a completely changeable inscription.

Marking is achieved by compressing and releasing a spring-loaded ram which can be adjusted to alter the marking force. Pneumatically powered bench mounted Presses work on the same principles as hand operated Presses, but with the addition of an air cylinder to actuate the ram. All integrator presses are pneumatically operated.

Material / Character Height	Marking Load Guide		
	0 – 600kg	0 – 3000kg	0 – 7500kg
Aluminium	Maximum Number of Characters		
1.50mm	10	48	96
2.00mm	7	36	72
2.50mm	6	28	57
3.00mm	5	24	48
5.00mm	3	14	29
Mild Steel	Maximum Number of Characters		
1.50mm	4	12	24
2.00mm	3	9	18
2.50mm	2	7	14
3.00mm	1	6	2
5.00mm	-	3	7

The above maxima are based on an average depth of 0.1mm in a bright finish. More characters can be marked if less depth is acceptable. NOTE: Figures are for guidance only. Pryor will be pleased to offer specific recommendations on Press capacity once full details of the application are received.

COMPATIBLE ACCESSORIES	Page ref.	Description
Interchangeable Steel Type	16 - 32	Combination of Type (Pryor/Imperial/Euro), Press Holder and Shank
Manual Numberer	33	Combination of Manual Numberer and Press Shank
Automatic Numbering Head	34	Combination of Automatic Numbering Head and Press Shank

Manual Operation Press

- Three models available:
 - 114M with 0 – 500kg capacity
 - 115M with 0 – 3000kg capacity
 - 116M with 0 – 7500kg capacity



Above, from left to right: Press with Steel Type Press Holder and Shank, Hand Operated Press without marking tool, with Manual Numberer and Press Shank, with Automatic Numbering Head and Press Shank.

Bench-Mounted Hand-Operated Press:

Marking capacity	0 – 500Kg	0 – 3000 Kg	0 – 7500Kg
Press Dimensions			
Base Area	132 x 210 mm	205 x 309 mm	280 x 443 mm
Overall Height	450 mm	650mm	850 mm
Daylight	260 mm	430mm	390 mm
Weight	10 Kgs	33 Kgs	99Kgs
Marking Table			
Area	100 x 100 mm	160 x 160mm	220 x 220 mm
T-shaped slot	6mm	8mm	12mm
Marking Stroke			
Rack stroke length	30mm	60mm	100 mm
Tool support stroke length	8mm	18mm	22 mm
Usable stroke length	22mm	42mm	78 mm
Machine Shank (round)	HMS060 Shank 6 mm dia. x 30mm Long	HMS100 Shank 10mm dia. x 40mm Long	HMS160 Shank 16mm dia. x 50mm Long