

MV12VP Pneumatic Impact Unit 3/4 Ton

Ergonomic Efficiency, Marking Versatility

Designed for use in indexing tables, transfer systems or assembly machines, the MV12VP is a pneumatic impact marking unit featuring 1,500 pounds of force. Unlike mechanical models, the air cylinder helps to ensure minimum exertion by the operator, making high-volume jobs more ergonomically compliant. All MB Metal Technologies air impact models are double acting. They can be activated by a manual or remote valve. Two-hand and foot controls are available. See "Accessories."

The adjustable impact force remains constant and is not altered by length of stroke, but by adjustment of spring compression. MB Metal Technologies offers a variety of springs for lighter or heavier marking, depending on the substrate to be marked.

The MV12VP adapts to a wide variety of impact jobs, using available tool inserts and marking heads. Units operate in any position and mount at either end using four tie rods with extended threads. The clean, simple design with few operating parts, reduces maintenance.



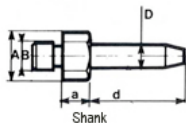
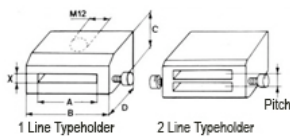
Applications Include:

Marking	Numbering
Forming	Peening
Embossing	Piercing
Riveting	Press Fitting
Center Punching	Assembly
Stamping	Serializing

MV12VP Type Capacity Per Impact Press or Cylinder		
Height	Aluminum	Mild Steel
1mm	12	8
1.5mm	11	7
2mm	10	6
2.5mm	9	5
3mm	7	4
4mm	6	2
5mm	4	1
6mm	N/A	N/A

Specifications:

Max. Impact Force	3/4 Ton (1,500 lbs)
Std. Max. Approach Travel	30mm
Collet Diameter/Depth	6mm
Required Air Pressure	60-90 psi (4-6 bar)
Max. Strokes Per Minute	75
Unit Weight	8 lbs (3.63kg)



Type Set

Downloads: [MV12VP Drawing.pdf](#) [MV12VP Spec Sheet.pdf](#)

[Contact us for parts list.](#)

CAD files are available upon request. Please [contact us](#) for details.



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