

## Spring Activated Marking Presses

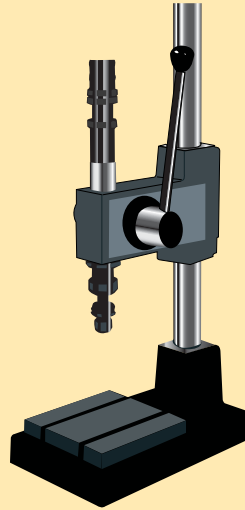


Operates on a spring-actuation principle ... impact never varies, regardless of product thickness. Simply increase or decrease compression on the spring; the greater the compression, the greater the impact. Presses are available with a variety of springs to further increase or decrease the amount of range of impact. Powered manually or pneumatically. Ideal for numbering, coding, marking. Bench mounted or on a transfer line. Can be used in any position.

## Manually-Operated Presses

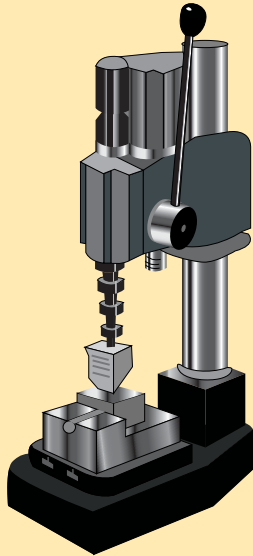
Vertical travel of the energy section is by a gear and rack similar to a drill press.

	MC-11D	MC-18D	MC-30D
Max. Impact	1/2 Ton	2 Tons	5 1/2 Tons
Overall Height	18"	26"	40"
Column Diameter	1.188"	1.573"	2.755"
Throat Depth	3 3/4"	5 1/2"	7 3/4"
Throat Height	12 1/4"	13 1/4"	20 1/2"
Shank Size	.236"x1 1/8"	.393"x1 1/2"	.629"x2"
Table Size	4"x4"	6 1/4"x6 1/4"	8 3/4"x8 3/4"
Net Weight	20#	75#	260#
Price	\$1614.00	\$2225.00	\$3894.00



## Pneumatically-Operated Presses

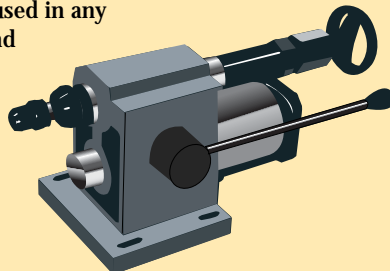
Powered by double-acting pneumatic cylinders, these presses provide significant advantages in set-repeatability, control, safety, reliability and low maintenance.



	MC-19	MC-21	MC-35
Max. Impact	1/2 Ton	2 3/4 Tons	10 Tons
Overall Height	19 3/4"	24 3/4"	32 3/4"
Column Diameter	1.575"	2.362"	3.936"
Throat Depth	3 7/8"	5 7/8"	7 3/4"
Throat Height	11 3/4"	10 3/4"	12 1/4"
Shank Size	.236"x1 1/8"	.393"x1 1/2"	.629"x2"
Table Size	4"x4"	6 1/4"x6 1/4"	9 1/4"x9 1/4"
Net Weight	25#	110#	340#
Price	\$2458.00	\$4016.00	\$7272.00

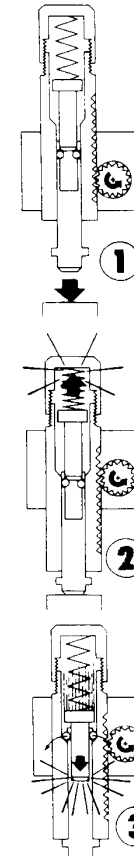
## U-Model Presses ... Use Them In Any Position

Since these presses are spring-activated and do not require gravity for operation, they can be used in any position - vertically, horizontally and upside down. U-Model Presses can be used individually - or in conjunction with indexing tables, transfer stations and other applications involving multiple operations arranged in a series.



## Principle of Operation

The press contains a powerful spring which is compressed during energy section travel until a release point is reached. Compressed energy is released to the hammer which delivers the blow. Two actions are involved: compression and impact.



### Step 1

Energy section is moved toward workpiece by gear rack and pinion, powered by a double-acting pneumatic cylinder.

### Step 2

After workpiece is touched, the stroke continues with the workpiece held in place by energy section pressure. Compression within the energy section builds up as the press continues to maintain contact with the workpiece.

### Step 3

With a powerful compression within the impact section, the impact is triggered after the proper travel.



... MC-11D



... MC-19



... MC-19U



... MC-18D



... MC-21



... MC-21U



... MC-30D



... MC-35



... MC-35U

	MC-19U	MC-21U	MC-35U
Max. Impact	1/2 Ton	2 3/4 Tons	10 Tons
Shank Size	.236"x1 1/8"	.393"x1 1/2"	.629"x2"
Cylinder Diameter	1.5625"	3.75"	4.90625"
Cylinder Area	1.86 sq.in.	9.4 sq.in.	14.18 sq.in.
Net Weight	15#	50#	126#
Price	\$2326.00	\$3508.00	\$6042.00