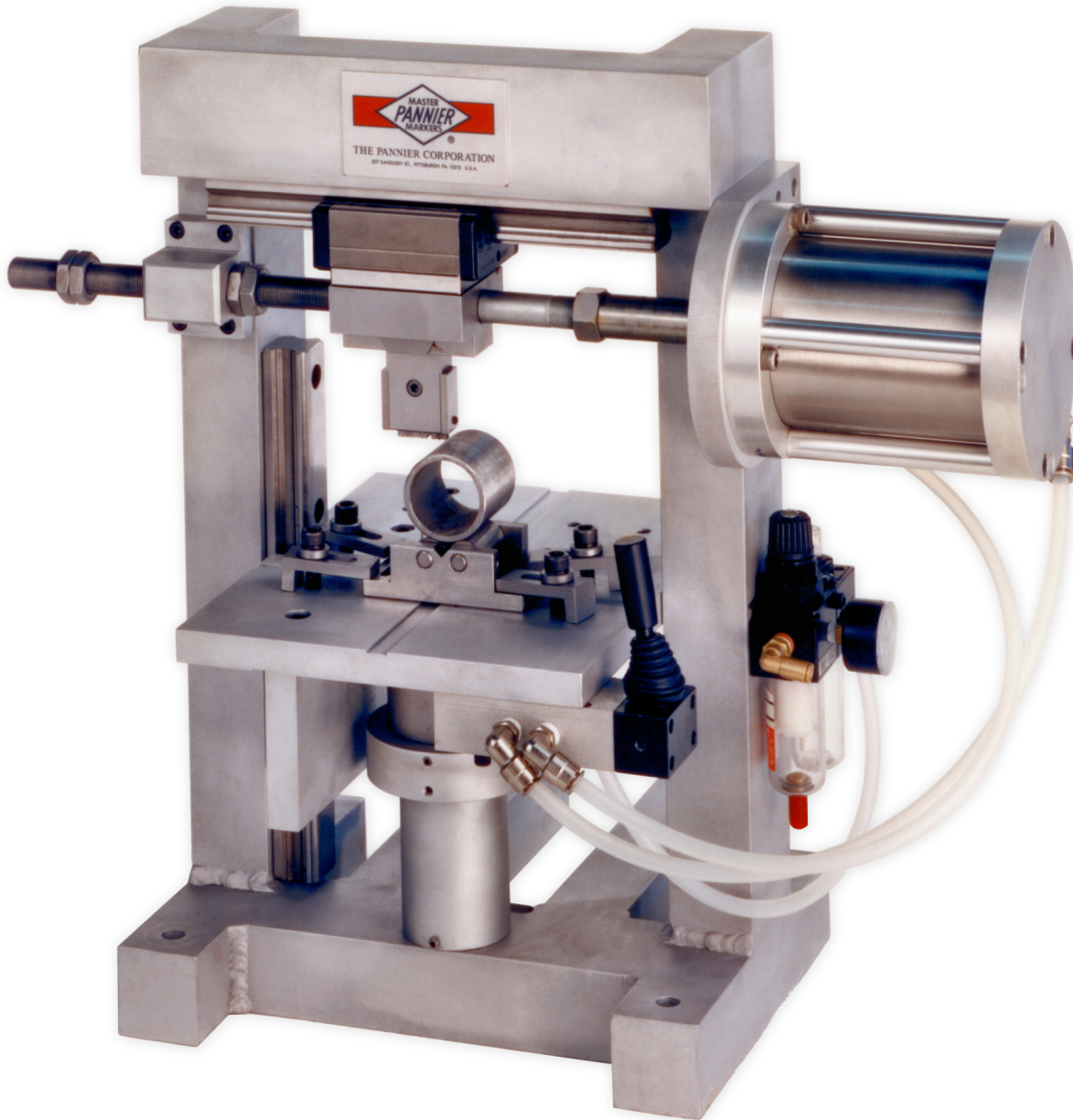




ROLL MARKING MACHINES

INDENTING



High quality marking of round products.

Indent marking on round products is made fast and efficient with Roll Marking Machines. With proper fixturing, solid, hollow, round, and flat sections can be marked consistently through the use of roller dies, steel type holders, or custom engraved steel dies. Standard units can mark up to an 8" diameter part and optional frames are available for larger sizes. Fully adjustable manual and pneumatic units are available.

Marking Rounds :: Cradle rolls are used to support and position solid or heavy-walled round parts. For marking thin-walled tubing, a mandrel support is positioned inside the part to provide backup support and prevent distortion. Flat, engraved steel dies or type holders with individual pieces of type are used to mark around the circumference of the part.

Marking Flats :: Nesting fixtures, used with or without mandrels, are used to position and hold a part in place for consistent and uniform impressions. Roller dies, either custom-engraved or used with interchangeable pieces of type, are rolled across the flat surface being marked.



SPECIFICATIONS

| Model | MFR-05 Pneumatic | MB 71N Manual | MB 41N Manual |
|--|---|-----------------------------|----------------------------|
| Dimensions | 21.4" W x 18" D x 22" H | 13.4" W x 12.2" D x 32.7" H | 11.6" W x 9.5" D x 11.8" H |
| Weight | 100 lbs | 278 lbs | 77 lbs |
| Part Size (Maximum) | 8" diameter | 4.3" diameter | 2.5" diameter (.315" min) |
| Cross Slide Travel | Standard 5" stroke (other strokes available) | 9.84" | 3.94" |
| Throat Height (table to cross slide distance) | 9" | 9.25" | 4.9" |
| Marking Table Size | 10" x 12" | 6.7" x 6.9" | 7" x 9.8" |
| Gap Between Columns | 8.88" (open throat design) | 5.1" | |
| Air Requirement | 100 PSI | n/a | n/a |

ACCESSORIES



SR2 and SR2 Mini Cradle Rolls

These twin roller supports are used on roll marking machines to rotate the part being marked. The marking head causes the part to be rotated during the marking process.



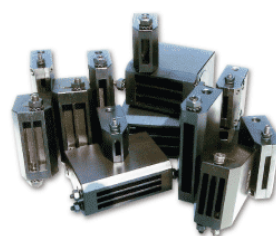
SR2 Adjustable Cradle Rolls

With the SR2 Adjustable supports, it is possible to set the two rollers to suit the exact diameter of the parts to be marked.



S1R and S1R Mini Mandrel Supports

Mandrel supports are used to provide support inside thin-walled tubular components to prevent part distortion.



Type Holders for Marking Rounds

A wide range of type and type holders are available for marking 1, 2, or 3 lines of information on round parts. Holders are attached to the marker with the use of a dovetail adapter plate.



Type Holders for Marking Flats

Round type holders, which can accommodate either one or two lines of wedge-shaped type, are used for marking flat parts and surfaces.

PANNIER CORPORATION

207 Sandusky Street • Pittsburgh PA 15212-5823 USA
412-323-4900 tel • 412-323-4962 fax • sales@pannier.com • www.pannier.com