PR 751 Impact Press
A truly versatile marking machine. Any mark stamped with a hammer blow can be marked using this press. Marking pressures can be controlled from 1 to 8 tons. CMT offers a wide range of tooling and accessories to adapt this machine to your specific marking application.

Keyed Rod

Stamp Holder
(751K style shown)

Double Palm Buttons With Ring Guards
(optional part present cycle switch with marking area guarding)

Standard 4-Way Valve

Industrial Strength Steel Air Lines

Rugged Steel Frame

Fixture Mounting Plate
(unique to part)

Optional Rugged Steel Base
(shown with optional tool cabinet)

Filter, Regulator, Lubricator and Gage Unit
(marking pressure control)
A NOTE ABOUT STAMPING PRESSURE:
The impact pressure required for a metal marking application is dependent on three variables:
1. Character Size
2. Material Being Marked
3. Number of Characters
Please provide this information when requesting a quotation on one of CMT’s impact presses.

OPTIONAL EQUIPMENT:
- XY Positioning Tables
- Manual & Air Powered Slide Feed Fixture
- All Air or Air/Electric Control Systems
- Rotary Tables
- Pre-Determining Digital Counter
- Part Present Cycle Start Feeder Bowls
- Auto-Feed & Eject Systems
- Assembly (Staking) Operations
- Vision Systems Numbering Heads
- Safety Enclosures
- Light Curtain Safety Systems
- Custom Machine Bases

SAMPLE MARKS:
- Rough Surfaces
- Radial Marks
- Raised Character Mark
- Un-Even Surfaces
PR751
Impact Marking Press

CMT offers 2 standard complete bench style machine packages for the PR751 impact marking system:

**Basic Model PR751** includes:
- Heavy duty, steel, bench top frame
- Double acting pneumatic press
- Keyed non-rotating rod
- **SLIDE-A-MARK™** automatic air impact marker
- Air valve
- Air filter, pressure regulator, lubricator, and OSHA required, air shut-off valve with lockout
- Dual, anti-tie down, anti-repeat, palm buttons
- Choice of mounting style for tooling

**Deluxe Model PR751-D** includes:
- Heavy duty, steel, bench top frame
- Double acting pneumatic press
- Keyed non-rotating rod
- **SLIDE-A-MARK™** automatic air impact marker including non-lube feature
- Air valve
- Air filter, pressure regulator, and OSHA required air, shut-off valve with lockout
- Ergonomic, touch-less, electric, dual, anti-tie down, anti-repeat palm buttons
- Choice of mounting style for tooling

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Character Size/Quantity</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/16</td>
<td>3/32</td>
</tr>
<tr>
<td>751KA-50-**</td>
<td>8</td>
<td>5*</td>
</tr>
<tr>
<td>751KA-75-**</td>
<td>12</td>
<td>8</td>
</tr>
<tr>
<td>751KA-100-**</td>
<td>16</td>
<td>10*</td>
</tr>
<tr>
<td>751KA-150-**</td>
<td>24</td>
<td>16</td>
</tr>
<tr>
<td>751KA-200-**</td>
<td>32</td>
<td>21*</td>
</tr>
<tr>
<td>751KA-250-**</td>
<td>40</td>
<td>26*</td>
</tr>
<tr>
<td>751KB-75-**</td>
<td>4†</td>
<td>.75</td>
</tr>
<tr>
<td>751KB-150-**</td>
<td>8†</td>
<td>1.5</td>
</tr>
<tr>
<td>751KB-200-**</td>
<td>10†</td>
<td>1.88</td>
</tr>
<tr>
<td>751KB-225-**</td>
<td>12†</td>
<td>2.25</td>
</tr>
<tr>
<td>751KC-100-**</td>
<td>4</td>
<td>1.0</td>
</tr>
<tr>
<td>751KC-200-**</td>
<td>8</td>
<td>2.0</td>
</tr>
</tbody>
</table>

*Requires a spacer to fill pocket*

**Specify ball lock position in model number i.e. 751KA-50-20**

† Require CMG16W Stamp inserts

COLUMBIA MARKING TOOLS

27430 Luckino Drive TEL: 586.949.8400
Chesterfield, MI 48047 FAX: 586.949.8401
Columbia Model 123K (automatic) and 130K (non-automatic), numbering heads, available tooling options for the PR751, are engineered for durability and high quality marking in industrial conditions.

**Our Numbering Heads Feature:**
- Choice of Manual or Automatic Wheels
- K-Style Mounting for SLIDE-A-MARK™
- A Patented Pawl System That Allows Easy Setting and Positive Character Alignment
- Character Sizes From 1/16” to 1/4”
- Sturdy “No Flex” Frames
- Positive Mark Verification System *(shown)*
- Numbering Head Actuator Available
- Ask About Our Special Julian Date Coding Method

**Steel Type**

Made From Wear Resistant Tool Steel, and Heat Treated In-House, These High Quality Stamp Inserts Stand Up Best Under High Production Marking Conditions

<table>
<thead>
<tr>
<th>Char. Size</th>
<th>A</th>
<th>B</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16</td>
<td>1/16</td>
<td>1/4</td>
<td>CMG06-</td>
</tr>
<tr>
<td>3/32</td>
<td>3/32</td>
<td>1/4</td>
<td>CMG09-</td>
</tr>
<tr>
<td>1/8</td>
<td>1/8</td>
<td>1/4</td>
<td>CMG13-</td>
</tr>
<tr>
<td>3/16</td>
<td>3/16</td>
<td>5/16</td>
<td>CMG19-</td>
</tr>
<tr>
<td>1/4</td>
<td>1/4</td>
<td>3/8</td>
<td>CMG25-</td>
</tr>
</tbody>
</table>

To Order:
Add Suffix Of Actual Letter or Figure To Catalog Number

**CMG** [09 - A] Style

*Custom Type Sizes And Multi-Character Dies Available Upon Request*

visit www.columbiamt.com for complete product line