Grant Riveters has integrated the Process Inspector® control system into our standard riveter to guarantee your operator is forming perfect parts consistently. This user friendly control alerts the operator to non-conforming parts while providing real-time force and distance data. The state of the art control package is a custom PLC/HMI configured specifically for riveters featuring an all-in-one color touch screen control with a digital readout offering easy set up of force and distance triggers. Programs are automatically generated with simple input of high low distance and force data which are saved to your preferred name.

*Force feature is sold as an option.
FEATURES OF RIVETING MACHINES

- Rapid feed to depth with calibrated rivet head height readout
- End of stroke fine feed cushioning
- Fasten rivets to a precise depth or force
- Rigid construction
- Precise Orbital or Spin-Roller motion
- Easy to service and maintain
- Anti-tie-down dual palm buttons or foot switch control
- Standard accessories include anti-rotation Peen locking device.
- Micrometer stop allows for precise adjustment of stroke length

APPLICATIONS:

Precision adjustment of riveting force, time, stroke and speed allows our riveters to be more versatile and offer better control in a wider variety of applications. The Grant riveter can be used for all types of jobs from free pivoting joints to torque resistant joints to tight riveted joints.

HIGHLIGHTS:

- Interchangeable Multi-process techniques
- Fastens to a force or a depth
- Inspects the fastened assembly
- HMI/PLC Touch-Screen control
- Standard I/O is 22 inputs and 21 outputs
- Pre-wired I/O for ease of tool integration
- Calibrated setups for easy change over
- Two year warranty industrial hardened
- Standards advanced features included
- The most features at the lowest price

The most advanced assembly system!

Four Process
All in one machine!

Over 350,000 riveters sold utilizing Grant’s multi-process forming processes: Orbital, Twin-Spin, Multi-Spin and Spin-Press forming technologies.

- Electronics / Electrical parts
- Automotive parts
- Aerospace
- Hardware
- Hand tools
- Industrial
- Lawn / Garden tools and assemblies
- Medical / Surgical instruments

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<table>
<thead>
<tr>
<th>Technical Data</th>
<th>Model-003</th>
<th>Model-005</th>
<th>Model-008</th>
<th>Model-013</th>
<th>Model-016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riveting Capacity</td>
<td>Inch mm</td>
<td>0.12 3</td>
<td>0.20 5</td>
<td>0.32 8</td>
<td>0.50 12</td>
</tr>
<tr>
<td>Adjustable Stroke</td>
<td>Inch mm</td>
<td>0 - 1.18 0 - 30</td>
<td>0 - 1.18 0 - 30</td>
<td>0 - 1.77 0 - 45</td>
<td>0 - 1.77 0 - 45</td>
</tr>
<tr>
<td>Force Output at 5.5 Kg/Cm²</td>
<td>Kg Lbs</td>
<td>216 400</td>
<td>400 904</td>
<td>973 2184</td>
<td>1678 3783</td>
</tr>
<tr>
<td>Motor 3PH</td>
<td>Hp Kw</td>
<td>0.25 0.18</td>
<td>0.5 0.37</td>
<td>0.75 0.56</td>
<td>1.3 0.74</td>
</tr>
<tr>
<td>Thread Depth</td>
<td>Inch mm</td>
<td>4.33 110</td>
<td>4.72 120</td>
<td>5.51 140</td>
<td>7.87 200</td>
</tr>
<tr>
<td>Shut Height</td>
<td>Inch mm</td>
<td>7.0 160</td>
<td>7.0 160</td>
<td>8.1 225</td>
<td>11.0 280</td>
</tr>
<tr>
<td>Adjustable Time Sec.</td>
<td>0.1 - 10 seconds 0.1 - 10 seconds 0.1 - 10 seconds 0.1 - 10 seconds 0.1 - 10 seconds 0.1 - 10 seconds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall Dimensions</td>
<td>Length Inch mm</td>
<td>17.1 435</td>
<td>17.1 435</td>
<td>22.4 570</td>
<td>24.6 625</td>
</tr>
<tr>
<td></td>
<td>Width Inch mm</td>
<td>20.0 510</td>
<td>20.0 510</td>
<td>21.7 550</td>
<td>24.4 620</td>
</tr>
<tr>
<td></td>
<td>Height Inch mm</td>
<td>36.0 915</td>
<td>36.0 915</td>
<td>45.3 1150</td>
<td>52.8 1340</td>
</tr>
<tr>
<td>Standard Features</td>
<td>Machines Surfaces are Hand Scraped With Chromed Quill for Durability</td>
<td>Two Speed Spindle Advance With Oversized Ports</td>
<td>Automatic Lubrication to Back Side of Roll Forming Tools</td>
<td>Highest Grade Product With Festo Pneumatics &amp; Siemens Electrics</td>
<td>Standard Two Year Warranty</td>
</tr>
</tbody>
</table>

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Grant Riveters
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