Grant Riveters

INcredible Three Year Warranty!

Multi-Process Riveting Techniques

Call Today! 800-227-2150

Servo-Electric Multi-Process Orbital Riveters

Made in the USA

Bench Top and Work Cell

High Speed Servo-Electric Orbital Riveting Index System with 100% Real-Time Inspection

Automation
FEATURES OF ORBITAL RIVETING MACHINES

- 100% Programmable stroke
- Fastened to a precise depth of ± .00025" repeatability or fasten to a force
- Our feed to torque servo system will fasten your product to a few pounds repeatability each cycle
- Rigid construction
- Precise orbital motion
- Easy to service and maintain
- All bearings are lubricated for life
- Standard control allows viewing fastening data of the last ten cycles
- Easy 1-2-3 programming allows easy setup of positioning window for distance and force to fasten too
- Ten times more accurate than an Orbitform brand hydraulic riveter with LVDT and load sensor

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.

Ask for "The Tools and The Processes" catalog.

GENERAL SERVO RIVETER SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SGS-010</th>
<th>SGS-013</th>
<th>SGS-016</th>
<th>SGS-023HD</th>
<th>SGS-026</th>
<th>SGS-038</th>
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</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>0.333&quot; DIA.</td>
<td>0.511&quot; DIA.</td>
<td>0.63&quot; DIA.</td>
<td>0.866&quot; DIA.</td>
<td>1.023&quot; DIA.</td>
<td>1.496&quot; DIA.</td>
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<tr>
<td>Material</td>
<td>Mild 1018 Steel</td>
<td>Mild 1018 Steel</td>
<td>Mild 1018 Steel</td>
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<tr>
<td>Adjustable Stroke</td>
<td>0 - 2.0&quot; (0 - 50.8 mm)</td>
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<tr>
<td>Maximum Downward Force</td>
<td>2,500 lbs 113.4 Kgs</td>
<td>3,750 lbs 170 Kgs</td>
<td>10,000 lbs 4535 Kgs</td>
<td>13,000 lbs 5996 Kgs</td>
<td>18,000 lbs 8164 Kgs</td>
<td>30,000 lbs 13607 Kgs</td>
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<tr>
<td>Motor 3 PH, 230v, 60Hz</td>
<td>1.0 Hp 0.74 Kw</td>
<td>1.0 Hp 0.74 Kw</td>
<td>2.0 Hp 1.5 Kw</td>
<td>2.0 Hp 1.5 Kw</td>
<td>3.0 Hp 2.24 Kw</td>
<td>5.0 Hp 3.73 Kw</td>
</tr>
</tbody>
</table>

100% Electrical system, automatic tuning of servo system, no pneumatics or hydraulics, operator interface, 100% programmable stroke with unlimited velocity control, 100% Real-Time Inspection, programmable high-low position window, programmable force output, RS-232 output displays and stores data of last ten cycles, zero backlash ball screw, ± .00025" position repeatability, same operation consistency in all temperatures.

Over 230,000 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
- Armament Systems
- Medical / Surgical instruments
- High production and demanding applications

Grant Riveters
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