

Grant Riveters

INCREDIBLE
THREE YEAR WARRANTY!



MULTI-PROCESS RIVETING TECHNIQUES

CALL TODAY! 800-227-2150

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



AUTOMATION



BENCH TOP AND WORK CELL

SERVO-ELECTRIC
MULTI-PROCESS
ORBITAL RIVETERS

MADE IN THE U.S.A.

FEATURES OF ORBITAL RIVETING MACHINES

- 100% Programmable stroke
- Fasten to a precise depth of $\pm .00025"$ 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 set up 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

MODEL	SGS-010	SGS-013	SGS-016	SGS-022HD	SGS-026	SGS-038
Rivet Diameter Capacity in Mild 1018 Steel	0.393" DIA. (10 mm)	0.511" DIA. (13 mm)	0.63" DIA. (16 mm)	0.866" DIA. (22 mm)	1.023" DIA. (26 mm)	1.496" DIA. (38 mm)
Adjustable Stroke	0 - 2.0" (0 - 50.8 mm)	0 - 2.0" (0 - 50.8 mm)	0 - 2.0" (0 - 50.8 mm)	0 - 2.0" (0 - 50.8 mm)	0 - 2.0" (0 - 50.8 mm)	0 - 2.0" (0 - 50.8 mm)
Maximum Downward Force	2,500 lbs 1134 Kg/Cm ²	3,750 lbs 1700 Kg/Cm ²	10,000 lbs 4535 Kg/Cm ²	13,000 lbs 5896 Kg/Cm ²	18,000 lbs 8164 Kg/Cm ²	30,000 lbs 13607 Kg/Cm ²
Motor 3PH, 230/460V, 60Hz	1.0 Hp 0.74 Kw	1.0 Hp 0.74 Kw	2.0 Hp 1.5 Kw	2.0 Hp 1.5 Kw	3.0 Hp 2.24 Kw	5.0 Hp 3.73 Kw

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

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