

Grant Riveters

Since 1860

www.granriveters.com

PNEUMATIC

MULTI-PROCESS FORMING TECHNIQUES

ORBITAL MULTI-SPIN TWIN-SPIN SPIN-PRESS



INCLUDES ORBITAL
TOOL HOLDER!

8MM ORBITAL
RIVETER SHOWN



TOTAL CONTROL
FASTEN TO A
FORCE OR DISTANCE!

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.

Riveting Systems, LLC dba/ Grant Riveters - 90 Silliman Avenue, Bridgeport, Connecticut 06605 U.S.A. Phone: (203) 366-4557, Fax: (203) 366-0370, Email: sales@granriveters.com

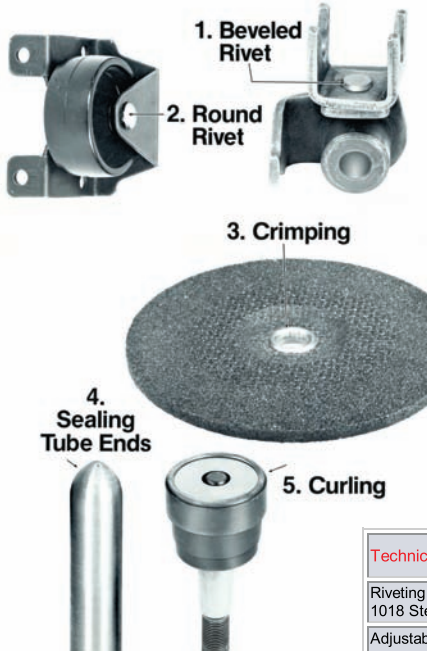
800-227-2150

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.



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

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!

CE compliant Metric Riveter

Technical Data		Model-003	Model-005	Model-008	Model-012	Model-016	
Riveting Capacity 1018 Steel	Inch	0.12	0.20	0.32	0.50	0.63	
	mm	3	5	8	12	16	
Adjustable Stroke	Inch	0 - 1.18	0 - 1.18	0 - 1.77	0 - 1.77	0 - 1.77	
	mm	0 - 30	0 - 30	0 - 45	0 - 45	0 - 45	
Force Output at 5.5 Kg/Cm ² 80 PSI	Kg	216	400	973	1678	3442	
	Lbs	480	904	2194	3783	7760	
Motor 3PH 230/460V, 50/60Hz	HP	0.25	0.5	0.75	1.0	1.5	
	Kw	0.18	0.37	0.56	0.74	1.12	
Throat Depth	Inch	4.33	4.72	5.51	7.87	7.87	
	mm	110	120	140	200	200	
Shut Height	Inch	7.0	7.0	8.9	11.0	8.7	
	mm	180	180	225	280	220	
Adjustable Time	Sec.	0.1 - 10 seconds	0.1 - 10 seconds	0.1 - 10 seconds	0.1 - 10 seconds	0.1 - 10 seconds	
Overall Dimensions	Length	Inch	17.1	17.1	22.4	24.6	25.0
		mm	435	435	570	625	635
	Width	Inch	20.0	20.0	21.7	24.4	26.6
mm		510	510	550	620	675	
Height	Inch	36.0	36.0	45.3	52.8	58.0	
	mm	915	915	1150	1340	1475	
Standard Features		Machine Surfaces are Hand Scraped With Chromed Quill for Durability	Two Speed Spindle Advance With Oversized Ports	Automatic Lubrication to Back Side of Roll Forming Tools	Highest Grade Product With Festo Pneumatics & Siemens Electrics	Standard Two Year Warranty	

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