

Grant Riveters

Since 1860

www.granriveters.com

PRESS, RIVET, STAKE AND ASSEMBLE!

PNEUMATIC

**MULTI-PROCESS
PRESSING TECHNIQUES**



1 TON PRESS SHOWN

TOTAL CONTROL

**PRESS TO A FORCE OR
DISTANCE WITH MULTIPLE
STAGE INSPECTION WINDOWS!**

Grant Riveters has integrated the Process Inspector® control system into our standard press to guarantee your operator is pressing 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 presses 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 into a two-stages of the program. Each program is saved to your preferred name. *Force feature is sold as an option.

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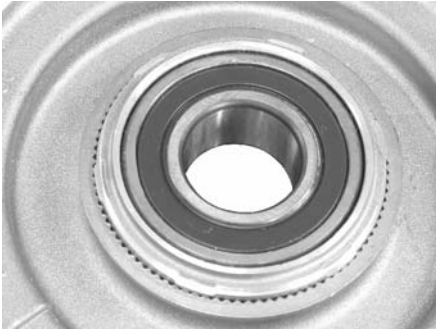
800-227-2150

FEATURES OF PRESS MACHINES

- Rapid feed to depth with calibrated rivet head height readout
- End of stroke fine feed cushioning
- Press parts to a precise depth or force
- Optional two-stage window for detecting slip fit tolerances
- Rigid construction
- Easy to service and maintain
- Anti-tie-down dual palm buttons or foot switch control
- Micrometer stop allows for precise adjustment of stroke length

APPLICATIONS:

Precision adjustment of pressing force, time, stroke and speed allows our presses to be more versatile and offer better control in a wider variety of applications. The Grant press can be used for all types of jobs from pressing parts like bearings into bores, riveting, staking and assembling.



HIGHLIGHTS:

- Quick change tooling
- Press 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!

**CE compliant
Metric Press**

Grant Riveters has sold over 350,000 machines worldwide. We specialize in pressing and riveting type machinery with over 150 years of experience.

- Electronics / Electrical parts
- Automotive parts
- Aerospace
- Bearing pressing and riveting
- Hardware
- Hand tools
- Industrial
- Component assembly
- Medical / Surgical

| Technical Data | | Model - 1/4T | Model - 1/2T | Model - 1T | Model - 2T | Model - 4-1/2T |
|---|--------|--|---|--|---|--|
| Press Capacity | | 1/4 Ton | 1/2 Ton | 1 Ton | 2 Ton | 4-1/2 Ton |
| Adjustable Stroke | | 0 - 1.18" 0 - 30 mm | 0 - 1.18" 0 - 30 mm | 0 - 1.77" 0 - 45 mm | 0 - 1.77" 0 - 45 mm | 0 - 1.77" 0 - 45 mm |
| Force Output at 7 Kg/Cm ² 100 PSI | | 273 Kg 600 Lbs | 514 Kg 1130 Lbs | 1245 Kg 2740 Lbs | 2148 Kg 4725 Lbs | 4409 Kg 9700 Lbs |
| Throat Depth | | 4.33" 110 mm | 4.72" 120 mm | 5.51" 140 mm | 7.87" 200 mm | 7.87" 200 mm |
| Shut Height | | 9.5" 242 mm | 9.5" 242 mm | 10.5" 267 mm | 15.0" 385 mm | 17.5" 445 mm |
| Adjustable Time | | 0.1-10 sec. | 0.1-10 sec. | 0.1-10 sec. | 0.1-10 sec. | 0.1-10 sec. |
| Overall Dimensions | Length | 17.1" 435 mm | 17.1" 435 mm | 22.4" 570 mm | 24.6" 625 mm | 25.0" 635 mm |
| | Width | 20.0" 510 mm | 20.0" 510 mm | 21.7" 550 mm | 24.4" 620 mm | 26.6" 675 mm |
| | Height | 18.5" 470 mm | 25" 635 mm | 33" 838 mm | 39.5" 1003 mm | 48.5" 1232 mm |
| Standard Features | | Machine Surfaces are Hand Scraped With Chrome Quill for Durability | Two Speed Spindle Advance with Oversize Ports | Process Inspector Control PLC/HMI All-in-One! Press to a force or a distance | Highest Grade Product With Festo Pneumatics & Siemens Electrics | Unprecedented Standard Two Year Warranty |

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