



*We're Holding Things Together!*

# 57 Riveting Machine

For standard rivets up to 3/16" diameter

## Features

### High Production

- Gang riveting with multiple head groupings possible because of narrow wedge shaped head design.
- Faster machine cycles from compact air cylinder operating through toggle type drive linkage.
- Less breakage of assemblies with fragile components by load deflection system.
- Quick, positive delivery of rivet with every machine cycle assured by cut-off type escapement.
- Parts supply bins and spill trays can be placed inches from the setting tools.

### Greater Flexibility

- Quick retooling for different rivet sizes with installation of appropriate rails.
- New head positions for other hole patterns can be made by easy rearrangement of individual heads.

### Longer Life

- Power train toggle linkage made of hardened steel components.
- Slide rails of raceways spring steel; back rail stainless steel.
- Better lubrication through more grease fittings.

### Improved Safety

- Solenoid trip permits convenient use of non-tie-down, double palm switches or other safety devices.
- Linkages and most moving parts fully guarded - without loss of production speed.



## Specifications

<b>Rivet Capacity</b>	1/8 inch (3.17mm) diameter by 1/8 inch (3.17mm) length to 3/16 inch (4.76mm) diameter by 3/4 inch (19.05mm) length	<b>Hopper</b>	Rotary, intermittent drive
<b>Air Cylinder</b>	51.5 cu. inch per stroke per head at operating pressure of 60-150 psi	<b>Setting Mech.</b>	Toggle, air cylinder driven
<b>Air Valve</b>	Electrically piloted, air operated, remotely mounted, 8-12 volts	<b>Cycle Time</b>	.5 - .75 second depending on air pressure, rivet size and shape
<b>Stroke</b>	3 inches (73.5mm)	<b>Head Width</b>	3.25 inches (82.55mm)
		<b>Nose Width</b>	9/16 inch (14.28mm)
		<b>Weight</b>	200 lbs

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*Forming, Fastening and Assembly Specialists*

### Titan-Tip Roll Sets

Titanium Nitride coating provides a harder, low-friction surface - reducing the coefficient between forming surfaces to one third that of uncoated tools. This ensures there is no tool deformation or base material characteristic change. Titan-Tip coating also increases tool face hardness to a Rockwell C<sub>80</sub>.

Milford Titan-Tip tools are fabricated for any make or model riveting machine. For better and smoother working clinching tools Titan-Tip is the solution!

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### Rebuilds

Milford can rebuild your riveting machines to "like new" condition. Rebuilding can be done at a cost significantly lower than a new machine, with quick turnaround. A factory rebuild of any Milford carries the same warranty as a new machine.

Rebuilding your equipment increases productivity and production flow, it also helps eliminate downtime due to machine failure caused by wear.

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### Operator Safety

Milford recommends all riveters be equipped with safety devices such as dual non-tie-down palm switches or safety ring guards. Call us for our brochure, "Safety in Riveting".

## REPLACEMENT TOOLING & REBUILDS *for all makes and models of machines*

Milford has over 70 years experience producing tooling for rivet setting machines. We supply highest quality exact replacement tooling. Send us a print or damaged tool - we'll get right back with a quote and delivery information.

Ask about our stock / blanket order programs to assure even faster response to your immediate needs.

**Drivers** - precision machined, shaped and polished to exact characteristics of rivet or fastener.

**Jaws** - also called "pockets" capture and position rivet prior to assembly. Designed to match rivet size and length.

**Roll Sets** - also called "anvils" roll or form the rivet clinch. Controlled clinching through tool shape, finish and surface lubricity is the key to tighter, more dependable and attractive fastenings.



### Orbitform Group

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