

**Air Hydraulic Riveter**

**POWERFUL**

**VERSATILE**

**PRODUCTIVE**

**LIGHTWEIGHT**



**E**volving out of the successful **D-100 Series Hand Hydraulic version, the air operating PT-100 Series Blind Riveter** continues the tradition of offering a unique blend of power, versatility, and compact size. Almost all straight pull style blind rivets with required installation loads of 4,000 lbs or less can be installed with the PT-100 Series Riveter. Although frequently used to install CherryMax® and Huck-Clinch® Blind Rivets, a wide variety of adapters, nosepieces, special pulling head and the new FX-2000 Series Flexible Extensions are available to insure maximum versatility for any single action blind rivet requirement. Cherrylock “A”®/ Olympic-Lok® (NAS 1400A), Huck SMLS (NAS 1900 S), Cherry Monobolt®/Huck Magnalok® (IFI-134/M7885/10) and standard Pop® Style Rivets (MIL-R-24243) are all installable with the PT-100 Series Riveter.

The PT-100 Series Riveter utilizes a patented, air motor driven, multiple valve cylindrical hydraulic pump assembly. Unlike most blind riveters, the PT-100 Series Riveter permits stroke control. Upon trigger actuation, the tool’s nose assembly moves forward as long as the trigger is depressed or until maximum stroke is reached. The jaw assembly, which holds the rivet stem, remains stationary. Trigger movement allows the user to monitor and control the stroke length of the tool as required. A releasing trigger is provided to eject the stem from the nose assembly after the rivet is installed. A built in hydraulic pressure relief system helps insure tool safety and longevity.



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**PT-100 Specifications:**

<b>Pulling Force:</b>	<b>4,000 lbs (1,815 kg)</b>
<b>Stroke Max:</b>	<b>0.625” (16 mm)</b>
<b>Weight</b>	<b>30 oz. (850 grams)</b>
<b>Dimensions:</b>	<b>6”H x 6.75”L x 2.025”W (154mm x 173mm x 52mm)</b>
<b>Power Source:</b>	<b>Air Operated (90 to 120 psig) (620 to 825 KPa)</b> <b>Multiple valve, Cylindrical Hydraulic Pump</b> <b>Assembly with Built in Pressure Relief System</b>

# PT-100 Series Riveter Optional Adapter Configurations



Multi-plane Swivel (optional)

## PT-100 APPLICATIONS:

### ▶ ABDR / AIRFRAME

Designed originally for the USAF ABDR Program, the PT-100 riveter permits the installation of all CherryMax®/Huck-Clinch® style rivets thru 1/4" diameter.

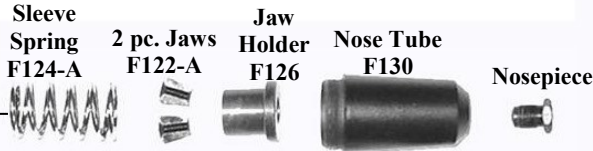
### ▶ GROUND VEHICLES

The PT-100 riveter is easily adapted to install Pop Type rivets, Monobolts®, Mangalok®, Avex®, Cherry Q and Olympic® Bulbtite rivets thru 1/4" diameter. These fasteners are used in ground vehicles, including HMMWV, CUCV, Oshkosh trucks, mobility vans, postal service trucks, overseas shipping containers and portable electronic shelters.

### ▶ MARINE APPLICATIONS

Due to its compact size and light weight, the PT-100 has become the riveter of choice for all shipboard blind rivet applications. Positive stroke control permitting the technician to "walk" a rivet into a limited blind side clearance area coupled with the ability to retain the rivet stem until the installer chooses to release it, makes the PT-100 an outstanding asset in any sheet metal mechanics box.

### Standard Configuration



### Olympic-Lok Pulling Head Configuration



### Blind Bolt Configuration



### CherryMax® Pulling Head Configuration

