

PT-100M-CM Air Hydraulic Riveter

POWERFUL

VERSATILE

PRODUCTIVE

LIGHTWEIGHT



Evolving out of the successful D-100 Series Hand Hydraulic version, the air operating **PT-100M-CM Blind Riveter** continues the tradition of offering a unique blend of power, versatility, and compact size. Almost all straight pull style blind riveters with required installation loads of 4,000 lbs or less can be installed with the PT-100M-CM Riveter. Although most often used to install CherryMax® and Huck-Clinch® blind rivets, a wide variety of adapters, nosepieces, and special pulling heads are available to insure maximum flexibility for any single action blind rivet requirement. The Jaws F-122A are included on the tool for the application of CherryMax® rivets. The PT-100-CM comes with a muffler on the air motor which keeps dirt and sand from accidentally entering the tool when in use.

The PT-100M-CM Riveter utilizes a patented, air motor driven, multiple valve cylinder hydraulic pump assembly. Unlike most blind riveters, the PT-100M-CM 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 it required. A releasing trigger is provided to eject the stem from the nose assembly after the rivet retention, which in pressure relief systems insures tool safety and longevity.

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PT-100M-CM Specifications:

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

PT-100M-CM Series Riveter Adapter Configurations



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.

CherryMax is a registered trademark of Cherry Aerospace. Huck-Clinch & Magna-lok is a registered trademark of Huck AFS. Monobolts, Avex & Cherry Q are registered trademark of Avdel - Stanley Fastening Systems. Olympic Bulb-tite is a registered trademark of Gesipa USA. U.S. Patented Protected. PT-100 is a Systems Mark of Fastening Systems International, Inc.

