

# **PRESS RELEASE**

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For Immediate Release:**

**CORBIN**

Manufacturing & Supply, Inc.  
PO Box 2659, White City, OR 97503 USA

Contact: Dave Corbin, President, 9am-6pm Mon-Thurs  
Phone 541-826-5211, Fax 541-826-8669  
E-Mail: corbin@mind.net

## **ROLLER-BEARING RELOADING/SWAGING PRESS**

The Corbin firm has been manufacturing bullet swaging equipment for at least two decades, including some of the most widely used bullet swaging presses in the world. The Corbin Series II press is an all-steel dual-stroke press (two inch stroke for high pressure swaging operations, and four inch stroke for conventional reloading). Corbin has just announced a new version of this extremely high pressure press, which now comes with a ram extender that accepts standard RCBS type button shell holders and guides spent primers into a removable metal tray, at no extra cost.

Other new features include a block that locks both of the heavy steel links together, virtually eliminating side-play or unbalanced torque to the ram. The links are fitted with a total of four high pressure roller bearings, for smooth, nearly frictionless operation. The ram is not soft screw-stock, as with most reloading presses, but is hardened and tempered chrome-alloy steel. There are no castings used in this press whatever. All parts are machined steel, with a "grenade-pin" to quickly release the ram linkage and reposition it for the desired stroke length.



An expanded neoprene hand grip (similar to that used on industrial chain saws) offers soft yet durable operating comfort. The press head is removable and can be replaced with custom thread sizes for experimental work. The standard thread is 7/8-14 tpi, to accept conventional RCBS-type reloading dies. The press also comes with a floating punch holder for Corbin swaging die sets (the die screws directly into the ram, the punch fits into the holder in the press head for easy adjustment). The largest cast frame reloading presses advertise a top tensile strength of about 40,000 psi, whereas the Series II press is rated in excess of 150,000 psi. For further information and prices, contact Corbin at PO Box 2659, White City, Oregon 97503. You can also phone 541-826-5211, fax 541-826-8669, or e-mail corbin@mind.net. Further info is available on the world wide web at <http://www.shooters.com/corbin>.



## Series II All-Steel Roller Bearing Press

### Background Information:

The Series II Press is sold directly to end users by Corbin through mail order and magazine advertising only. It is a hand-built item, with each press machined in the Corbin die-works, assembled and tested individually by the same crew who build Corbin's precision bullet swage dies. It is entirely made in the USA.

Some of the unique features of this press include the spring-loaded ball bearing shell holder detent, which does not scrape the shell holders or push them to one side like most of the single coil spring retainers found on other reloading presses today. The shell holder is pushed up against the top of the slot rather than forced to one side, and rolls over the ball bearing detent when inserted or removed.

The ram is made of a chrome moly steel, hardened, centerless ground, and tempered. It travels inside of two inch-long Oilite impregnated bronze bearings, each of which is aligned inside a solid piece of heavy walled hydraulic cylinder stock. This steel tube is pressed into a steel block under tons of force, then precision honed before the bearings are inserted. This maintains a smooth, precise alignment of the ram with extremely long life even under high stress bullet swaging operations. When the press is used for reloading, the margin of safety is vastly greater than the most extreme forces that would be used in case forming or resizing.

Although the press is primarily designed as a sturdy bullet swaging device when used with Corbin's dies, the rationale for a handloader to purchase this press instead of a much weaker, over-the-counter mass production press has three components:

1. The trend toward high volume aluminum frame presses may leave some handloaders without a sufficiently sturdy press for experiments such as case reforming. Heavy pressure operations are not usually recommended in progressives or other presses with "trick" shell holder devices. The Series II press stands ready for any such event that might require more pressure than the expensive progressive press would take.

2. A person just getting into reloading might consider going first class with a very strong single station press that would last a lifetime, rather than progressing through several purchases of lesser machines that would be outgrown, and at the same time be prepared for both reloading and bullet swaging (two activities with one press).

3. The appearance, durability, and quality of a roller bearing, steel press appeal to the sense of pride and value that has become a large factor in modern shooting and handloading sports. There is satisfaction in owning and using a well-engineered, professionally built product even if a lower priced mass produced tool would do the job. A side-by-side comparison is impressive even from the visual appeal, without considering the superior mechanical design and long life it affords.

The Series II press sells directly to the end user for \$269.50, and can be exported to most countries where reloading equipment is not prohibited. A 12-inch high bench-top stand with storage shelf is also available for \$49.50 for those who like to work standing up or using a tall shop stool.