

The Corbin **S-PRESS** works with these dies:

*Corbin type -S Swage Dies fit the ram, punch used in floating punch holder.*

*Corbin type -M Swage Dies with optional short stop pin for PF dies*

*Corbin type -R Swage Dies fit press head, punch fits reloading adapter.*

*Corbin type -R, -M, and -S bullet and jacket draw dies (reducers).*

*RCBS-type reloading dies (7/8-14 threads, button/T-slot shell holder). Dies fit press head directly, punch fits reloading adapter (provided free with press).*

Other Corbin dies whose catalog number ends in -S work in the **S-PRESS** (use the optional short stop pin with slotted punches, standard long stop pin for all other punches)

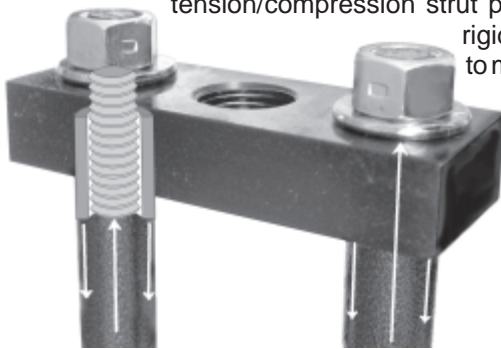
Bullet swage dies have both an internal and an external punch. The internal punch stays inside the swage die during operation. The external punch is used to push components into the die and apply pressure to them. The FPH-1-S floating punch holder comes with the press. It is used to position the external punch for different weights and lengths of bullets with the same set of dies.

A stop pin, in the front of the press, passes through the ram and stops the downward movement of the internal punch causing automatic ejection. Remove the stop pin when using the long stroke (for drawing or reloading jobs).

*Optional long handle (CSP-1LH) compared to standard handle (CSP-1SH)*

Precision alignment is maintained by the unique Corbin tension/compression strut system. Hardened, grade 8 washers transfer force from the head nuts through long threaded rods placed in high tension, countered by the compression force on two sections of heavy wall steel tubing. A precision gauge replaces the ram during assembly. It cannot be removed if the head is not in exact alignment with the ram bore. The tension/compression strut pair provides far greater rigidity than a one-piece rod, to maintain alignment accuracy under hard use.

(Optional field alignment test gauges are available to registered owners.)



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The **NEW**

# S-PRESS

**Steel Frame  
High Precision  
Roller bearing**

**Bullet  
Swaging  
and  
Reloading  
Press**

from



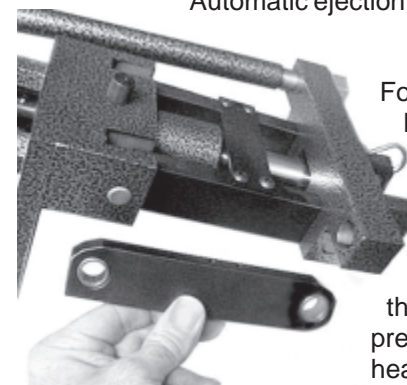
Cat.No.  
CSP-1

**Hand built by  
American  
Machinists  
in the USA**

Automatic handle  
retainer

Left or right hand  
operation

Dual-stroke  
Automatic ejection



Four sets of needle roller link bearings, solid bearings surrounding the precision aligned, hard chromed ram, and steel frame construction make the *S-Press* your best buy in a benchrest precision reloading, bullet-swaging, and jacket-drawing press. Optional arbor-press anvils allow the use of non-threaded dies. Torsion/compression struts maintain extreme accuracy of head to ram alignment.

## Features & Specifications:

- Swages .123 to .458-inch diameter bullets, up to 1.3-in OAL
- Dual stroke design: switch from 2-inch to 4-inch with one pin
- Provides 250% more leverage than standard reloading presses
- Up to 500% stronger than cast frame reloading presses
- Half the effort, 300% faster compared to reloading presses
- Torsion/compression struts maintain precise head alignment
- Standard 7/8-14 thread accepts conventional reloading dies
- Corbin -S dies screw directly into the ram (5/8-24 thread)
- Approximately 22 pounds (11 kg) shipping weight
- Four sets of precision roller bearings in the steel link arms
- Ram travels within two solid bearings in precision honed bore
- Industrial chromed precision steel ram, steel frame
- No pot metal, aluminum or zinc castings are used
- Hand-assembled and jig aligned for benchrest precision
- Free reloading adapter to accept button-type shell holders
- Comfortable neoprene foam grip, left or right side handle mount

## Options:

- CSP-A Arbor-press type screw-in anvil set (top and bottom), use as a high-powered, precisely adjustable arbor press
- CSP-S Self-supporting floor stand with comfortable deck, for easy operation without a bench: in an apartment, den or trade-show.
- FPH-1-QC Quick-change T-slotted punch holder, lets you slip the external punch out to load longer than usual parts quickly
- CSP-LH Long Handle, increased leverage for extra tough jobs.
- CSP-RH Roller Handle, horizontal roller grip similar to Mega Mite.
- Hundreds of Corbin dies to make virtually *ANY* bullet or jacket!

### Now included FREE, with every press:

- FPH-1-S Floating punch holder for pre-set repeatable adjustments to weight, style, or tip opening of the bullet.
- CSP-C Handle retainer clip (kit), holds the handle securely in the up position so that bumping the press or bench won't cause it to fall
- CSP-1R Reloading adapter (for using button shell holders)

## Dual Stroke Operation

Reloading and jacket drawing often require a longer stroke, with less power than bullet swaging. The **S-PRESS** features dual-stroke operation, so you can have more stroke, or more power, whichever is required for the job. *Be sure to use the correct ram stroke (position of the ram-to-toggle pin), so that a given operation can be done easily.*

- **Short Stroke:** In all swaging operations, the ram should be in the **short stroke** mode (ram pin should be in the set of holes which travels in the smaller arc, closer to the toggle bar). If the ram moves too high, or the handle will not travel a full 180-degree arc with the stop pin in place, check the pin that joins the ram to the toggle arms. It is probably in the wrong set of holes (long stroke).
- **Long Stroke:** In nearly all reloading and drawing operations (unless otherwise instructed) the ram must be in the **long stroke** mode (ram pin should be in the set of toggle holes that travels in the wider arc, toward the end of the toggle arms). If the ram won't go up far enough, you probably have it in the short stroke position. The stop pin **MUST BE REMOVED** when you are using the long stroke!

### Moving the toggle-to-ram pin:

Look at the lower part of the press ram and find the single steel pin that connects it to the two toggle arms on either side of it. Notice that one toggle arm has a pair of set screws in it, positioned over each of the two ram pin holes. These hold the hardened and ground ram pin in position.

Loosen the set screw holding the ram pin.

Move the ram so you can access the ends of the ram pin, and gently push the ram pin on one end, until the ram is free (the stop pin will keep the ram from falling completely out of the press if you make sure it is installed).

Move the ram and the toggle until you can easily push the ram pin, by hand, back into the other set of holes in the toggle arms. Do not use force. It will slide in when you have the holes in alignment.

Secure the set screw to hold the ram pin in place. Make sure the ends of the ram pin are flush with or below the surface of the toggle arms, so they won't strike and damage the two links (or stop the press from operating).

