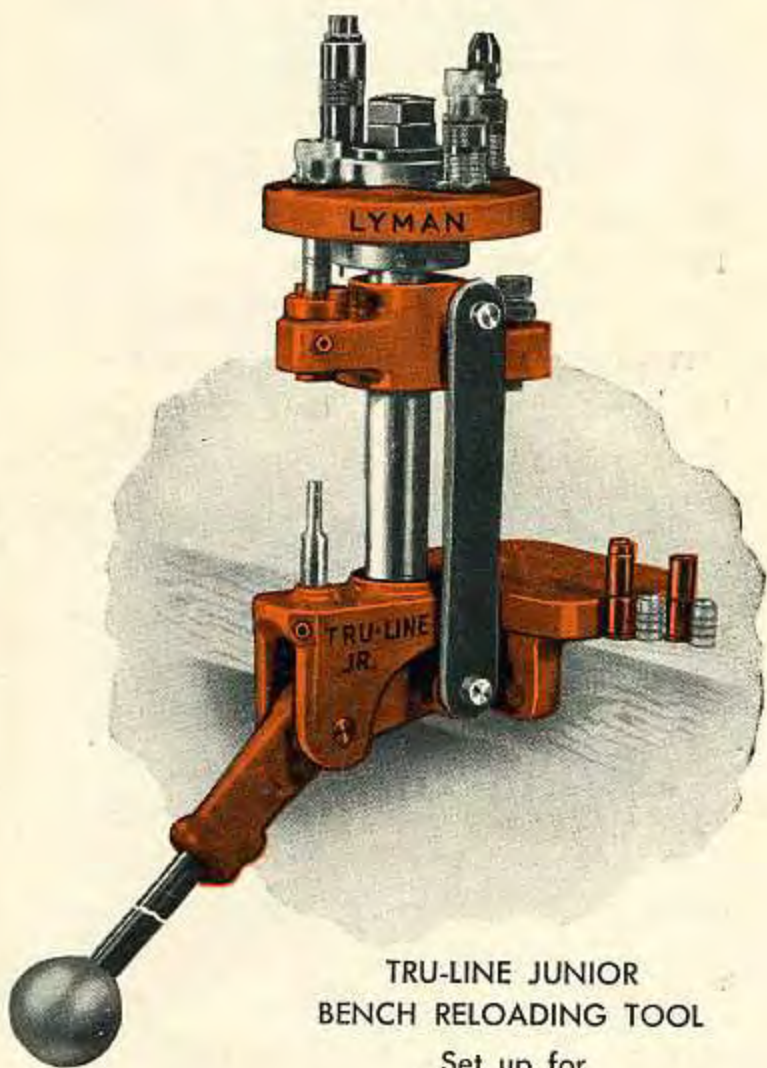


Lyman

TRU-LINE JUNIOR

**Bench Reloading Tool
or Press**



TRU-LINE JUNIOR
BENCH RELOADING TOOL

Set up for
Muzzle Resizing

**THE LYMAN GUN SIGHT
CORP.**

Middlefield, Conn., U.S.A.

Lyman

TRU-LINE JUNIOR

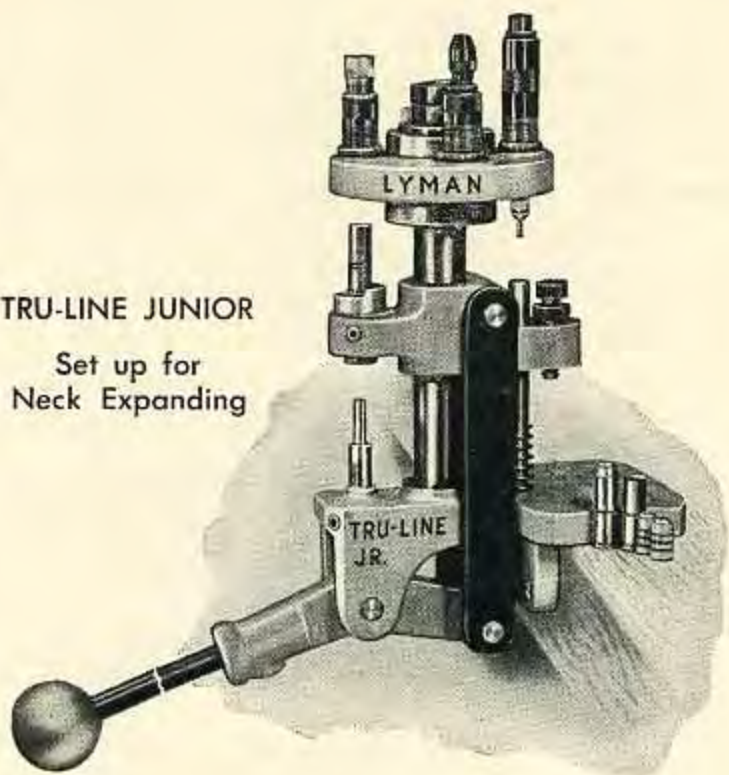
Bench Reloading Tool or Press

The sturdy, compact Straightline Bench Reloading Tool uses inexpensive chambers which are familiar to those who have used Ideal Reloading Tools. In fact, this Tru-Line Junior Tool is designed to use the same chambers that are used in Ideal Hand Reloading Tools which many reloaders now have. Reloaders with Ideal Double Adjustable Chambers and Muzzle Resizers now used with hand tools and designed for various calibers of cartridges can use these same tools interchangeably in the Tru-Line Junior Tool.

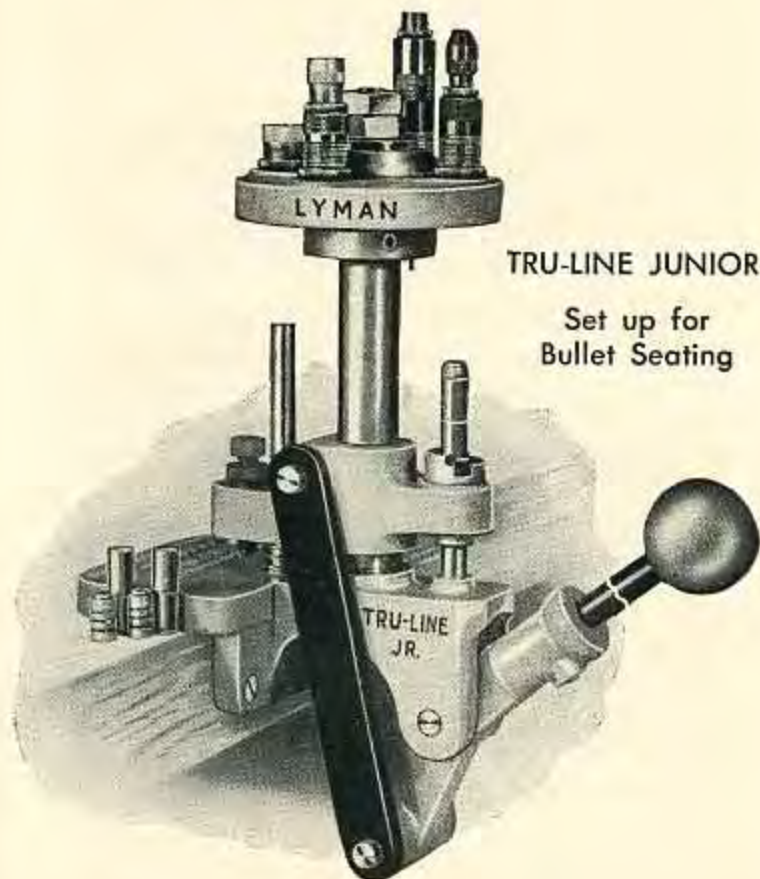
The Turret on which the tools are located rotates and is self-centering. The various tools being located on the rotating and self-centering Turret permit the press to be set up completely for all operations on one cartridge except full length resizing. With the Tru-Line Junior Tool the operations of decapping, priming, muzzle sizing, expanding neck, seating bullet and crimping the case can all be readily performed in any sequence that is most convenient for the operator.

The Tru-Line Junior Tool is furnished with decapping chamber, but without other accessories. It is also available complete with the necessary

TRU-LINE JUNIOR
Set up for
Neck Expanding



TRU-LINE JUNIOR
Set up for
Bullet Seating



chambers or tools for most popular cartridges.

The Priming Punch for seating the primer has a slightly concave surface so that flat or rounded primers can be seated without being deformed.

An Adjustable Stop regulates the depth of the primer seating if desired.

The tool is designed to use chambers for most popular cartridges.

The Toggle Joint design enables the operator to exert maximum pressure with least effort and sufficient leverage is provided in this way so that "crimped in" primers in the .30-'06 Govt. cartridge can be readily and directly removed without undue effort.

The Tru-Line Junior Tool is easily attached to a bench by four mounting screws and requires no cutting of the bench.

The Priming Punch and Shell Holder are held in place by hollow head set screws for which proper wrench is furnished.

The Tru-Line Junior Tool is designed to give good service for many years and with minimum possibilities for breakage.

The Tool should be located on a bench of convenient height for the operator and the bench should be of substantial construction, fastened to the floor or wall. A sturdy bench will be of great help in producing reloaded ammunition quickly and easily.

The shipping weight without tools is $11\frac{1}{2}$ lbs. and the shipping weight with tools complete for one cartridge approximately 12 lbs.

Directions for Using The Tru-Line Jr. Press

1. The Press should be fastened securely to a substantial bench and it is suggested that the two screws on the edge of the bench be put in first and then the ones on the base itself.

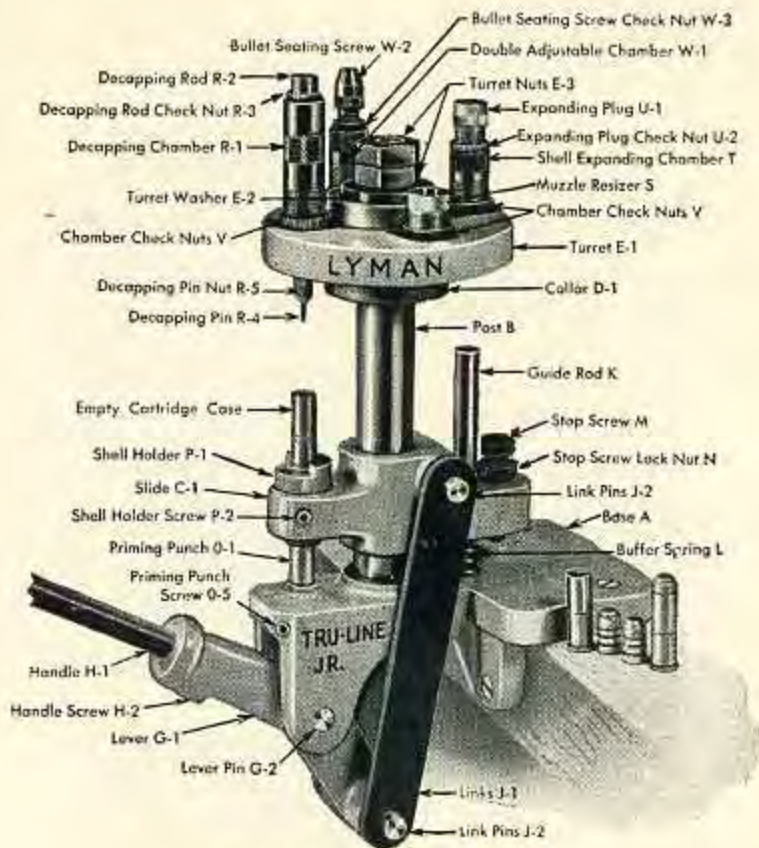
2. Fasten handle to lever G. Hold in place with screw H-2. Fasten priming punch complete, O-1, in place. Insert shell holder P-1. Hold in place with screw P-2. All of these are hollow head screws and a wrench is provided for tightening.

3. Screw decapping chamber, muzzle resizer, shell expanding chamber and double adjustable chamber with decapping punch into turret. These may be put in in any sequence but it is advisable to follow the one given above. Place empty fired case in shell holder P-1. Adjust decapping chamber and decapping rod so that the decapping pin will remove primer when the slide is in highest position.

4. After removing primer, remove case from shell holder. At this time the primer pocket should be inspected and cleaned if necessary.

5. It is suggested that the next operation be muzzle resizing. Place empty decapped shell in shell holder, adjust muzzle resizer so that the neck will be resized with slide in top position only as far as the bullet is to be seated. Turn turret so that expanding chamber is in line with case, adjust expanding chamber and plug to the desired depth with slide in top position to expand necks. It is suggested at this time that primers be inserted. Merely place primer in the priming punch bushing and the primer will be inserted in the case when the slide is returned to the lowest position. Care should be taken to see that primers are seated to the bottom of the primer pocket but are not crushed. The primer stop screw M may be adjusted to regulate the depth of the primer seating if desired.

6. Remove primed cases from shell holder. Measure proper charge of powder either with a mechanical powder measure such as the No. 55 or with a scale. If scale is used it will be desirable to have a small funnel for pouring powder into cases. After powder charge is in the case bullets should be started into the case neck by hand, then replace shell in shell holder, turn double adjustable chamber to line up with empty case, adjust the double adjustable chamber with slide in top position, first by turning the seating screw very nearly out. For simplicity in making this adjustment it is desirable to have a case already loaded. The chamber should be screwed in to the point where the case comes against the crimping chamber, then the bullet seating screw turned down until it just bears snugly on the bullet. It may possibly be necessary to make some slight adjustment after one or two cases have been loaded. When the adjustments are completed the chamber check nut should be turned tightly against the turret head and the set screw in each chamber check nut turned up with a screw driver.



Set up for Decapping

PARTS FOR TRU-LINE JUNIOR

- | | |
|-------------------------|--------------------------------|
| Base A | Stop Screw Lock Nut N |
| Post B | Priming Punch O-1 |
| Slide C-1 | Priming Punch Bushing O-2 |
| Slide Latch Spring C-2 | Priming Punch Bush. Pin O-3 |
| Collar D-1 | Priming Punch Bush. Spr. O-4 |
| Collar Screws D-2 | Priming Punch Screw O-5 |
| Turret E-1 | Shell Holder P-1 |
| Turret Washer E-2 | Shell Holder Screw P-2 |
| Turret Nuts E-3 | Decapping Chamber R-1 |
| Turret Latch Spring E-4 | Decapping Rod R-2 |
| Lever G-1 | Decapping Rod Check Nut R-3 |
| Lever Pin G-2 | Decapping Pin R-4 |
| Lever Pin Screw G-3 | Decapping Pin Nut R-5 |
| Handle H-1 | Muzzle Resizer S |
| Handle Screw H-2 | Shell Expanding Chamber T |
| Links J-1 | Expanding Plug U-1 |
| Link Pins J-2 | Expanding Plug Chk. Nut U-2 |
| Link Pin Retainers J-3 | Chamber Check Nuts V |
| Guide Rod K | Double Adjustable Cham. W-1 |
| Buffer Spring L | Bullet Seating Screw W-2 |
| Stop Screw M | Bullet Seat. Scr. Chk. Nut W-3 |

Manufactured by

THE LYMAN GUN SIGHT CORP.

Middlefield, Conn., U.S.A.

Metallic Sights • Telescopic Sights

Ideal Reloading Tools • Cutts Comp