COMPLETE INSTRUCTIONS FOR THE

Lee Automator

LEE AUTOMATOR PICTURED FULLY ASSEMBLED WITH ALL OPTIONS MOUNTED ON A LEE CHALLENGER PRESS.

The Lee Automator will fit any press that uses standard dies and shell holders, provided the ram is vertical and there are no projections above the die opening. The stroke of the press must be at least 3.127" (79mm) and the distance from the top of the press to the top of the ram when it is in the full up position must be no more than 1.605" (41mm).

The Lee Automator uses standard Pro 1000 parts and accessories.

TP2113 3/4-18x1¼ Bolt [2]
TR2463 7/8-18x2¼ Bolt
90497 Turret Ring
TP2126 Turret Ring
AU2452 Z-Bar (Rent)
TR460 Left Rear Column
Action Rod

AU2993 Automator Base Plate $0.50
AU2992 Nylon Spacer $1.50
AU2994 Attach Stud
AU2999 3/16 Jam Nut [3]
AU0001 Ram
AU2998 Ram Adapter
AU2737 O-Ring [not shown]
AU2777 Automator Instructions

Guarantee

The Lee Automator is guaranteed not to wear out or break from normal use for two full years, or it will be repaired or replaced at no charge if returned to the factory. Any Lee product of current manufacture, regardless of age or condition will be reconditioned to new, including a new guarantee, if returned to the factory with payment equal to half the current retail price.

VERY IMPORTANT: Do not attempt to assemble, mount or use the Automator before completely reading and fully understanding the instructions.

CAUTION Ammunition reloading can be dangerous if done improperly and should not be attempted by persons not willing and able to read and follow the instructions exactly. Children should not be permitted to reload ammunition without strict parental supervision. Always wear safety glasses when reloading and shooting.

Listed loads are maximum safe loads with allowances for powder density and bulk measurement variations. Ammunition loaded with these tools and data should only be used in modern guns in good condition. We do not accept responsibility for ammunition loaded with these tools or data as we have no control over the manufacture and storage of components or the loading procedure and techniques. Primers and gun powder, like gasoline and matches, can be dangerous if improperly handled or misused.
Mounting The Automator On Your Single Stage Press

1. The Automator is attached to your single stage press by the connector threading into the die station. Make sure the nylon spacer is between your press and the Automator.
2. Tighten the connector with a 1” wrench. The round columns should be to the rear of the press.

Tip: If a 1” wrench is not available, simply wedge a screwdriver between the connector head and the hex column. Turn as a unit to tighten to your press.

Install The Ram And The Ram Adapter

1. Snap the knurled ram adapter into the ram of your single stage press.
2. Slide the Automator ram down through the top of the press and connector, threaded end first. Thread the ram onto the adapter with at least two (2) full turns.

Adjust The Sizing Die In The Turret

(Other Dies Will Be Adjusted Later)

1. Thread the sizing die into the turret until it protrudes 7/16" of an inch below the bottom of the turret and tighten the lock ring.

The 7/16" is a very important dimension to insure full use of the press stroke for sizing and priming.

Note: For best results, use Lee Dies as they are designed for progressive use. The Sizing Die has a generous opening to provide smooth case entry.