

Model D4496 Deluxe Pen Press Instruction Sheet

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Introduction

The Model D4496 Deluxe Pen Press (see **Figure 1**) is the ideal tool for pressing pen crafting components quickly and easily. It features a heavy-duty steel base, anodized aluminum knobs, an adjustable rod, and an ergonomic rubber handle. In addition, it features a lever and screw knob to provide dual pressing methods. The heavy-duty steel base can be mounted horizontally or vertically.

The pen press comes mostly assembled from the factory, but the assembly lever must be installed on the toggle clamp prior to use.

Specifications

Maximum Clamp Pressure	300 lbs.
Maximum Stop-to-Stop Opening	5 $\frac{3}{4}$ "
Minimum Horizontal Clearance	31"
Minimum Vertical Clearance	14"
Grip Length	3"
Weight	7 lbs.

Placement

Consider existing and anticipated needs, the size of the pen kits to be held in the press, and space for auxiliary stands, work tables, or other machinery when establishing a location for your new pen press. See **Figure 2** for minimum working clearances.

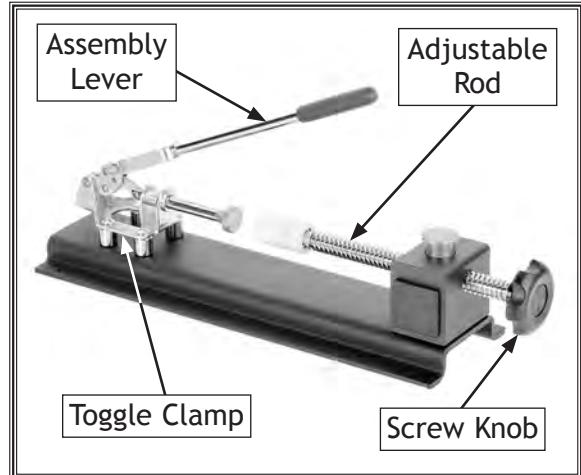


Figure 1. Model D4496 Deluxe Pen Press.

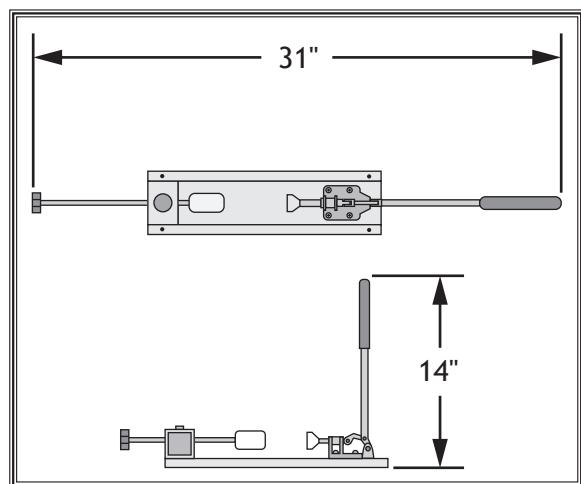


Figure 2. Minimum working clearances.

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Mounting

The pen press can be mounted horizontally or vertically. If you intend to use the press for portable applications, mount it to a heavy metal or wood base (at least 1" thick) that is wide enough to prevent tipping or rocking during use, then clamp it to a workbench or table. If space is limited, secure the base of the pen press to a flat surface with a C-clamp.

Recommended Mounting Hardware	Qty
Hex Bolts or Lag Screws	4
Flat Washers	As Needed
Lock Washers	As Needed
Hex Nuts	As Needed

To mount pen press, do these steps:

1. Place pen press in location to be mounted and mark hole locations (see **Figure 3**).
2. Drill four holes at marked locations.
3. Place press in desired location and verify all four corners of press base sit flat on mounting surface, and that drilled holes align with mounting holes.
4. Attach press using one of the methods outlined below:
 - "Through Mount" (see **Figure 4**). Holes are drilled through workbench and hex bolts, washers, and hex nuts are used to secure press.
 - "Direct Mount" (see **Figure 5**). Pen press base is secured directly to workbench with lag screws and flat washers.
5. Verify stability of mounted press to make sure it does not tilt or shift during operation.

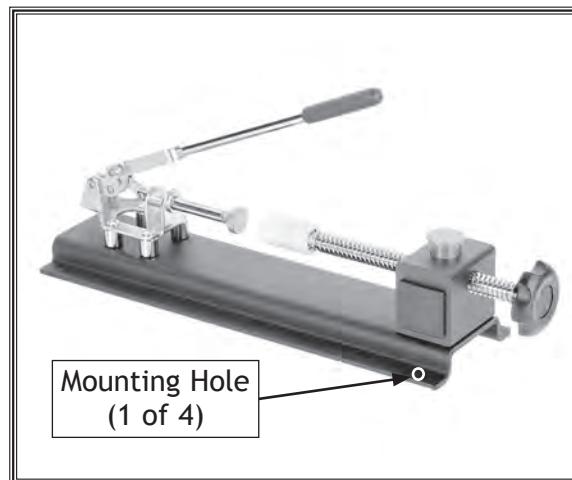


Figure 3. Hole locations on pen press base.

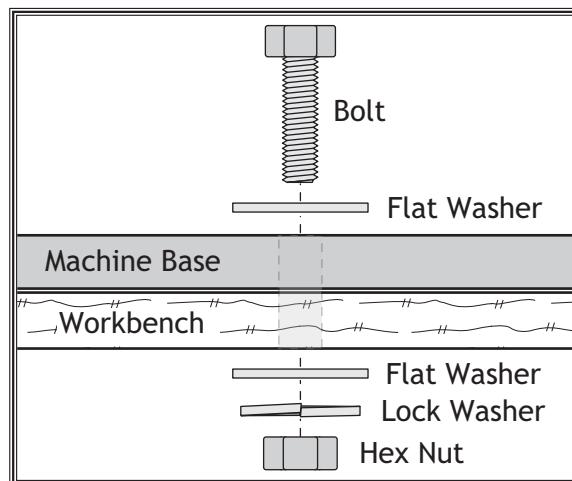


Figure 4. Example of through-mount setup.

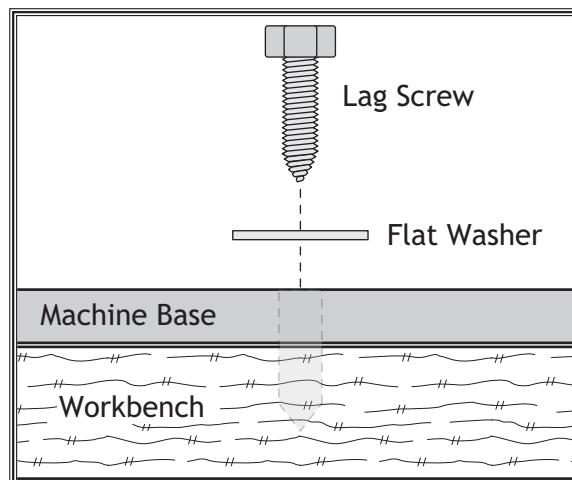


Figure 5. Example of direct-mount setup.

⚠️ WARNING

DO NOT use pen press as a crushing tool, and never press a container with compressed or explosive contents. Flying shrapnel can strike nearby operators or bystanders with great force, causing serious injuries or death.

Operations

1. Verify pen press is securely mounted and stable.
2. Move assembly lever to horizontal position to open toggle clamp (see **Figure 6**).
3. Press and hold quick-release button, then move adjustable rod all the way back.
4. Press tip assembly of pen kit against center of rear stop and hold in place.
5. Rotate screw knob clockwise until pen kit just touches front stop (see **Figure 7**).
6. Rotate screw knob 1/4 turn clockwise to secure pen kit (see **Figure 8**). Rear stop is plastic and spring loaded to ensure pen tip is not damaged.
7. Verify pen kit parts are aligned and centered on front and rear stops (see **Figure 8**).
8. Hold pen kit steady and carefully apply slow, even pressure on pen kit using assembly lever (see **Figure 8**).

⚠️ CAUTION: DO NOT force assembly lever if pen kit parts do not press together. Verify pen kit components are aligned, reposition pen kit between front and rear stops, and repeat **Step 8**.
9. Return assembly lever to horizontal position and remove pen kit from press.

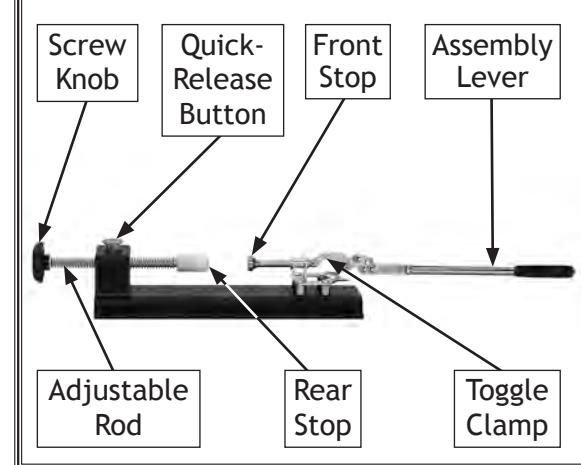


Figure 6. Pen press components.

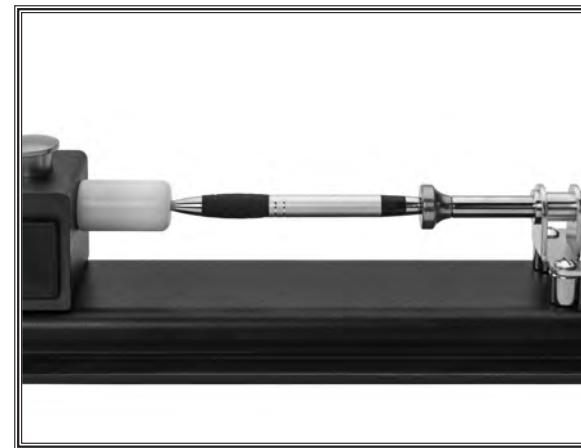


Figure 7. Pen placed between stops.



Figure 8. Holding pen steady during assembly operation.

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