

Model D4495 Pen Press Instruction Sheet



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Introduction

The Model D4495 Pen Press (see **Figure 1**) is the ideal tool for pressing pen crafting components quickly and easily. It features a heavy-duty steel toggle clamp that exerts up to 300 lbs. of pressure, and a lightweight aluminum base that can be mounted horizontally or vertically.

The pen press comes completely 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	6 ³ / ₄ "
Minimum Horizontal Clearance	38"
Minimum Vertical Clearance	17"
Minimum Side Clearance	12"
Grip Length	4 ¹ / ₂ "
Weight	3 lbs.

Placement

Consider existing and anticipated needs, size of pen kits to be held in 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.

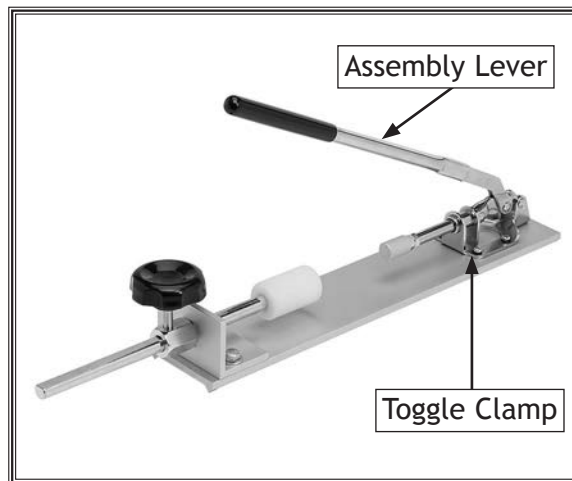


Figure 1. Model D4495 Pen Press.

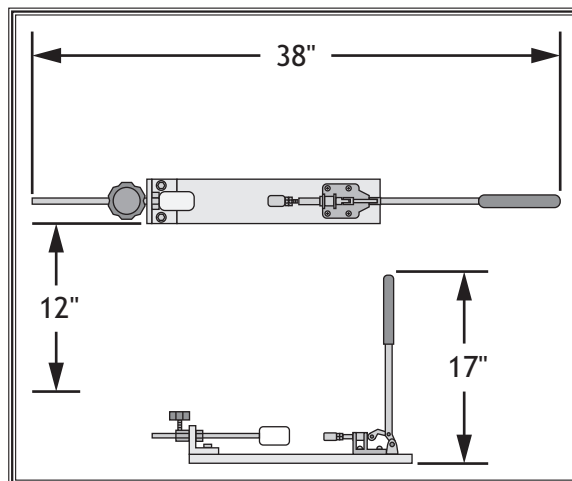


Figure 2. Minimum working clearances.

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Mounting

The pen press can be mounted horizontally or vertically to avoid accidental tipping. 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 Bolt or Lag Screw	2
Flat Washer	2
Lock Washer	As Needed
Hex Nut.....	As Needed

To mount pen press, do these steps:

1. Open pen press toggle clamp, and remove assembly lever and front stop assembly (including threaded stud and hex nuts), as shown in **Figure 3**.
2. Loosen locking handle and slide adjustable rod to fully open position (see **Figure 3**).
3. Drill two holes—slightly larger in diameter than mounting fasteners—in center section of pen press base (see **Figure 3**).
4. Place press in desired location, and verify all four corners of press base sit flat on mounting surface.
5. Attach press using one of the methods outlined below:

⚠ CAUTION: DO NOT overtighten mounting fasteners or you may crack or distort the press base.

- "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.

6. Re-install front stop assembly (including threaded stud and hex nuts).
7. Re-attach assembly lever.
8. Verify stability of mounted press to make sure it does not tilt or shift during operation.

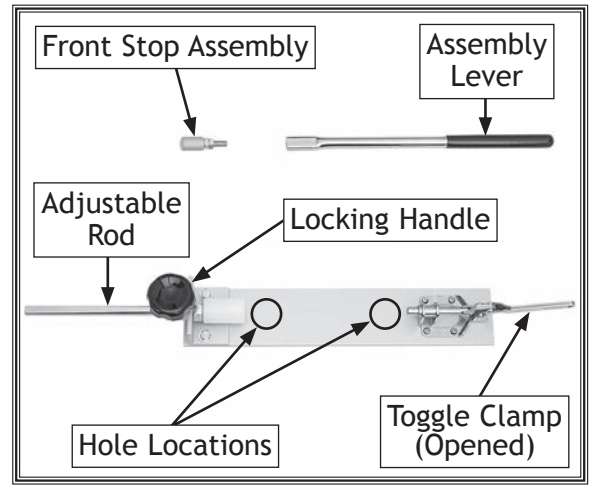


Figure 3. Hole locations on pen press base.

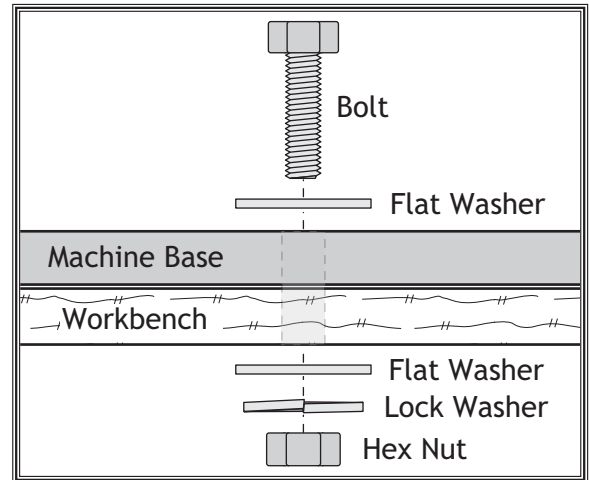


Figure 4. Example of through-mount setup.

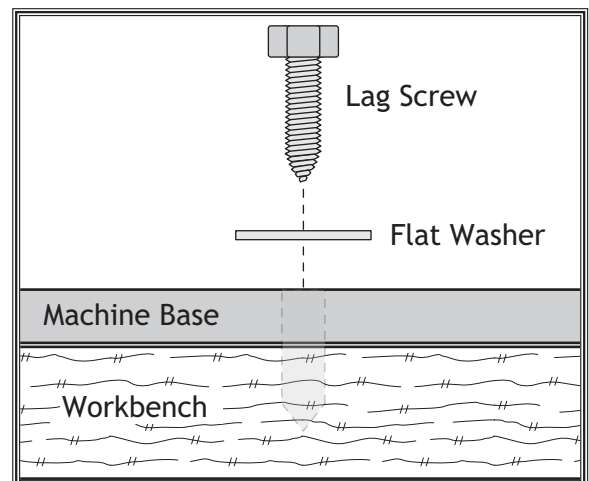


Figure 5. Example of direct-mount setup.

⚠ 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 vertical position to open toggle clamp (see **Figure 6**).
 3. Loosen locking handle so adjustable rod moves freely.
 4. Insert tip assembly of pen kit into center of rear stop.
 5. Slide adjustable rod until pen kit touches front and rear stops.
 6. Tighten locking handle until adjustable rod is secure.
 7. Extend front stop by loosening hex nuts and rotating threaded stud counterclockwise until pen kit is secure (see **Figure 7**). Tighten hex nuts once desired extension is reached.
 8. Verify pen kit parts are aligned and centered on front and rear stops.
 9. Hold pen kit steady (see **Figure 8**) and carefully apply slow, even pressure on pen kit using assembly lever.
- ⚠ CAUTION:** DO NOT force assembly lever if pen kit parts do not press. Verify pen kit components are aligned, reposition pen kit between front and rear stops, and repeat **Step 9**.
10. Return assembly lever to vertical position and remove pen kit from press.

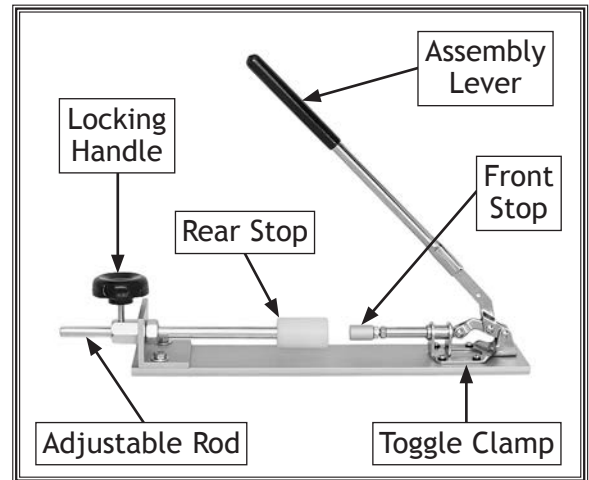


Figure 6. Pen press components.

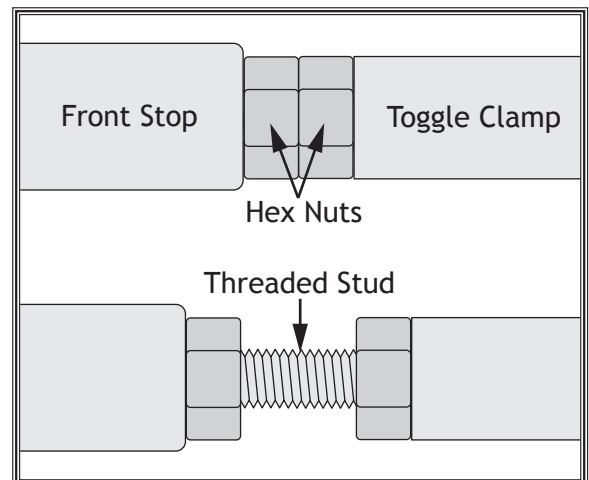


Figure 7. Extending front stop.



Figure 8. Holding pen steady during assembly operation.



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