



10 Ton Floor Model Shop Press

MODEL H6232

INSTRUCTION SHEET

Introduction

The Model H6232 10 Ton Floor Model Shop Press (**Figure 1**) features 10 tons of pressure to handle forming, bending, and bearing installation.

The Model H6232 was carefully packed when it left our warehouse. If you discover this shop press is damaged after you have signed for delivery, *please immediately call Customer Service at (570) 546-9663 for advice. Save all packing materials for possible inspection by the carrier or its agent. Otherwise, filing a claim can be difficult.*

When satisfied with the condition of your shipment, you should inventory the contents.



Figure 1. Model H6232.

Figure 2 - Inventory.

A. Uprights	2
B. Base Supports	2
C. Angle Braces	4
D. Pressure Head	1
E. Round Nuts	2
F. Thin Plate	1
G. Thick Plate.....	1
H. Pump Bracket.....	1
I. Hydraulic Pump.....	1
J. Hydraulic Pressure Gauge	1
K. Support Rods	2
L. Table Plates	2
M. Table	1
N. Crossbeam	1
O. Spreader.....	1
P. Bolt Bag (Not Shown).....	1
—Hex Bolts M12-1.75 x 35	8
—Hex Nuts M12-1.75.....	8
—Lock Washers 12mm.....	10
—Hex Bolts M8-1.25 x 25	16
—Hex Nuts M8-1.25.....	16
—Lock Washers 8mm.....	16
—Hex Bolts M10-1.5 x 130	2
—Hex Bolts M10-1.5 x 20	3
—Lock Washers 10mm.....	3

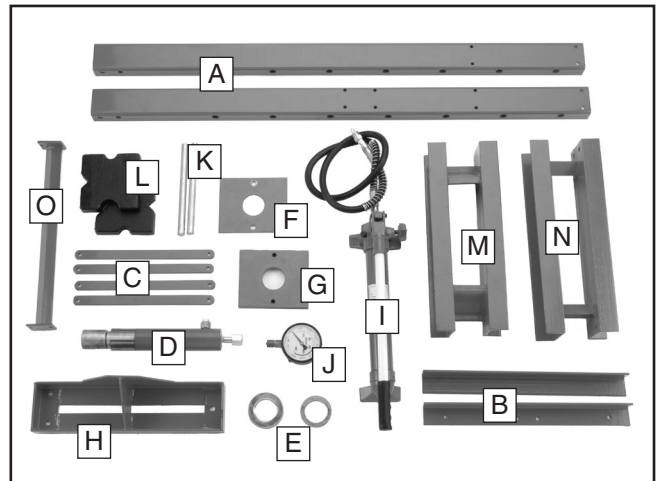


Figure 2. Inventory.

	<h2>⚠ WARNING</h2> <p>Always use ANSI approved safety glasses when operating machinery.</p>
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<h2>⚠ WARNING</h2> <p>This Shop Press is not a toy. DO NOT allow children to use this press. Serious injury may occur if this press is used incorrectly.</p>
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ASSEMBLY

1. Bolt the crossbeam to the uprights with M12-1.75 x 35 hex bolts, lock washers and nuts.
2. Attach the base supports and the spreader to the uprights with M8-1.25 x 25 hex bolts, lock washers, and hex nuts (**Figure 3**).



Figure 3. Base supports installed.

3. Attach the angle braces with M8-1.25 x 25 hex bolts, 8mm lock washers, and hex nuts.
4. Get assistance to tilt the press upright.
5. Slide the thin plate over the pressure head cylinder and screw a round nut onto the pressure head (**Figure 4**).

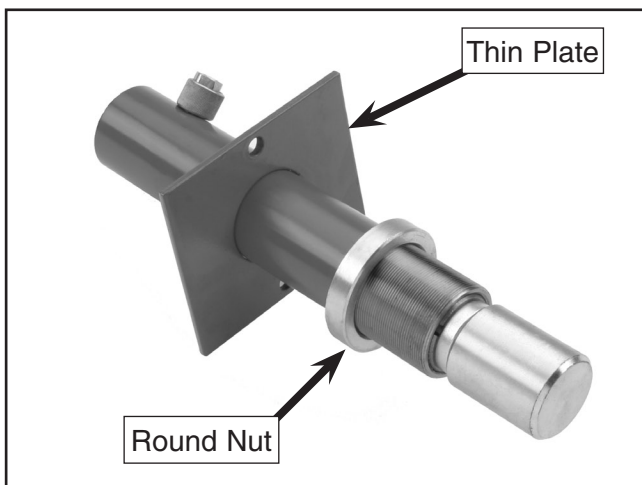


Figure 4. Thin plate installation.

6. Center the pressure head assembly on the crossbar, slide the thick plate against the upper round nut, and screw on another round nut to secure the thick plate (**Figure 5**).

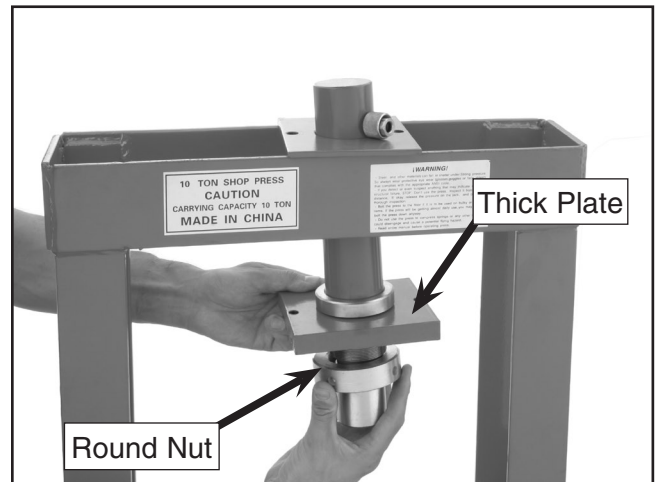


Figure 5. Thick plate installation.

7. Clamp the pressure head assembly to the crossbar with M10-1.5 x 130 hex bolts with lock washers as shown in **Figure 6**.

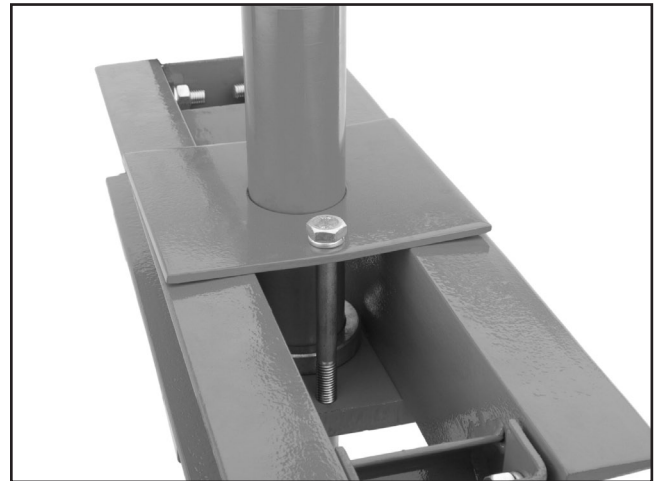


Figure 6. Attaching the pressure head assembly.

8. Coat the threads on the end of the pressure gauge with hydraulic sealant and screw it onto the top of the pressure head.
9. Screw the pump bracket to the upright with M10-1.5 x 20 hex bolts with lock washers.
10. Place the hydraulic pump on the pump bracket and secure with M8-1.25 x 25 hex bolts and lock washers as shown in **Figure 7** on the next page.

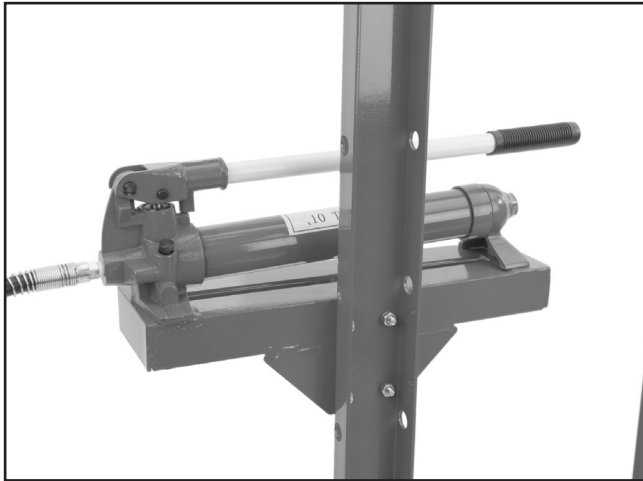


Figure 7. Pump installation.

11. Coat the threads on the end of the hydraulic pump hose with hydraulic sealant and thread it into the pressure head assembly as shown in **Figure 8**.

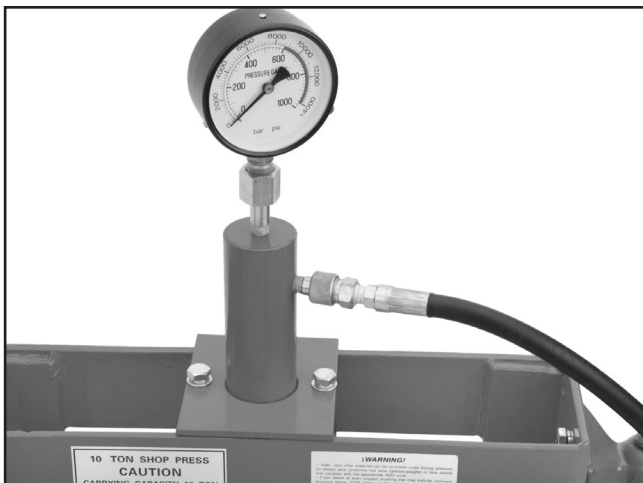


Figure 8. Hose and pressure gauge.

12. Slide a support rod through a hole in each upright. Make sure they are the same distance from the bottom.
13. Tilt the table, slide it between the uprights, and place it on the support rods.



!WARNING

DO NOT compress springs or other objects that could be ejected from the press. **DO NOT** compress objects that could shatter.

OPERATIONS

1. Lift the table until the workpiece is close to the pressure head and place the support rods through the uprights. Lower the table onto the support rods.
2. Place the table plates on the table and put the workpiece on the table plates.

!WARNING

Center the workpiece on the table plates and center the pressure head on the workpiece to prevent injury by ejection of the workpiece.

3. Turn the pressure release valve clockwise to close.
4. Apply pressure to the workpiece by pumping the handle of the hydraulic pump.
5. Turn the pressure release valve counter-clockwise to allow the pressure head to move up and remove the workpiece.



MAINTENANCE

1. Wipe all dirt and dust off the press
2. Apply light oil to the surface of the ram.
3. Check pressure head, and support rods for cracks or damage, and replace if necessary.
4. Remove the plug on the back of the hydraulic jack to check the oil level. Add oil if necessary, replace the plug, then pump the handle several times with the pressure release valve open to bleed the air out of the system.

If you need additional help with this procedure, call our service department at: (570) 546-9663.



PARTS

REF	PART #	DESCRIPTION
1	PH6232001	HEX BOLT M12-1.75 X 130
2	PH6232002	THIN PLATE
3	PH6232003	CROSSBEAM
4	PH6232004	THICK PLATE
5	PH6232005	LEFT UPRIGHT
6	PH6232006	ROUND NUT
7	PH6232007	TABLE
8	PH6232008	SUPPORT ROD
9	PB07M	HEX BOLT M8-1.25 X 25
10	PH6232010	ANGLE BRACE
11	PH6232011	SUPPORT BASE
12	PLW04M	LOCK WASHER 8MM
13	PN03M	HEX NUT M8-1.25
14	PH6232014	SPREADER
15	PH6232015	TABLE PLATE
16	PB07M	HEX BOLT M8-1.25 X 25
17	PB74M	HEX BOLT M10-1.5 X 20
18	PH6232018	PUMP BRACKET
19	PH6232019	HYDRAULIC PUMP
20	PN09M	HEX NUT M12-1.75
21	PLW05M	LOCK WASHER 12MM
22	PB75M	HEX BOLT M12-1.75 X 35
23	PH6232023	PRESSURE HEAD
24	PH6232024	PRESSURE GAUGE
25	PH6232025	RIGHT UPRIGHT
26	PLW06M	LOCK WASHER 10MM
27	PN02M	HEX NUT M10-1.5

