

HTP

HIGH TECH PRESSES Ⓢ HIGH TECH PIPES

Built in the U.S.A., HTP Presses and Pipes are made to strict specifications in order to adhere to high quality standards that will stand the test of time. Using the finest materials including aircraft aluminum, copper and stainless steel sourced from the United States, you can rest assured that your metals are free of toxins. Our Presses are designed to utilize heat as well as pressure in order to gain optimal end results for your product needs.

HTP PRESSES

HTP ROSIN PRESS

Plate Size: 6"x 6" / Shape: Square / Pressure: 1,000 lbs

BIG DADDY PRESS

Capacity: 3" x 3" / Shape: Cylinder / Pressure: 2 Ton

MEGA SQUARE PRESS

Capacity: 3"x 3"x 3" / Shape: Cube / Pressure: 2 Ton

BRICK PRESS

Capacity: 3"x 5"x 3" / Shape: Rectangular / Pressure: 4 Ton

MONSTER PRESS

Capacity: 5"x 7"x 3" / Shape: Rectangular / Pressure: 8 Ton

BIG BASTARD PRESS

Capacity: 7"x 9"x 3" / Shape: Rectangular / Pressure: 10 Ton

MEGA T-SQUARE

Capacity: 3"x 3"x 3" / Shape: Cube / Pressure: Manual T-Handle

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PRESS INSTRUCTIONS





FIGURE 1 Place the entire Press assembly WITHOUT the jack into a pot and boil for 5 minutes. Water level does not need to exceed the bottom of Press body. While the Press is heating, prepare your materials.



FIGURE 2 After 5 minutes of boiling, remove the Press from water using oven mitts. Metal will be very hot.



FIGURE 3 Remove the wing nuts, lid and brick from the Press body. Using Grapeseed oil, lightly lubricate inside the Press body.



FIGURE 4 Lightly lubricate all surfaces of plug with a light film of Grapeseed oil.



FIGURE 5 Lightly lubricate the top rim of the Press body with a light film of Grapeseed oil.



FIGURE 6 Gently place the plug back inside the Press body making sure that it goes in straight and not at an angle.



FIGURE 7 Make sure that the plug is in its furthest downward position and resting on the washers/ledge below.



FIGURE 8 Place the jack underneath the plug making sure that the piston seats into the port. **IMPORTANT!** Failure to properly center the jack will cause the plug to rise crookedly and jam.



FIGURE 9 The Press is now ready to begin filling.



FIGURE 10 Pour the material into the top opening of the Press.



FIGURE 11 Place the lid onto the Press body, tighten the wing nuts and turn the valve on the jack clockwise.



FIGURE 12 Begin pumping the jack handle until you can no longer pump it by hand. **DO NOT** try to apply any additional force once the plug has bottomed out under normal hand pumping.



FIGURE 13 Allow the Press to cool before attempting to open. The material **MUST** remain under pressure while cooling. To expedite the cooling process, you may place the Press upside down in a pot of ice water for 1 hour.



FIGURE 14 When cool, place the Press right side up and turn the valve counter clockwise to relieve the pressure.



FIGURE 15 Remove the wing nuts. Using a flathead screw driver, USE the notch behind the Press body to help unseal the lid from the Press body.



FIGURE 16 Once the lid is removed, Replace all 4 wingnuts back on to the Press body.



FIGURE 17 Turn the valve clockwise on the jack to begin pressurizing.



FIGURE 18 Place the handle back into the jack and begin pumping the newly pressed material out the top along with the plug.