Brew-Boss Brew Stand Assembly Instructions
Thank you for purchasing the Brew-Boss brew stand. The brew stand is designed specifically for the Brew-Boss Electric Brewing System. It provides a sturdy support for your kettle as well as a convenient mounting location for your Brew-Boss controller and tablet. It also includes a rotating jib type boom hoist that makes inserting and removing the COFI filter as simple task. This hoist is designed to be used with a rope hoist or an electric winch. It also includes handy storage locations on the Brew-Boss cross beam for storing your Swirl-Boss, COFI lift ring, and the COFI input hose. The stand is constructed of heavy gauge steel and coated with baked on powder coating.

The Brew-Boss controller can be mounted on either side of the stand. The same goes for the hoist, it can be mounted on either side, opposite the controller.

**WARNING:**

The stand is designed to be free standing. The weight of the water in the kettle is sufficient to lift the weight of the COFI filter and grains within it. Never use the hoist to lift items without a kettle of water at least half full on the main platform! It is the responsibility of the user to assure that proper ballast weight is on the main platform before using the hoist. If possible, mount the stand to the floor or back wall for additional support.

Make certain to use silicone trivets on the support plate to prevent the kettle from sliding and to prevent heat loss to the brew stand.

Your stand is shipped in two boxes. One box contains the main platform, support legs, controller mounting plate, tablet mounting arm, nuts and bolts, jib hoist boom plates (left and right), large hoist washers, and the electric hoist kit if you ordered that option. Please note that the electric hoist kit includes the mounting hardware and pulleys to allow you to mount your own electric hoist.

The illustrations on the following pages show how the stand should look completely assembled. As mentioned earlier, the controller can be mounted on either side of the stand, although the left side as shown is the best choice as the heater cable enters the kettle on the left side. Placing the controller on the left makes routing the heater power cord easier. The jib boom hoist is positioned opposite from the controller.

We find that assembling on a carpet or rug surface prevents scratching of the components during assembly. Find an area to assemble close to your brew area.

Step 1: Locate (16) of the 3/8” x 1” Long Hex Bolts and 3/8” Flanged Nuts.

Step 2: Place the main support platform with the top surface down onto your work surface.
Step 3: Locate the 4 support legs.

Step 4: Attach a support leg as shown to each corner of the main support platform using (4) 3/8 x 1” hex bolts. Hand tighten the nuts only at this time. It is important that they be loose fit in subsequent steps. If the bolts do not easily slide through the holes, you may need to remove some of the powder coating from the holes with an electric drill fitted a 3/8” drill bit.

Step 5: Turn the main support platform over and set it down on the support legs. The back is identified by two square openings in the corners.

Step 6: Locate (2) of the 48” long square tubes (vertical supports). Identify the end with the two holes spaced several inches apart.

Step 7: Locate (4) 3/8” x 2-½” hex bolts and nuts.

Step 8: Insert the tubes as shown with the holes in the tube pointing from front to back. Install (2) bolts and nuts per tube. The nuts should be underneath the main support platform. The back should look like the picture on the right. Again, if the bolts are fitting tightly, you may need to remove some of the powder coating from the holes with an electric drill fitted a 3/8” drill bit.

Hand tighten the nuts at this time only.
Step 9: Locate the Brew-Boss cross member and the two (2) round tubes.

Step 10: Locate (4) 3/8” x 2-½” hex bolts and nuts.

Step 11: Have a friend help you with this step. Place one of the round tubes into the square hole (yes, round tube in square hole!) At the top of one of the vertical support tubes with the holes at the bottom of the tube. Have your friend hold the round tube so the two holes align with the two holes in the top of the vertical support tube. Grab the Brew-Boss cross brace and place it over the front side of the vertical tube with the two holes aligned with the two holes in the vertical tube as well. Push one bolt through at the top of the bracket and hand tighten a nut on the back side. Do the same for the other side. Now place the bottom bolt into each side as well and hand tighten the nuts.

Step 12: Move the stand to the location where you will be using the stand. Position it in place and then tighten all the nuts/bolts, starting from the bottom and working up. This will allow the structure to level itself as you tighten it up and account for minor floor variances. Tighten all bolts that have been installed thus far.

Step 13: Locate the two large boom hoist rotation washers.

Step 14: Place the boom hoist rotation washers over the right or left tube and slide them down so the meet the square vertical tube. These washers act as bearings when the boom hoist is rotated. If the washers fit tightly, you may have to file off the powder coating on the inside of the washers. Use a round file or rotary tool.

Step 15: Locate the remaining square tube as well as the two triangular boom hoist plates (one is left hand and the other is right hand). If you are not using the electric hoist option, assemble the two plates as shown to the square tube using (2) 3/8” x 2-½” hex bolts and nuts. Make certain the formed top edges meet squarely and tighten the bolts.

Step 16: If you have the 22” x 22” Homebrewer’s Stand and are not using the electric hoist option, locate and place a 3/8” x 2-½” Bolt and Locknut in hole B illustrated above. You will use this bolt to hang your rope hoist from. Hole C is used for the Brew-Boss Pro Brew Stand and hole A is for the electric hoist pulley.
If you have purchased the electric hoist option, you will need to install the pulleys and the cable for your hoist at this point prior to mating the two boom plates.

Start by assembling only one side of the boom plate as shown in the picture below. Hand tighten the nuts on the square tube just to hold the plate. Insert (2) 3/8” x 2-½” hex bolts from the bottom as shown so the bolt heads are resting on the work surface beneath the plate as shown. Place a spacer on each bolt as shown.

Next, locate the two pulleys. Now get your electric hoist and retract your hoist cable so you have about 6 feet exposed. Place a pulley and another spacer on each of the bolts as shown. Route your cable as shown in yellow below, over the pulleys. Remove the nuts and place the opposing boom plate over the 4 exposed bolt ends. Align the two formed edges that make the top and tighten the two bolts on the square tube. Now install two of the locking 5/16” nuts on the pulley bolts. Tighten just until the nut meets the plate. Do not over tighten these bolts or you could deform the boom plates.
Step 17: Attach the adjustable tablet mounting arm to the controller mounting bracket using two (2) #10 x 1/2” bolts and nuts. You will need to first remove the mounting boss from the arm assembly by removing the Phillips head retaining screw on the top of the mounting boss and sliding the tablet mounting arm assembly off of the boss.

Next, install the mounting boss as shown below to the mounting plate, making sure the bolts are tightened securely. Now slide the tablet mounting arm assembly over the mounting boss and install the retaining screw. The tablet mounting arm should look like the picture below when properly installed.

Step 18: Attach your Brew-Boss controller to the controller mounting plate. If you are using a legacy controller, you will need to supply your own mounting bolts and nuts. If you are using the new V2.0 controller, use the self tapping screws that came with the controller to screw directly into the back of the controller from the back of the mounting plate. Make sure to tighten these screws only until the head meets the back of the mounting plate as the holes in the plastic box can be easily stripped.

Step 19: Attach the controller mounting plate to the round vertical tube using the supplied U-Bolts at a height that is comfortable for you but at least 8 inches above the cross member so the controller is not in the way when removing the COFI filter. The 8 inch minimum dimension is from the top of the cross member to the bottom of the controller. The small tabs on the mounting plate that get covered by the U-Bolts will get deformed to match the circular profile of the round vertical tube as you tighten the U-Bolts. The bracket should be mounted with the mounting tab for the adjustable tablet mounting arm facing outward from the stand (the controller will be inboard to the tablet).
Step 20: Install the yellow plastic corrugated sheet to the back of the cross-member using the hook and loop fasteners provided. Stick one side the hook and loop fasteners to the back side of the cross-member in areas outside the Brew-Boss cutouts. Then remove the backing from the other side of each hook and loop fastener and stick the yellow plastic sheet them. This step is optional, but gives the stand that can’t wait to show it off look!

Your stand is now complete. Move it into position where you will be using it to brew. Rotate the boom from the center of the kettle position to a position 45 degrees away from the stand. Make certain the boom is clear of all obstructions and that it is far enough from the wall to prevent the hoist or other parts from hitting the wall during operation.

**WARNING:**

The stand is designed to be free standing. The weight of the water in the kettle is sufficient to lift the weight of the COFI filter and grains within it. Never use the hoist to lift items without a kettle of water at least half full on the main platform! It is the responsibility of the user to assure that proper ballast weight is on the main platform before using the hoist. If possible, mount the stand to the floor or back wall for additional support.

If desired, now is the time to mount the stand to the floor or wall by a method of your choosing. Utilize the holes in the legs or fabricate some brackets to tie the stand to the wall.

**Important Note:**

Make certain to use silicone trivets (like the ones we sell on the Brew-Boss web site) to insulate the kettle from the surface of the brew stand and to prevent the kettle from sliding around.

If the boom is too tall for your room, you can cut the square tubing that makes up the vertical section of the boom lift from the bottom an appropriate amount to give enough clearance. Make certain you do not cut too much off, as you need enough height of lift to allow you to lift the COFI filter, with the center infusion tube extended, all the way above the kettle. This height is dependant on the size of your Brew-Boss system.
Brew-Stand Hardware Kit

- Fasteners and Other Hardware
- Boom Hoist Rotation Washers
- Electric Hoist hardware Kit