
evenheat

This guide will walk you through taking delivery of your new Evenheat GTS Series Kiln.

It will also provide instructions on how to remove the kiln from the pallet and disassembly for placement of the kiln.

Prior to taking delivery you should have your ultimate kiln location determined and properly set up as well as proper electrical service installed.

GTS Series kilns are not difficult to set up but it will take some time. Many of the procedures require at least 2 people to accomplish. There is lifting and setting involved and set-up

personnel should be chosen from those who are capable of lifting and maneuvering objects weighing 50 pounds or more.

Figure 1 – As Delivered

Your kiln will arrive via a freight truck.

Generally a “Lift-Gate” option is requested at the time of order or shipping. A Lift-Gate is a movable portion of the delivery trailer and allows the freight company to lower the delivery to ground level where it can usually be slid off by hand.

If a Lift-Gate is not requested for delivery the freight company will simply move the package to the rear of the trailer with the expectation that you will be able to remove it safely. The only way to remove it safely is with a fork-truck. The freight company is not required to remove it from the trailer for you.

After the unloading process, position your kiln in an area free of clutter and easily accessible to make the un-boxing and disassembly process easier.

Figure 2 - Cutting the Straps

The box containing the kiln and shelf (if ordered) is strapped to the pallet by poly strapping.

Using side-cuts or a knife, remove all black straps. After cutting all straps, discard them.

Figure 3 – Unpacking

Remove the packaging material.

Figure 3 - Remove Tube

Remove the tube of the packaging. It is a fairly large piece of cardboard.

We recommend having two people to lift this portion off.

Figure 4

After removal of the tube, you will find your new GTS Series kiln fastened to the decking on the pallet.

You will also see a box which contains your hardware and tools and several assembly parts fastened to the decking as well.

Figure 6 – Remove Lid Prop Bar

The GTS Series units only have one assembly part not fixed to the kiln. This is the lid prop bar. The prop bar is secured to the pallet, using a Phillips screwdriver or drill if available remove fastened screws.

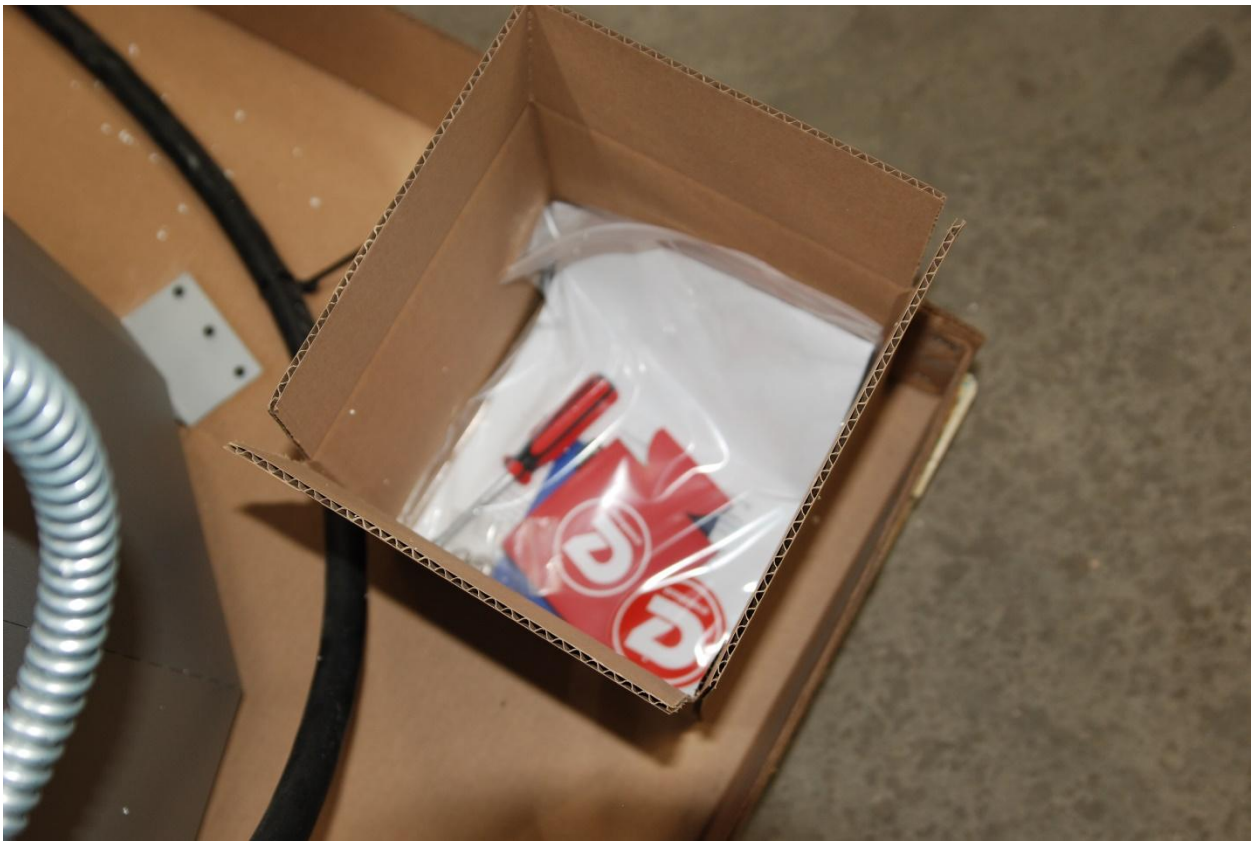

Figure 7 – Parts Box

Identify parts box. Inside you will find the operation manual as well as some tools to assist you with assembly.'

Inside the box you will find:

Kiln operation manual

1 – 1/4 " Nut Driver

1 – T-Nut

1- Acorn Nut

1- Allen Wrench

Figure 8 – Assembly Tools

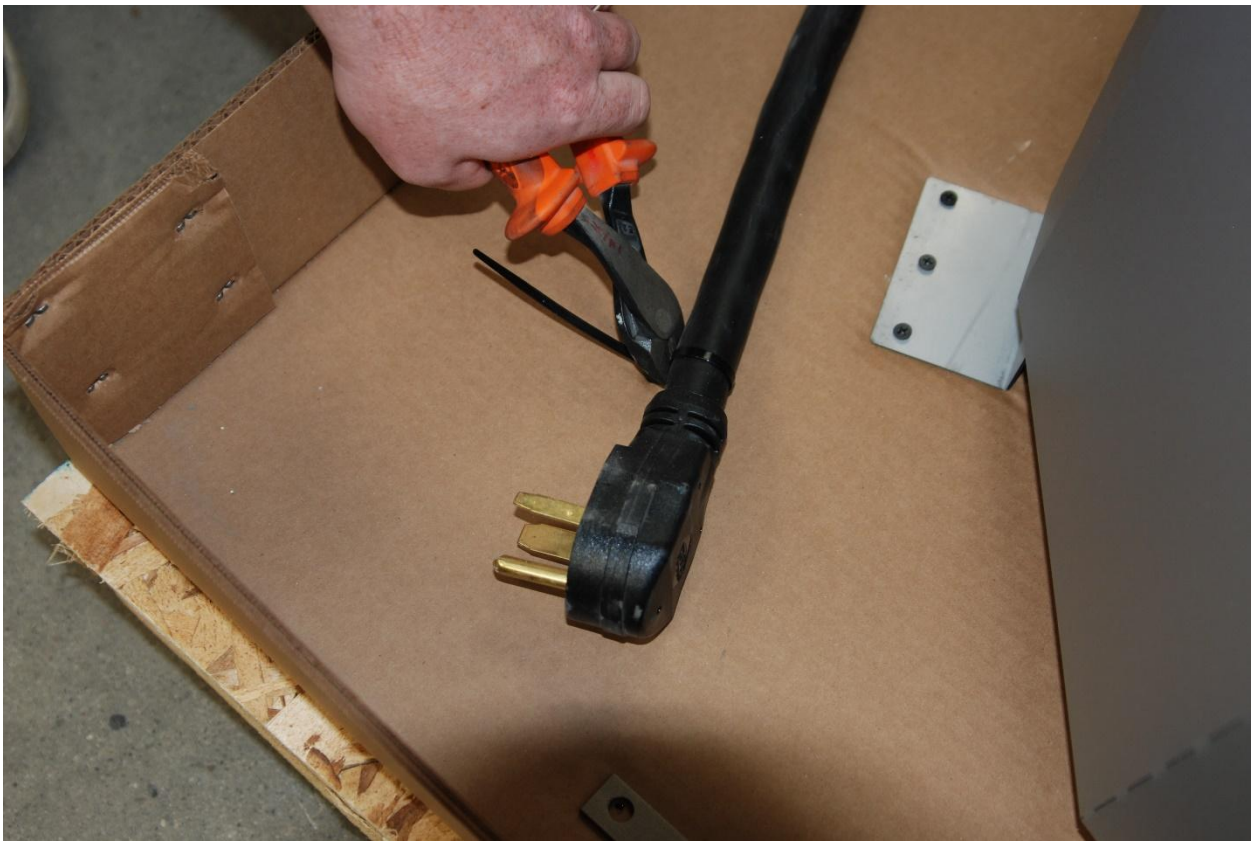

Figure 9 – Power Cord

The power cord for the unit will be fastened down with a screw and a zip tie.

Using side-cuts, cut the zip tie to free the power cord.

Figure 10 – Shipping Brackets

Your kiln will come fastened to the pallet using the shipping brackets show above, there will be four in total. Remove all the screws from the four brackets, make sure to double check you have freed all four brackets.

Figure 5 - Lid Handle Bungee

The Lid handle is attached to the pallet as well. This is done using a bungee-style strap.

To remove the bungee-style strap simply slide each end off of the handle. At this point your kiln is completely free of the pallet.

Figure 12 – Removing Base Brackets

Removing the base brackets will require the ¼” nut driver that is supplied. These brackets help to center the kiln on the base. There will be four brackets in total. Do not discard the hardware nor the brackets. They will be re-installed once the kiln in its designated workspace.

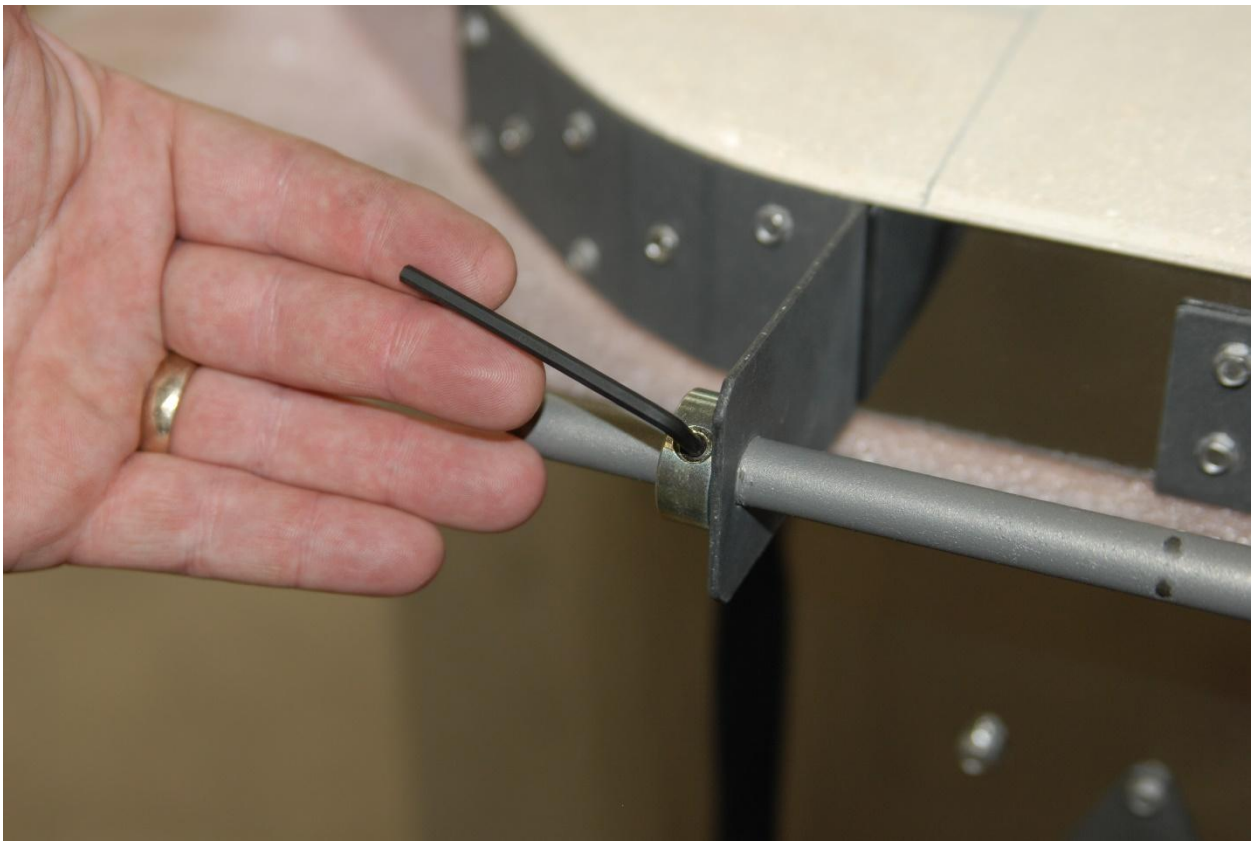

Figure 13 – Removal of Lid Handle

Using the Allen wrench supplied loosen the 9/16 shaft collar on the lid handle.

Figure 14 – Removing Lid Handle Cont.

The GTS unit above is equipped with a Dyna-Lift system (Lid lift assist). This lift system is under constant spring loaded tension. Removing the lid handle will release the Dyna-Lift connection, this will make the lift system rise. During removal of the lid handle keep pressure on the Dyna-Lift arm to prevent it from rising uncontrollably. After removal of the lid handle slowly allow the Dyna-Lift arm to rise.

Figure 15 – Dyna Lift

As mentioned above the Dyna-Lift system is under tension, allow the lift arm to slowly rise to it resting position. Try to keep the rising of the arm under control.

Figure 16 – Removing Chamber

At this point the kiln's chamber is free from the base. Carefully lift the chamber off the base and set aside.

Figure 17 – Base

At this point the base is detached from the pallet and is ready to be moved to the kilns final location.

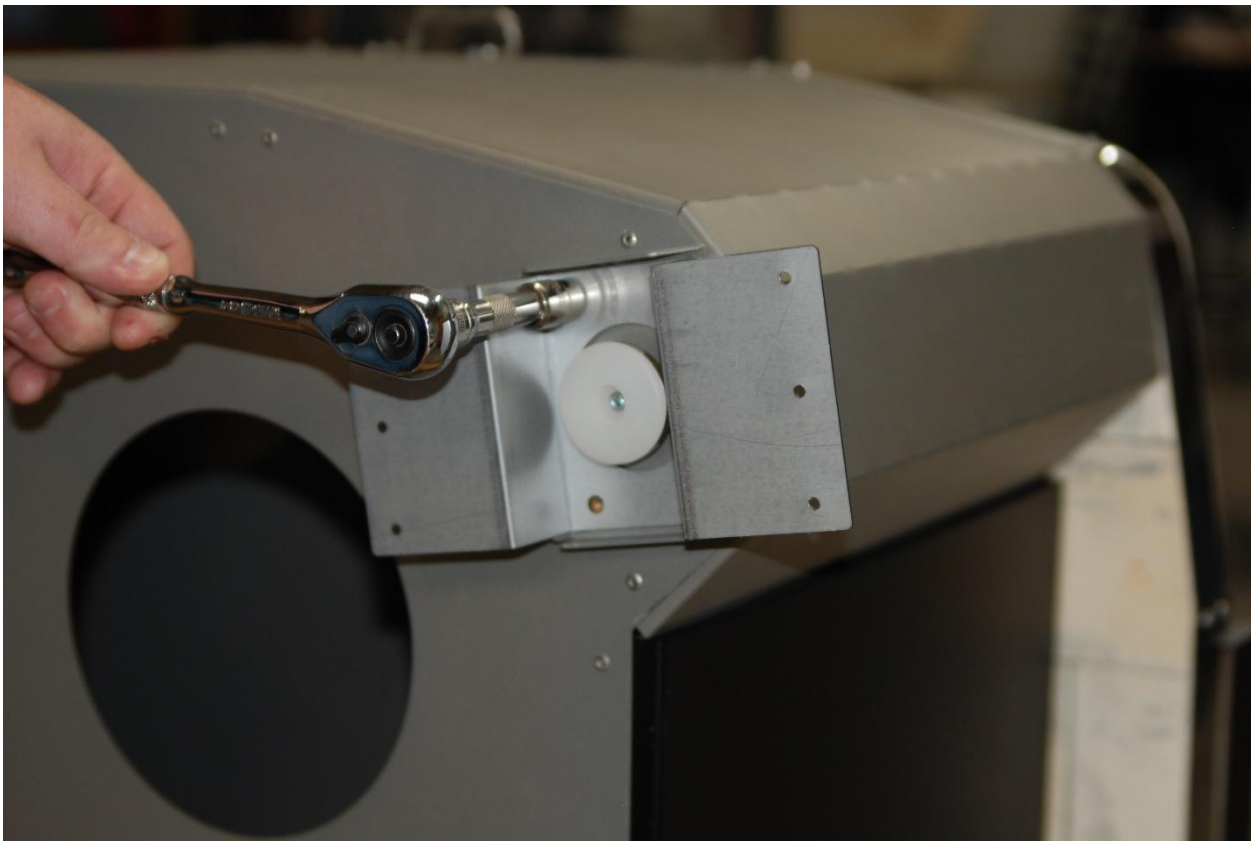

Figure 18 – Shipping Bracket Removal

Now is a good time to remove the 4 shipping brackets on the bottom of the base. Tilts the base up and expose the shipping bracket mounting points, using a 7/16” socket remove the two bolts securing the brackets to the base.

We suggest that you spin the leveling feet clockwise to seat them all the way in.

Figure 19 – Shipping Bracket Removed

Figure 20 - **Optional Rolling Caster Install**

If the optional rolling casters were purchased with the unit now is a great time to mount them. Completely remove the leveling feet by unscrewing all the way.

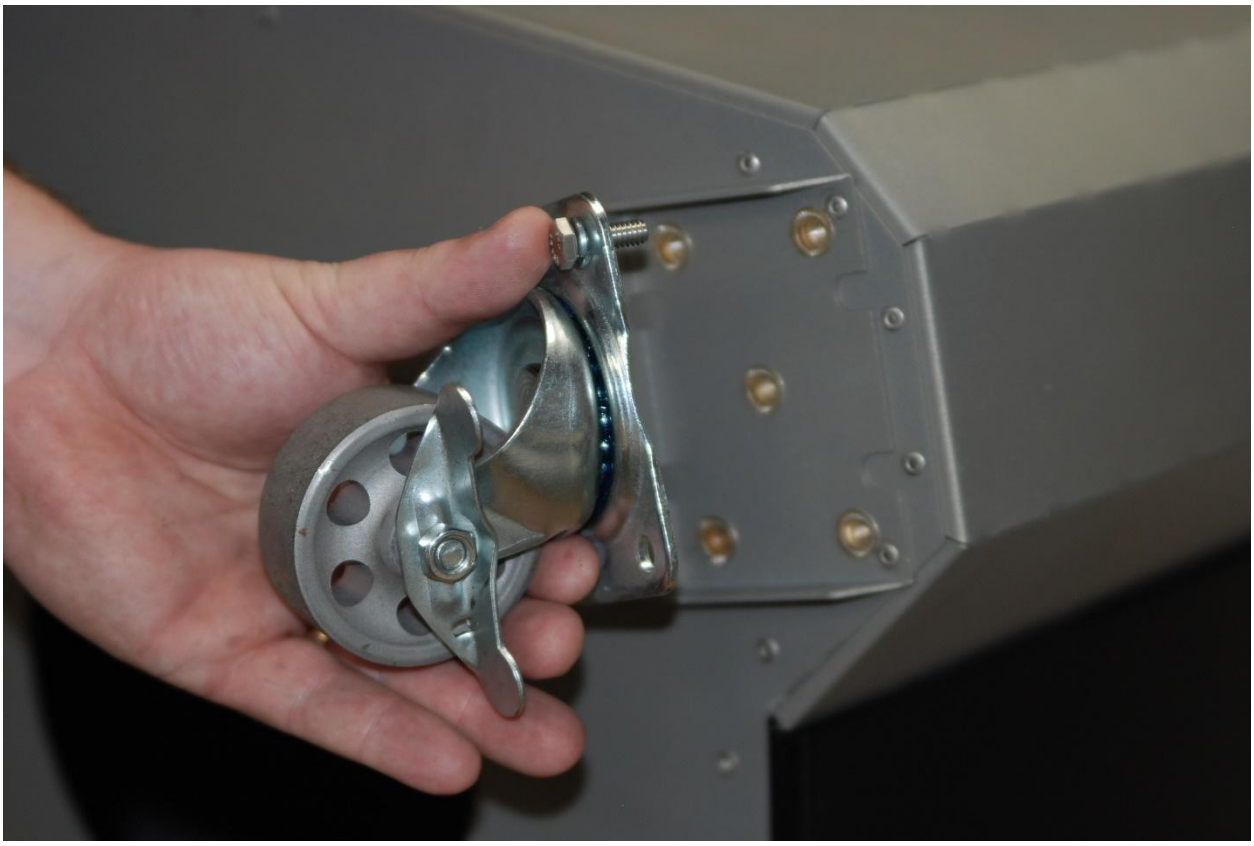

Figure 21 - **Optional Rolling Caster Install Cont.**

Using the hardware provided, mount the casters to the bottom of the base. This will require a 7/16” socket. When doing so, place the included lock washer onto each bolt and then into the caster mounting hole. Each Caster will be secured using 4 bolts and washers.

Helpful Hint #1: *Each caster is attached with 4 bolts and washers. It is best to install all bolt and washers loosely before tightening any of them. Once all 4 bolts and washers are loosely installed then tighten firmly.*

Helpful Hint #2: *The caster set includes 2 locking and 2 non-locking casters. We recommend installing the locking casters at the front of the kiln and the non-locking at the back. However you are free to mount them as you wish*

Figure 22 – **Optional Rolling Caster Install Cont.**

Be sure to tighten all bolts firmly on all casters.

Figure 23 – Dyna-Lift Removal

Getting your kiln to its final location may require you to remove the Dyna-Lift system. If so simply remove the 8 bolts that connect the Dyna-Lift to the base.

Figure 24 – Placing Chamber

Once the base has been place in the desired location re-installl the Dyna-Lift if you removed it

Place the chamber back onto the base and re-attach the base brackets to prevent any movement of the chamber.

> *Note: When going through doorways with the kiln/chamber, rotate kiln/chamber 90° ensuring the lid hinge is facing upwards.*

Figure 25 – Chamber Placement

When placing the chamber back onto the base, be sure to butt the chamber up to the Dyna-Lift bracket mounted on the back of the chamber.

Figure 26 – Re-install lid handle

Once the chamber is mounted back onto the base we need to re-attach the lid handle. Make sure to thread the rod through the lid brackets and through the Dyna-Lift arm as seen above. Using the provided Allen wrench secure the lid handle with the 9/16 shaft collar.

Figure 27 – Lid Prop Bar

Locate the lid prop bar. Maneuver the prop bar through the wire form catch located on the side of the lid. Once through the catch slide the hole over the stud on the side of the lid.

Figure 28 – T-Nut and Acorn Nut

Locate the T-Nut and Acorn nut that was in the hardware box.

Figure 29 – T-Nut and Acorn Nut

Thread the T-Nut onto the stud, make sure the T-Nut passes through the hole in the lid prop bar. After this thread on the Acorn Nut, tightening with a 7/16 socket.

Figure 30 – Complete

You have completed the unboxing and assembly process of the Evenheat GTS Series.