
HAYBOSS XL ASSEMBLY INSTRUCTIONS



Step 1

Thank you for purchasing the HayBoss XL Feeder. The following is a list of tools needed to assemble the feeder.

- 1- ½" wrench, socket and ratchet
- 1- 9/16" wrench, socket and ratchet
- 1- ¾" wrench, socket and ratchet
- 1- 1 1/8" wrench, socket and ratchet
- 1- Robertson (square) #2 screw driver or drill
- 1- Drill w 3/8" drill bit



Step 2

1- Unpackage your feeder. Be aware the 2 screws through the floor frame into the wood 3x3s need to be removed. Place frame upside down with both wood floors facing down. (See picture of step 1)

2- Slide angle irons from one side of the floor into slots on the other side. Bolt the two sides together using 6- 5/16" x 3/4" carriage bolts and flange nuts (see picture of step 2).

Note: The XL can be assembled with a lowered or raised floor (16" or 27" from the ground as seen in the pictures to the left). We recommend raised for Horses and lowered for Goats and Sheep.



Step 3

3- Place legs in desired position. For the ends install two ½" x 2 ¾" bolts through the skid and the leg. Install the correct leg brace using one ½" x 1" and one ½" x 2 ½" bolt. For the centre, install 6- ½" x 4 ½" bolts through both legs in the first, second and brace hole. Make sure to install all bolts before tightening any of them.

Note: You will need one left and one right leg brace for centre and each end.

With help place skid on its side on its side.



Step 4

4-For packaging reasons the handle and roller frame are bolted together with two $\frac{1}{2}$ "x1 $\frac{1}{2}$ " bolts and nuts and 4 washers . Remove the two bolts (keep these bolts for attaching roof later). Place the handle frame (the long channel without the rollers connected to it) perpendicular to skid on the same side as the fork pockets. Loosely bolt the handle frame through the skid and gusset (picture of the gusset is in step 5) using only one $\frac{3}{4}$ "x 1 $\frac{1}{2}$ " bolt for now. Repeat these steps for the roller frame on the other side.



Step 5-Above picture is of the gusset with two $\frac{3}{8}$ " bolts through the floor and two $\frac{3}{4}$ " bolts through the skid and frame, washer is on the wood side.

5- Install two $\frac{3}{8}$ "x 2 $\frac{1}{2}$ " bolts, washers and nuts through the wood floor and gusset (washers go on wood side). Leave bolts loose at this time. Repeat this step on the other side.

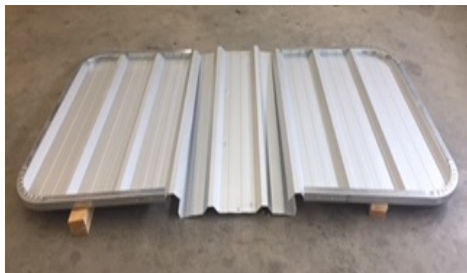
Note: Because of the shrinkage that occurs in the wood sometimes the holes need to be reamed out with the drill and the $\frac{3}{8}$ " bit. This will make it easy to line up all bolts that go through wood.



Step 6 and 7

6- Tilt skid so that the handle and roller frames are perpendicular to the skid and install the second $\frac{3}{4}$ "x 1 $\frac{1}{2}$ " bolt loosely.

7- You can now install the two $\frac{3}{8}$ " x 1" bolts through the roller base and the skid. Use a square to ensure the handle frame is perpendicular to the skid and tighten all bolts.



Step 8



Step 9



Step 10



8- Lay the two roofs on the ground with the flattest side facing down, approximately 22" apart. Put one end on blocks. Next, slide centre roof panel between the two roofs and be sure the bends in the sheet metal interlock with each other. (The bars bolted to the centre roof panel will be facing down.)

9- Slide one of the 44" channel over both roof channels to connect the two roofs together. Be sure that there is a hole facing down to bolt the centre panel to the channel. Bolt and tighten using 5-5/16"x 3/4" carriage bolts. Move blocks under the other side and repeat this step.

10- With help lift the roof into place as seen in the pictures to the left. Install one 1/2"x 1" bolt, washer and nut at both ends. Washer must go between the roof and the handle and roller frame as a spacer.

Note: The bars on the underside of the roof are slanted resembling an arrow head. The "arrow head" must point towards the roller side or the side without fork pockets. If they are not flip the roof end for end.

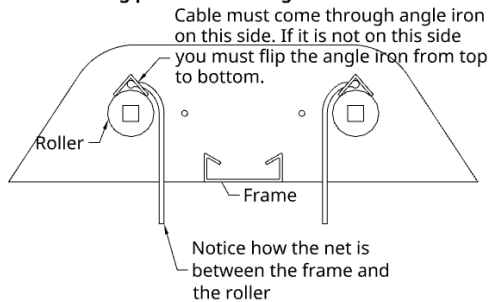
11- With help lift each end and swing roof in until roof is vertical. Install the other two roof bolts with washers as spacers. Tighten all bolts. With help flip feeder in the upright position.

12- Install centre floor board. Place the two 24" channels over the floor centre and install 4-3/8"x 2 1/2" carriage (round head) bolts on each end. Tighten all floor bolts at this time.

The tool tube is there to hold a knife, zip ties or extra string for net repair or anything else you think could come in handy. We recommend putting the roller preload bolts (1/4"x 3 1/4") in the tube after installing the nets so you will have them the for the next time you need to remove the nets.

Net Install Instructions

Top view showing placement of angle irons and net and cables



Step 1



Step 2

Note: Spring loaded rollers will already be pre loaded and held with a 1/4"x 3" bolt through the roller disc and the roller frame top.

There is a 1"x 1" square tubing connected to the net on the handle end and a 1"x 1" angle iron connected to the net on the roller end.

Step 1-Unroll the net. Pull the angle iron end through the space between the frame and the roller. Place one end of the angle iron into the bottom bracket on the roller. Be sure the cables at the top and bottom of the angle iron are facing the other roller. If they are not you will have to flip the angle iron end for end.

Step 2- Place bottom end of angle iron into the bottom bracket on the roller.



Step 3



Step 5

Step 3- Bow the angle iron out enough so that it will slide into the top bracket. Do this by pulling the middle of the angle iron out while holding the top against the roller.

Step 4- Undo the Velcro strap from the roller and install tightly around the middle of the roller and the angle iron.

Step 5- Latch the handle. With help have someone pull the net out while you remove the $\frac{1}{4}$ " x 3" retaining bolt from the roller disc. The person holding the tension can now slowly release as the net winds around the roller. Place the bolts inside the tool tube for future use.

FEEDING AND LOADING INSTRUCTIONS

- Release roller locks
 - Be sure to unlatch roof to net cables
 - Release handle end of both nets exposing full access to the floor
 - Fill feeder with bales
 - Grab slack from one net, wrap around bales and lock handle into position
 - Cut and remove twines
 - Wrap second net around bale and lock handle into position
 - Set roller locks in the working position (horizontal)
 - Attach both roof to net latches
 - If horses are new to net feeding, pull some good feed through the holes of the netting in various spots for them to start
 - If possible, introduce the HayBoss Feeder to your animals with supplemented feed to eliminate frustration.
 - Rods, replacement nets and parts are also available
- Follow directions and enjoy all the benefits of being a new HayBoss Feeder Owner

Remember there's no loss with HayBoss!

Done right the savings are amazing!

Enjoy your new HayBoss Feeder and the extra time and money to follow.