


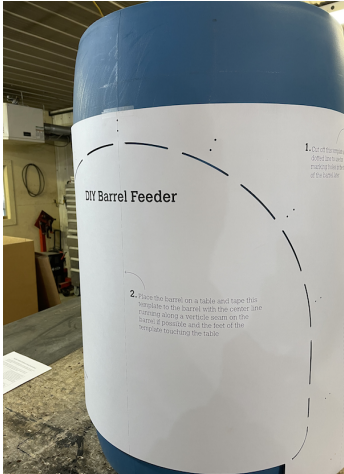
HayBossFeeders™

FEED SMART!

HayBoss Feeders DIY Barrel Feeder Instructions

Thank you for purchasing the HayBoss Feeders DIY Barrel Feeder. Please be sure to watch the DIY Barrel Feeder instructional video at HayBossFeeders.com before building this feeder.

Tools needed: Jigsaw and Circular saw, Drill with 1/4" and 9/16" drill bit, 7/16" wrench, 7/16" socket and ratchet or impact, 1/4" socket, knife, measuring tape, square, marker, masking tape, scissors and most importantly a large plastic barrel.

	<p>1. Lay the barrel on its side and cut the top off of the barrel approximately 1.5" down from the top. If the barrel top has a ridge in it, you can use that as a guide for the saw guard to rest against. Cut all the way around. If using a Jigsaw, you will need to drill a hole first for the saw blade to go in. Clean plastic shavings off of both pieces with a knife.</p>
	<p>2. Place barrel on a table. Cut along the dotted line on the right side of the paper template and remove that piece to use in step 4. Tape the paper template provided to the barrel. Make sure the feet of the template rest on the table and line up the centerline of the template to a vertical seam in the barrel if possible. Trace the 4 holes at the top, all slots and the bottom line onto the barrel using a marker. Pull off the template</p>



3. Drill all 4-hole marks with a 1/4" drill bit and drill one hole on the inside of the arch to start the jigsaw cut. With the jigsaw cut the bottom horizontal line and all around the arch.



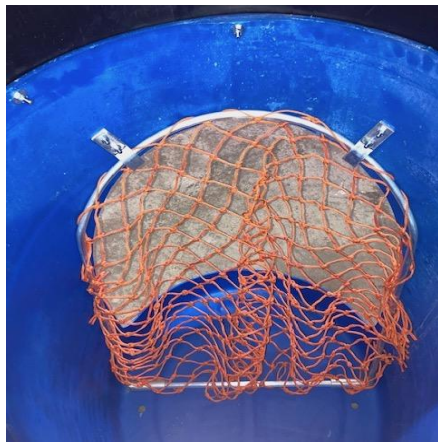
4. From the top of the barrel at the center seam, measure $\frac{3}{4}$ " down, make a mark and drill a 1/4" hole. Use the template you cut out earlier (along the dotted line) and put a bolt through the biggest hole on the template and the hole in the barrel. You can install a nut hand tight so the bolt does not fall out. Use this template to mark a hole on the left side of the barrel. Turn 180 degrees and mark a hole on the right side of the barrel. Make sure the template is flush to the top of the barrel when marking holes. Drill these two $\frac{1}{4}$ " holes



5. 180 degrees away from the center hole in step 4 is where you measure for the fence hooks install. Some barrels have a seam on this side as well which makes it easier to measure 4" down and 5" left and right from center. Make a mark and drill a $\frac{1}{4}$ " hole at each mark. Install the aluminum hooks with curve at the top with bolt going through the top hole (always have a washer between the plastic and the nut). Snug both bolts. Move hooks so the bottom bolt hole is 5" from center. Drill through the hook and barrel and install and tighten the two lower bolts. Tighten the top bolts.



6. Flip barrel upside down, measure along the seam (the same one used to align the template) 10" from the edge (6 o'clock) of the barrel and make a mark. From that mark use a square to make a line perpendicular of the seam and make a mark at 9 o'clock and 3 o'clock. Drill a 9/16" hole through the bottom of the barrel as close to the edge as possible. (At this time drill least 8 more 9/16 holes evenly spaced on the bottom of the barrel for drain holes)



7. Stand the barrel up right and place the net frame in the barrel with the 2 rods sticking out the bottom of the barrel. Pull all net slack down and try to even out the net on the frame. Install and tighten the two net frame brackets and the two hair pins in the net frame on the outside bottom of the barrel.



8. Put a bolt through the center bottom hole of the 48" black plastic and the center top hole in the barrel (holes from step 4). Install the remaining 2 bolts to the plastic and the barrel, (use washers on both sides of the bolt). Pull the ends snug to the barrel, mark 1 1/2" down from the top of the barrel at the edge of the black plastic. Place the bottom of the plastic on the mark and drill a 1/4" hole through the barrel. Install the two end bolts and tighten all 5 bolts.



9. Place top of barrel on top of the plastic. Install first middle screw through plastic into the barrel top making sure the barrel top lip is resting against the black plastic. Install the other 4 screws making sure the lip is tight against the plastic and that any slack in the plastic is pulled tight before screwing.



10. Installing the chain and puller will be done on the fence. After mounting the barrel to the fence, you will need to install the chain. (Be sure to place the chain in a way that the puller pulls down on the hooks when it is tightened. Bolt the chain to the barrel at a desired location like in the picture. Close the puller and attach it to the chain. Pull tight and mark where to drill the hole for the puller mount. **DRILL A HOLE ½" HIGHER THAN THE MARK** (this will make the puller pull hard to secure the barrel in place) Bolt the puller and then connect and tension the puller to the chain. You are now ready to use your feeder!!

Thank you again for purchasing a HayBoss Feeder!

