



THE BILLYGOAT MEGA TREE



BAAAAA~~~~~AAAAA!!!!

Thank you for your purchase of the BillyGoat seed pixel mega tree topper. It's design features our standard center "crosshair" to attach an upper and lower galvanized threaded floor flange. The strength of the Billygoat comes from this **flange sandwich**. It is advised to install at least 3/4" threaded steel floor flanges above and below the topper with 4x nuts and bolts. If your center pole is larger (and most are!) you will also need to purchase a galvanized reducing coupler. Do not go with black steel as it will rust within seconds! **Always look for galvanized at your local hardware store.**

The teeth on the BillyGoat are specifically designed to secure the upgraded 20-22 gauge seed pixels, but will also work on the thinner 24 and 26 gauge seed pixels. It is not yet designed to accomodate newer 18 gauge seeds pixels.

As with any mega tree, preparing your location is key to a uniform looking tree!

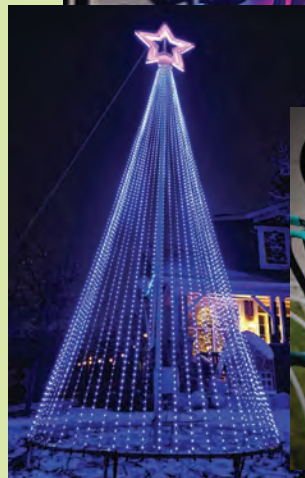
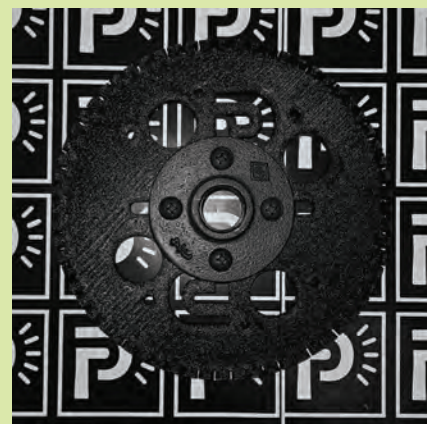
ENSURE A LEVEL BASE!

- Ensure your base ring and center pole are perpendicular to each other to ensure even tension on all strands.
- Ensure your base ring is perfectly centered to your center pole and staked-down before installing your seed pixel strands.

Install your BillyGoat topper by simply threading it on top of your center pole. This can be done prior to lifting your pole into position. Additionally, you may wish to purchase a 24"-36" section of pipe to attach above your BillyGoat topper to create a mounting point for a star.

Now begin by securing your male pigtail and pixel #1 to your base ring. With a ladder, slide your seed pixel strands into the wire slots and make sure the tension is nice and tight. Remove the seed pixel and adjust the height of the topper, as necessary. If using an ASAP pole design, just make sure the pixel count is consistent on each strand. It is recommended to secure your bottom seeds on each strand by attaching an Extended Zippy Seedlink and looping a bungee ball through and around your base ring.

Repeat until your tree is finished. To add tension to areas that may need a little, add additional anchors or ratchet those locations down further on your base ring.



@PIXELPARADISEUSA



THE BABY GOAT MINI TREE



SHOPPING LIST:

- 2 Qty of 240 seed pixel strands @ 2" (5cm) spacing
- 1/2" EMT cut to approximately 45" (allows for an 8" Star)
- 1/2" Rebar cut to 4' for setting your center pole
- 18" Wreath ring for your base ring
- 4-8 qty 10" steel tent stakes
- 24 qty small 4" zip ties (black or dark green preferred)
- 24 qty seedlinks for securing your seeds to the ring (highly recommended!)
- Seed pixel star from PiXeL Paradise USA (optional)



***We recommend NOT doing any of this, and just purchasing our steel Billy Goat Tree Kits!!!**

- ASSEMBLY -

1. Measure and locate your tree positions and plan for an 18" wide diameter base ring. We recommend using inexpensive "wreath rings" for your base. An Amazon link to this product is located on our website.
2. Set your half inch rebar and make sure it is level in all directions. **For sloped locations, it is imperative that your center pole is set perpendicular to your ground to ensure even tension amongst all strands.**
3. Install the BabyGoat lower cap piece to the bottom of your EMT tube and slide it over your rebar. Your center pole should not wobble. If necessary, remove EMT and drive your rebar down further.
4. Center your base ring and secure it to the ground using 10" steel tent stakes. Do not hammer them down to counter-sink the spikes 100%. You will want to allow some room to make small adjustments later. The outer ring of the wreath measures approximately 7" away from the edge of the lower BabyGoat cap.
5. Start by **measuring 39.5" from the base of your EMT to mark your hole for securing your topper.** use a 1/4" socket drill and secure your topper on both sides using the included 1/2" self-tapping screws. **NOTE: for 220 degree tree toppers, rotate your topper so that it is facing the correct direction towards your viewers.** You are now ready to install your seed pixels.
6. Begin by counting 20 seeds and securing the 20th and 21st seeds into the first two BillyGoat teeth then pull the strands down towards the ring and secure your first two seeds by adding a zip tie to the base ring and to the wire (or preferably, securing a seedlink to your bottom seeds, and zip tying them to your ring). **DO NOT tighten zip ties all the way yet!** It is important that you work starting on the back left side and continue in a counterclockwise direction. Now add an additional zip tie to the next seed pixel. This provides an approximate 1.5" gap between seeds along the base. If done correctly, you should have two zip ties separating each lower pair of seed pixels. **NOTE:** You may need to temporarily remove and replace your tent stakes if any interfere with your seed pixels being secured to the base ring. **SECOND NOTE:** Be sure to keep an eye on any twists in your installation. Seed pixels should be facing all the same direction as much as possible.
7. Once all strands are in place you may notice some uneven tension in other areas. This should not be a lot but if it's just a little bit you can make adjustments by tightening zip ties in those locations and even countersinking your tent stakes or by adding additional stakes or staples in other locations to get those areas pinched down.
8. Your 480 node BillyGoat mini tree is complete! You may optionally attach a star to the remaining portion of EMT. It is suggested to plug the star into the end of strand number two. **All xLights model data can also be found on our website.**