



THE GATOR MEGA TREE



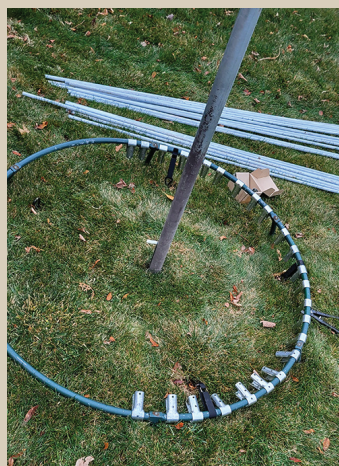
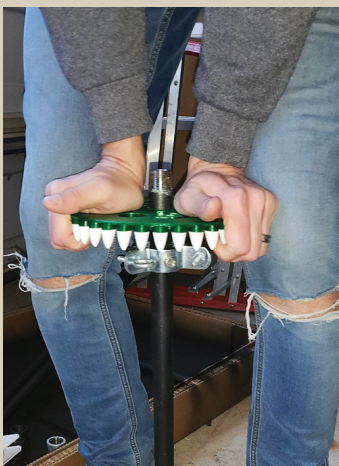
CHOMP!

Forget everything you know about megatrees- This one is rigid, easy to setup each year, and incredibly consistent. And best of all- no megatree strips or pixel pushing!

Below is a guide to get your new Gator tree up and running:

1. The Gator topper has our standard 3/4" steel/galvanized pipe center hole (Pipe outer diameter 1"). This means you do not need to attach the Gator with a pipe floor flange (although these cutouts are provided for an optional means of mounting). The teeth on the Gator are design to accomodate 1/2" EMT (non-threaded/thin wall) electrical conduit pipe. These will be the framework for your LED pixel strips to mount to. It is important to note, **your center pole can be any diameter you wish**- if using a center pole larger than 3/4" simply purchase a reducing coupler to attach your larger center pole to a section of 3/4" pipe (These are sold in many different lengths (12", 18", 24", 36" 48" 60" etc. and are referred to as "nipples") to attach your Gator and star topper.

2. To begin assembly, determine the approximate height of your topper based on the size of tree you want to make. Many factors go into this as to how high your base tree ring sits and if your EMT will rest on the ground or be attached to you ring using clamps. Gator trees excel at 10' sizes because Steel pipe, EMT, and our pixel strips all come in 10' lengths. The 3/4" center hole is VERY snug. This is on purpose. you will begin by threading the topper onto the 3/4" pipe, and then begin a gentle rocking motion to lower the topper onto the pipe. **Please be careful during this process so as not to apply too much force on the outer edges of the topper causing it to flex and possibly become damaged.** Once you have the topper in the approximate location, it's time for a test-fit!



Thank You For Your Purchase!

@PixelParadiseUSA





ENSURE A LEVEL BASE!

- 3. ***It is incredibly important to have a level center post and level base ring (or ground if not using a ring). Spending extra time here can save you headache later!***** Assemble your Gator to your center pole. From the ground, begin inserting an EMT piece into the gator then resting it on your base ring. Adjust the height of the Gator as necessary to ensure a tight fit of the EMT between the Gator and the ring. Test another EMT section on the opposite side. If you did a good job leveling everything, each piece should fit the same. It is optional, but you may consider adding a clamp directly ABOVE the Gator topper once you've positioned it permanently. This is an extra stop to prevent the Gator from moving possibly due to severe weather.
 - 4. ASSEMBLY!** Sure you can do it by yourself, but Santa has helpers for a reason! It goes quite fast to have someone grabbing each EMT section and another on a ladder placing them into the Gator teeth. There are many ways to secure the emt to the base ring, but it will mostly come down to the size diameter your base ring is. Consider using joint fence end pipe clamps, makerpipe, or even 3D-printed clamps.
 - 5. Your tree framework is complete. -Admire it's beauty- Now adjust all EMT pieces to be equally spaced around the ring. It is time to attach your LED pixel Strips. It is important to note- LED pixel strips are not rugged by design- they must be secured to a rigid surface to prolong their lifespan. Excess bending/creasing could damage the PCB circuitry, causing strip failure.** It is highly recommended to use the 3 meter (10') SD (only 30 pixels/meter) pixel strips. The spacing is about 1.25" and makes an incredible tree matrix at that spacing. Going with the HD pixel strips (60 pixels/meter) will reduce the the spacing to only 5/8" but will double the number of pixels you will attach to your controller! The HD strips are primarily used for creating a "neon" look by placing them inside of semi-transparent tubing (great for arches and iglows!) The 3 meter SD strips however are perfect - they contain 90 LED's which allow you to connect 4 strips end-to-end (360 LED's @ 70% brightness + power T splitter at the END of each set of 4). **It is highly recommended you use upgraded WS2815 pixel strips NOT oldschool WS2811.** This is because WS2815 allows each LED to be individually addressable. Using WS2811 pixel strips will duplicate all xlights effects across all three LEDs in sequence (1 control chip for every 3 LEDs). Use IP68 rated strips that include the silicone-filled sleeve for added strength and water resistance. Secure your strips to the EMT using clear zipties.
 - 6. Plug into your controller and Enjoy! Take a photo/video and share it with us!**
- Teardown and storage is simple, and you'll never need to adjust the height of your Gator topper or have to zip tie your strips to the EMT again. Just be sure to be nice to your strips when storing :D

Happy Lighting!!