



YOUIMAGINE

Marblevator, Christmas Tree.

By: (gzumwalt)

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Located at: <http://www.youmagine.com/designs/marblevator-christmas-tree>

Short description:

A contemporary Christmas Tree Marble Run.

Description:

<https://youtu.be/jm5xJCzGQw> "Marblevator, Christmas Tree" is a Christmas Tree themed marble run. Standing 230mm tall with a 10 degree taper from bottom to top, this contemporary styled model consists of five unique (six total) 3D printed components: the base, motor gear, guide, star halves (two required) and track. The model implements my previously published "inverse auger" design to lift 8mm ball bearings from the end of the track at the base of the tree to the start of the track at the top of the tree. Once on the track, the ball bearings spiral down the tree to the end of the track to repeat the journey. This model will be on our Christmas Table to entertain our kids and grandkids! Designed using Autodesk Fusion 360, sliced using Ultimaker Cura 4.11.0 Engineering Profile, and 3D printed in PLA on Ultimaker S5s.

If you can, please use the online documentation found at <http://www.youmagine.com/designs/marblevator-christmas-tree> because those may have been updated. Also, there you can interact and provide praise and/or feedback.