

Cookie cutter generator (+ video tutorial)



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updated 7. 12. 2019 | published 6. 12. 2019

Summary

VIDEO TUTORIAL: https://youtu.be/libPPCI_S0U GH DEFINITION:...

[Seasonal designs](#) > [Winter & Christmas & New Year's](#)

VIDEO TUTORIAL: https://youtu.be/libPPCI_S0U
GH DEFINITION: <https://drive.google.com/open?id=1XYm4NmrBdxTFdDIkruw4OP7ju0aYu6QE>

Hello makers!

Laziness drives all progress.

Generator does following - you draw an outline curve in Rhino 6, and it spits out finished cutter model according to parameters given. Saves quite a lot of time :)

Recently I found myself creating cookie cutters in Rhino 6. Since I wanted to do a couple of them, I made myself a little GH definition, that was doing repetitive stuff for me.

That brought me to an idea - idea of making complete definition, where you insert curve and it returns completed cutter ready for printing straight away. Facing lots of problems in the process, I found it worth sharing with you all.

I made it as bulletproof as I could, implemented analysis, made everything

organised and readable, and covered whole creation process in detailed video tutorial, that you can watch on my YT channel.

I wanted that even people who do not usually do 3D modelling are able to create themselves what they want using my generator.

It's up to you to test, whether I met my goal or not :)

And of course I added some finished models for you. All of them were created using my generator.

I want to wish you all **merry christmas**, have a nice time and happy printing!

Feel free to give some feedback or ask me anything related.

I am learning GH myself so I appreciate any advice or ideas that help me improve

Print instructions

Object is not very hard to print, so I leave it up to you.

0.5mm wide cutting edge is printable with 0.4 nozzle.

Your chamfer won't be very nice though, because of transitioning from 2 perimeters to 1.

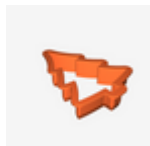
Print **PLA**, because rigidity

I personally used 0.25 nozzle, setup included in Setup.3mf file.

I use my own starting G-code, you may test it and disable it eventually.

Even with smaller nozzle, print times for average sized cutters are 1.5-3h, which is OK

Model files



tree.stl



comet.stl



carp.stl



moose-baby.stl



moose-mother.stl



moose-father.stl



cutter-slicing-setup.3mf

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