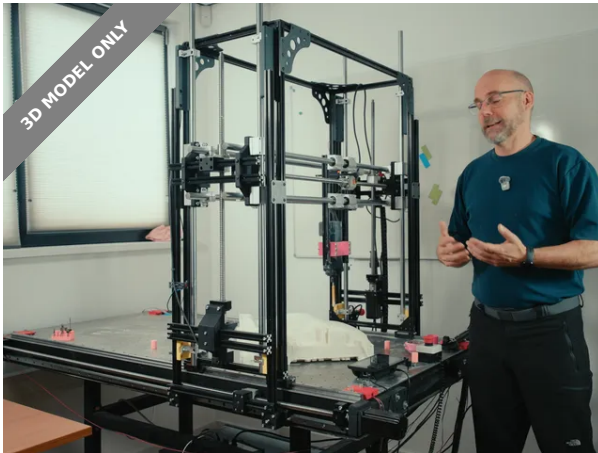




Classic Car EVO DIY CNC Mill

C Classic Car EVO

VIEW IN BROWSER

updated 26. 10. 2026 | published 26. 10. 2026

Summary

Watch the youtube channel Classic Car EVO for details on how to build your own! includes the FreeCAD drawings.

[Hobby & Makers](#) > [Mechanical Parts](#)

Tags: [diy](#) [cnc](#) [mill](#) [classiccarevo](#)

Watch the youtube channel Classic Car EVO for details on how to build your own large size CNC mill.

Includes the FreeCAD drawings.

The software to run the mill is also available fully open source, under a MIT license.

You'll need a bunch of mechanical components to build this CNC mill, as of the writing around EUR/USD1500 worth. And some electronics on to top it off, another ~EUR/USD350.

But that means you get to build a fully functional LARGE scale CNC for under EUR/USD2000.

To run your own and create milling g-code from any .slt (or .3mf) file on your FluidNC mill you can download the software here: <https://github.com/Classic-Car-EVO/3CTool>

Find the build on on Youtube (it's a series of videos):

<https://www.youtube.com/watch?v=LNpnCq8-h20>
<https://www.youtube.com/watch?v=HzjflIHxg6s>

[v=Lz7UhVMReNshttps://www.youtube.com/watch?](https://www.youtube.com/watch?v=Lz7UhVMReNs)
[v=DFoS1wBmNP8https://www.youtube.com/watch?](https://www.youtube.com/watch?v=DFoS1wBmNP8)
[v=SI5GVMoHcVYhttps://www.youtube.com/watch?v=1kdDpMqhtCshttps://](https://www.youtube.com/watch?v=SI5GVMoHcVY)
www.youtube.com/watch?v=gOoLEclfy9w

Model files

electrofront-snijden.stl



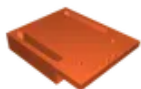
endstopswitches-paralell.stl



a-axis-stepper-coupler-coupler.stl



endstopswitches-perpendicular.stl



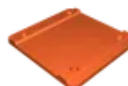
endstopswitches-ontable.stl



screwz-screw-z.stl



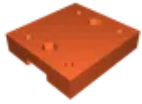
bumpstop-cut.stl



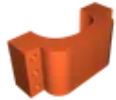
2020-stabilizer.stl



bumps-2020.stl



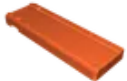
guiderail-2020-mount-v2-guiderail-2020.stl



spindlemount-clamp.stl



corner-brace.stl



top-y-stands-top-z.stl



crossslide-block-v3-crossslide-block-v4-offside.stl



spindledustcollectorv2-smallopeneing.stl



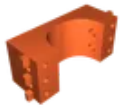
steppermountx-steppermount-x.stl



steppermountz-body.stl



crossslide-block-v3-crossslide-block-v4-motorside.stl



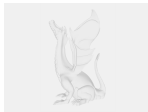
spindlemount-main.stl



a-axis-stepper-coupler-steppermount.stl



bit-storage-2.stl



spindledustcollectorv2.fcstd



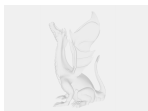
spindlemount.fcstd



calibration.fcstd



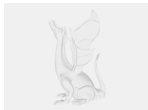
screwz.fcstd



screwx.fcstd



corner-brace.fcstd



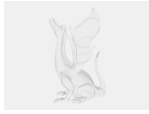
bumpstop.fcstd



bit-storage-2.fcstd



bumps.fcstd



electrofront.fcstd



steppermountx.fcstd



top-y-stands.fcstd



lower-x.fcstd

License

This work is licensed under the
CERN Open Hardware Licence Version 2 - Strongly Reciprocal

- ✗ | Removing original notices and source info
- ✓ | Sharing remixes allowed
- ✓ | Commercial use allowed
- ✓ | Patent license included
- i | Share under the same license
- i | Distributing products requires linking source files