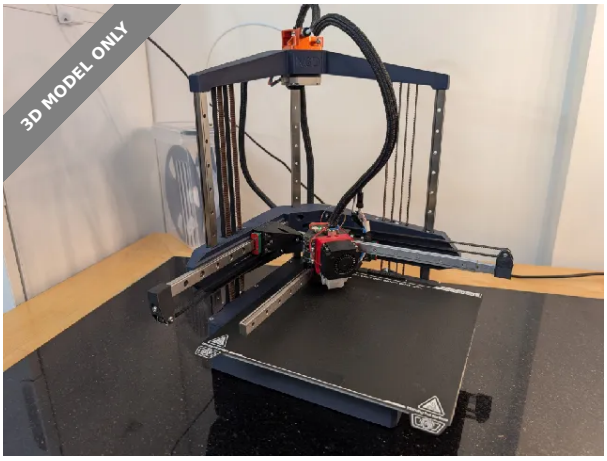



# Crossed-Cantilever 3D Printer (DIY)

Casual CNC

VIEW IN BROWSER

updated 1. 11. 2026 | published 1. 11. 2026

## Summary

Public Beta release of the Crossed-Cantilever 3D Printer by Casual CNC.

3D Printers > Other Printer Parts & Upgrades

Tags: diy 3dprinter

Public Beta release of the Crossed-Cantilever 3D Printer by Casual CNC.

https://www.youtube.com/watch?v=VeMDUE40COw

GitHub available: https://github.com/vilmantasbaranauskas/n3d-crossed-cantilever-3d-printer

You will need a printer with a build plate of at least 220 x 220 mm.

### Gantry Configuration Options

The gantry component is provided in two options to accommodate different printer build volumes and user preferences. The minimum required bed size for printing the gantry as a single part is around **242 × 242 mm**.

- **Single Part:** gantry-as-one-part.3mf
- **Split into 3 Parts:** gantry-left.3mf, gantry-center.3mf and gantry-right.3mf

**2026-11-01: Fixed** timing-belt-holder-bottom.3mf broken model issue in Beta 1 (in-place).

More info coming soon...

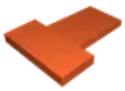
## Model files



**belt-holder-top.3mf**



**belt-tensioner-plug.3mf**



**gt2-plug.3mf**



**fan-duct-simple.3mf**



**m3-damper.3mf**



**gantry-xy-lr-0.3mf**



**belt-tensioner.3mf**



**gantry-left.3mf**



**timing-belt-holder-xy-tentioner.3mf**



**cover.3mf**



**hotbed-adapter.3mf**



**gantry-center.3mf**



**timing-belt-holder-xy.3mf**



**fan-damper.3mf**



**print-block-front-for-e3d-revo-voron.3mf**



**washer-3mm.3mf**



**nema17-damper-28-18mm.3mf**



**gt2-15t.3mf**



**top-frame.3mf**



**transformer-holder.3mf**



**gt2-16t.3mf**



**timing-belt-holder-bottom-damper.3mf**



**base.3mf**



**print-block.step**



**gantry-right.3mf**



**print-block-for-e3d-revo-voron.3mf**



**gantry-as-one-part.3mf**



**timing-belt-holder-bottom.3mf**

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