



DIY Chair



corwinbg

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Summary

Chair design with 3D printed joinery and wood you easily purchase and then cut to length



36.26 hrs



2 pcs



0.20 mm



0.40 mm



PET



426 g



Prusa
MK3/S/S+

[Household](#) > [Living Room](#)

Tags: [furniture](#) [diy](#) [chair](#) [wood](#)

This chair was designed with 3D printed joinery and wood you can easily purchase and cut to length. Assembly was designed to be straight forward and can be done with drywall (1") screws and/or nails. Inspiration from Enzo Mari's Autoprogettazione designs.

The Fusion 360 model is parameterized so you can adjust dimensions and proportions. You can also adjust depending on what wood or lumber you have available. I have printed parts for this chair in both PLA and PETG, both work. I prefer PETG as I can get recycled PETG filament.

I am currently a student studying Product Design and would love any feedback on the design or build process. Thanks!

Model files



chair_j5_l.stl



chair_j4_l.stl



chair_j4_r.stl



chair_j3_l.stl



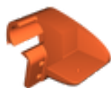
chair_j2_l.stl



chair_j1_l.stl



chair_j1_r.stl



chair_j2_r.stl



chair_j3_r.stl

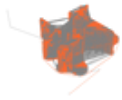


chair_j5_r.stl







chair.f3d


 Fusion360 file

Print files









chair_j_l_02mm_petg_mk3s_18h9m.gcode


 PET  0.40 mm  0.20 mm  18.15 hrs  213 g  Prusa MK3/S/S+

 Left half of the joinery needed for the chair



chair_j_r_02mm_petg_mk3s_18h7m.gcode

 PET  0.40 mm  0.20 mm  18.11 hrs  213 g  Prusa MK3/S/S+

 Right half of the joinery needed for the chair

Other files




chair-instructions.pdf

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