

June 2019

Neubau shelf + variations, FIT Furniture versions (<https://fit-furniture.com/>)

Dear Open Design user,

Thanks for downloading the Neubau shelf design files.

This zip file contains production DXF files and assembly instructions, mixed with some words about Open Design.

Production instructions

In order to produce this shelf you need to be somewhat proficient with handling CAD files, have some knowledge of CNC cut part production, have two good hands and a creative and experiment loving personality.

If you have all these, there's a good chance you are an industrial designer, design student, or Maker, if not, welcome aboard.

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The Neubau shelf DXF files including of all the variants (Narrow, Narrow 5 shelves, TV console and sideboard) are ready for CNC cutting or routing. The curves are all arcs, with no hidden lines or layers. Use 18mm plywood.

It is advised that before cutting the whole shelf, to cut 3 small pieces- 2 with blade pieces and the second with the shelf groove detail. This is useful to adjust tolerances and check the fit with the intended finish. Expand the grooves on all shelves and inside grooves on blades if the fit is too tight. I use a tolerance of +0.3mm expansion around the grooves and of the finished parts (e.g. laquer finish).

You can send the DXF file to your friendly CNC producer and they can take it from there, but please note that the cut should be precise and clean.

I would ask you to follow the attached assembly instructions carefully. The instructions are for the big shelf , but the method applies to all variants.

I would like you to write me about your experience with this product and read your suggestions. In case you made modifications or found nice applications to it, I would be curious to see them.

Please be creative.

Thanks again,

Ronen Kadushin
Designer

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