



Stacking Filament Rack

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Summary

This was a basic filament rack system I put together to store rolls of filament.

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Tags: [storage](#) [filament](#) [rack](#)

This is a quick and dirty design and certainly could use more attention to detail and modification. I started off with some ideas to make it expandable in multiple directions or to increase stability but sort of just left it at the basic utility stage as I needed.

I printed this on a Bambu Lab X1C as all one piece, but I've added the individual pieces for you to modify or print separately.

Ideally this all snaps together with no screws needed. All you need to buy is a 3/4" wooden dowel from your local hardware store, cut in half, and press into the sockets for the dowel for each shelf.

The brackets all snap together and are a very tight fit if your printer is well calibrated.

The gap for each roll is about as big as the average filament box, so for most you will probably be able to store them in the box. I don't

recommend more than about 2-3 feet wide, as the dowels may begin to sag.

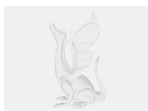
Model files



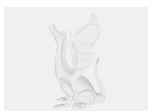
filament-rack-whole.stl



long-arm.stl



long-arm.step



hub.step



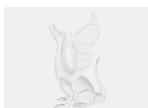
short-arm.step



hub.stl



short-arm.stl



filament-rack-whole.step

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