Modular fishing stand

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VIEW IN BROWSER

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Summary

A modular fishing rod stand Fully printable, material-efficient, and support-free design. Plug&Play.

45.68 hrs	5 pcs	0.20 mm	0.40 mm	PET	616 g	Other

Sports & Outdoor > Outdoor Sports

Tags: holder hook stand fishing abs pla drawers petg printable helpful holders drawer holderhelper nosupport drawerorganizer fishingrod hooks organizers nosupportsneeded nosupports fishingrodholder workspace workspaceorganization

Modular fishingrod-stand

First of all, I'm sorry for any errors within this text, as English is not my mother tongue.

Completely printable object, material efficient, support-free design.
This is not a small print and will approximately use up to 650g of filament

in the base version (with 4 stand extensions).
Only the legs need to be glued together.
This object contains a base version that can be extended in height and with add-ons.
All the STL files have been oriented for optimal prints.
The whole design was printed an function proofed to prevent any waste.

How to print

At least Petg is recommended for outdoor use. I designed tolerances of. 2mm on each side and printed with a.2mm layer height with a .4nozzle (. 3mm layer height should also be fine and accelerate the process).
I recommend printing the stand's and the rodholder's with a brim to ensure better adhesion and to use a little z-hop for the rodholder (upper piece), as the printer has to travel from left to right and can kick over the whole piece (as happened in testing).

I recommend printing the base model standalone first, which contains:

- Base
- Inner Leg: 3x
- Outer Leg: 3x
- Stand (optional: how many pieces; one piece adds approximately 200mm in height)
- Rodholder 1x

The addons can be printed and add to the base model.
How to Assembly

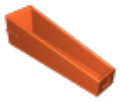
It's an easy plug-and-play assembly, which makes it very transport-friendly.

The inner and outer legs are designed to be glued together. The rest is plug-and-play and self-explanatory.

Model files

Base model 5 files

base.stl



inner-leg.stl

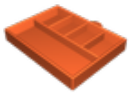
outer-leg.stl

stand.stl

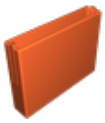
rodholder.stl

Addons - Organizer

2 files



organizer.stl



organizer-enclosure.stl

Addons - Table

1 file

table.stl

Addons - Hooks 1 file

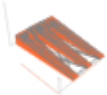
hooks.stl

Print files

PETG Bedslinger gcodes (own slicing recommendet) 5 files

base_02mm_pet_bedslinger_11h28m.gcode

PET 0.40 mm 0.20 mm 11.46 hrs 168 g

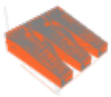


outer-leg_02mm_pet_bedslinger_7h35m.gcode

PET 0.40 mm 0.20 mm 7.58 hrs 101 g

rodholder_02mm_pet_bedslinger_2h13m.gcode

PET 0.40 mm 0.20 mm 2.22 hrs 22 g



inner-leg_02mm_pet_bedslinger_18h39m.gcode

PET 0.40 mm 0.20 mm 18.64 hrs 258 g

stand_02mm_pet_bedslinger_13h22m.gcode

PET 0.40 mm 0.20 mm 13.36 hrs 168 g

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