

Printables logo

Bottle rack

3D MODEL ONLY [bjamdesign](#) [bjamdesign](#)

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Summary

A modular water bottle rack model that can be printed stacked

[Household](#) > [Kitchen](#)

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I wanted to challenge myself to design a water bottle rack that could hold 12 water bottles and also be printed/assembled in less than 1 day.

Note: pictured 32oz Nalgene does only fits on top row

Non-Printed Parts

- for each bottle x2 - 5/16" (8mm) wood dowels cut to 7.5" (190mm)

Print Settings

Stacked print settings

- Layer Height: 0.2mm (required for stacked model stls)
- Perimeters: 2 is sufficient for structure
- Infill: 10-15%
- Bottom shell layers: 4
- Ironing: (Optional) All top surfaces

Example plate printing 10hrs on 1 plate

Model files

waterbottle_holder_top_x8stack.stl

waterbottle_holder_x8stack.stl

waterbottle_holder.3mf

waterbottle_holder_top.3mf

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