



Box Rack (for cheap plastic boxes)



Modisch Fabrications

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Summary

Cheap chinese goods are usually send in small plastic boxes with 10 or 15 slots, but they don't offer any storage....

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Cheap chinese goods are usually send in small plastic boxes with 10 or 15 slots, but they don't offer any storage. This aims to fix this problem by offering a cheap, scalable and simple rack.

Features:

- 8x 10-grid boxes
- small clearances to give little play but keep compatibility
- locking hole to prevent boxes from falling out
- stackability, both vertical and horizontal
- optional M3 threaded rods for stability
- color coded SVG for easy setup

These files are designed for laser cutting, but a (less cool) remix for 3D-printing is planned.

Sizes and settings are optimized for a Zing4030:

Power : Speed : Focus

100:50:-0.5 engrave

30:100:-2 mark

100:30 cut

Feel free to skip the engraving, but this takes ~3x the time without benefit. Pull off the protective film on top to make the markings nicer.

Earlier designs were made from wood with windows, but the boxes kept snagging on their corners. They were also heavily dependent on glue to keep together.

Category: Containers

This remix is based on



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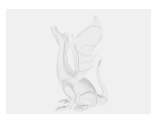
by Modisch_Fabrications

Model files



foot.stl

Other files



job_floors.svg



job.svg

[Find source .stl files on Thingiverse.com](#)

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