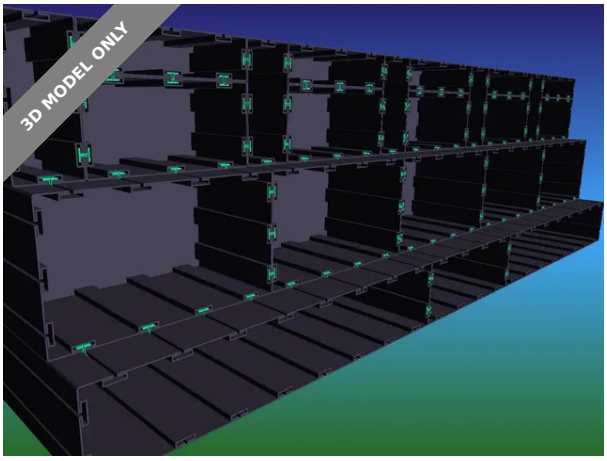

Modular system of interlocking boxes 1.0 (for organizers and much more – CLEAN “SPIRAL VASE” STYLE MODELS)

Evolut Ion

VIEW IN BROWSER

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Summary

My design—proven for quickly creating expandable organizers and more while maximizing filament efficiency. NOZZ 0,8-1mm

Art & Design > Other Art & Designs

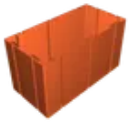
Tags: vase organizer modular interlocking vasemode spiralvase system spiralvasemode boxes expandable

This is a fundamental element of many of my projects. (The organizer itself can include various other components, such as compartments, doors, covers for power supplies, lighting mounts, or even a spindle for a filament spool! – coming soon). This interlocking system can serve, for instance, as a framework for organizers that can expand to suit your needs, though you will surely find many other uses for it as well. It was designed to maximize print speed and material efficiency; furthermore, it is fine-tuned for specific shapes—designs I would be happy to share, should there be

interest. You can print a full kilogram of PET-G material in 24 hours, yielding nearly 20 small boxes. A 1 mm nozzle is recommended (0.8 mm is also acceptable; smaller sizes are not advised). This printing style is fantastic! When executed correctly—by optimizing temperature settings for layer bonding—the resulting object is not only printed quickly but is also strong and rigid. 90% of what I plan to share consists of models designed specifically for "spiral vase mode" printing... Enjoy!

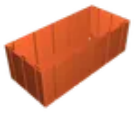
Model files

organizer_block_1x3y_128.stl



3x2y_65_with_holed_full_back.3mf

organizer_3x_2y_150-meshed.stl



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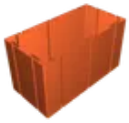
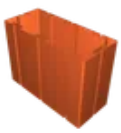


organizer_3x_2y_65-meshed.stl

interlock_8x50.stl



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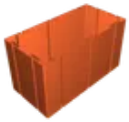

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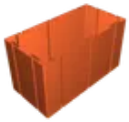

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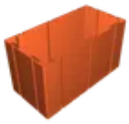

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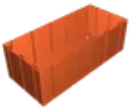

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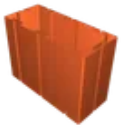
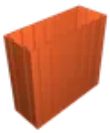
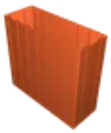


1x3y_65_with_holed_full_back.3mf



2x7y_192_filament_spool_organiser_block.3mf



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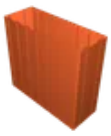

organizer_block_2x7y-filament_spool_rack-1u-meshed.stl

create_any_interlocking_box_10-python_macro_by_gemi… .py

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