



## The Twin-Track Gravity Egg Dispenser (Higher Capacity Remix)



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updated 6. 4. 2026 | published 6. 4. 2026

### Summary

Double your storage! High-capacity remix holds twice the eggs in the same footprint. Perfect for fridge organization.

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### A major capacity upgrade for your egg storage:

This is a **Double-Track Remix** of the popular egg dispenser. Based on the concept of a single gravity-feed egg trough, this design doubles the number of tracks, allowing you to store and dispense twice as many eggs in the same vertical footprint. It's perfect for higher-volume egg consumers or anyone who wants a more substantial refrigerator or counter-top organizer.

## Key Features & Improvements:

- **Twin-Track Design:** Stores up to 20 standard large eggs (10 per track) without increasing length.
- **Continuous Dispensing:** Both tracks utilize gravity-feed, ensuring eggs are always waiting at the very front for effortless removal.
- **Sturdy Geometry:** The interlocking loop structure derived from the original design has been optimized for the double-width model, providing excellent stability.
- **Compact Footprint:** Fits well on refrigerator shelves, in the door (if wide enough), or on a kitchen counter.
- **Easy to assemble:** no screws required. just print out the parts and the included pegs and slide into place.

## How It Works:

Simply load your eggs into the tray starting from the bottom then add your way up (this is to prevent it from rolling to fast and cracking). As you remove an egg, the next one rolls forward, ensuring your eggs are always within easy reach.

## Print Settings:

- **Material:** PLA is excellent and is the material which i used, but PETG or ABS is recommended for a more robust kitchen item that might require washing.
- **Support: Minimal tree or standard supports on bridges.** You will need supports for the part which carries the egg from the top track to the bottom, though for the rest of the parts if printing laying down will not require any supports.
- **Print Orientation:** the two straight tracks are best printed laying down, and the connecting track can be printed either on its side or laying (with both orientations requiring supports)
- **Layer Height:** 0.2mm works great though you can pick it up to 0.3 for a quicker print.
- **Infill:** the standard 15% works great though i made mine 10% 3d honeycomb to save time and filament

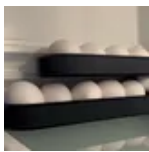
## Assembly:

- simply print out 8 of the included pegs and place them in the holes to connect the model, if its to lose some gluing would be recommended.

## Notes on Use:

This dispenser is designed for standard large eggs. Eggs that are extremely large or small may flow less smoothly. Always place on a flat, stable surface. For food-safety conscious users, consider a food-safe sealant on the printed plastic, although eggs are protected by their shells. For cleaning, use cool or lukewarm soapy water; hot water might warp the print.

## This remix is based on



### Egg dispenser for 10 eggs

by I. Ulianych

## Model files



**double-egg-dispenser-full-model.stl**



**double-egg-dispenser-pin.stl**



**double-egg-dispenser-top-track.stl**



**double-egg-dispenser-bottom-track.stl**



**double-egg-dispenser-connecting-track.stl**

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