

# Stackable Drinks Can Dispenser

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## Summary

For dispensing standard sized drinks cans

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[soda](#) [dispenser](#) [mixer](#) [dispensers](#)

Three versions made to hold 5x standard 330ml (66 x 115mm), 440ml (66 x 150mm) or 500ml (66 x 168mm) cans and can be neatly stacked for more capacity. The 440ml version will also fit the newer 330ml “sleek” cans (58 x 145mm) but not quite as snugly as the others. LIDs can be used if you want to provide a platform for other items.

### PRINT NOTES:

- The SIDEs and 330ml BASE will fit on a 300x300mm print bed.
- The 400/500ml BASEs and all the single-piece LIDs will need a larger 400x400mm bed. or use the SPLIT files which will fit on a 300x300mm bed
- TOP, BOTTOM and BASE parts need to be glued and there are locating channels on each to make assembly easy and accurate.
- Will print without supports but I would recommend using a brim and bed adhesive when printing SIDE parts to prevent warping and failed prints.

- If you don't need to put anything on top or stack dispensers, then you can save time and cost by printing only 3 parts - the BASE, LEFT SIDE BOTTOM and RIGHT SIDE BOTTOM.
- It might look simple, but the SIDE mating parts have quite small detail so it's important you have your slicer settings dialled in. In particular, pay attention to your print speed (slow down to 50% for small perimeters under 3mm) and seam position (I'd recommend the outer seam be placed on the large radius on the rear and NOT where the join line is as this caused major issues on my test prints)

#### CHANGELOG:


27 Jul 2024


- Updated BASE - length has been slightly reduced for print bed compatibility and now has parallel lower and upper surfaces; this uses ~60% less material, prints faster and has better top surface quality. BOTTOM parts are now updated to fit exactly but older bottom versions still work with the new BASE.
- Added wider BASE 440ml and 500ml cans.
- Added LIDs for all models.


28 Jul 2024

- Added 2-part SPLIT LID and SPLIT BASE for larger components so the individual parts will fit on 300x300mm print bed.

## Model files

 **SIDES** 4 files

**5x-stacking-can-dispenser-left-side-bottom.stl**  
☐ Main part required for all versions

**5x-stacking-can-dispenser-right-side-bottom.stl**  
☐ Main part required for all versions



### 5x-stacking-can-dispenser-left-side-top.stl

☐ Optional part will allow stacking or fitting of LID



### 5x-stacking-can-dispenser-right-side-top.stl

☐ Optional part will allow stacking or fitting of LID



**330ml (66 x 115mm)**

4 files



### 5x-stacking-can-dispenser-base-330ml.stl

☐ Single part requires minimum 300x300mm bed



### 5x-stacking-can-dispenser-lid-330ml.stl

☐ Single part requires minimum 400x400mm bed



### 5x-stacking-can-dispenser-lid-330ml-split-part-1.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 2 below



### 5x-stacking-can-dispenser-lid-330ml-split-part-2.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 1 above



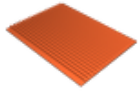
**440ml (66 x 150mm)**

6 files



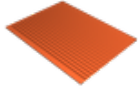
### 5x-stacking-can-dispenser-base-440ml.stl

☐ Single part requires minimum 400x400mm bed



### 5x-stacking-can-dispenser-base-440ml-split-part-1.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 2 below



### 5x-stacking-can-dispenser-base-440ml-split-part-2.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 1 above



### 5x-stacking-can-dispenser-lid-440ml.stl

☐ Single part requires minimum 400x400mm bed



### 5x-stacking-can-dispenser-lid-440ml-split-part-1.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 2 below



### 5x-stacking-can-dispenser-lid-440ml-split-part-2.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 1 above



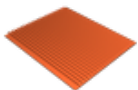
**500ml (66 x 168mm)**

6 files



### 5x-stacking-can-dispenser-base-500ml.stl

☐ Single part requires minimum 400x400mm bed



### 5x-stacking-can-dispenser-base-500ml-split-part-1.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 2 below



### 5x-stacking-can-dispenser-base-500ml-split-part-2.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 1 above



### 5x-stacking-can-dispenser-lid-500ml.stl

☐ Single part requires minimum 400x400mm bed



### 5x-stacking-can-dispenser-lid-500ml-split-part-1.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 2 below



### 5x-stacking-can-dispenser-lid-500ml-split-part-2.stl

☐ Split part will fit on 300x300mm bed. Also requires PART 1 above

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