GRAINBENCH ORIGINAL | CONFIDENT BEGINNER

The Picnic Bottle Caddy

An open carrier with a round dowel handle for bottles, condiments or craft supplies.



SIZE	SKILL	TIME	JOINERY
12 in wide, 7-1/4 in deep, 10-1/2 in tall	Confident beginner	About 2 to 3 hours, plus finish drying	Pocket screws, glue and a socketed handle

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01 / MATERIALS AND TOOLS

What to buy.

LUMBER AND SHEET GOODS

BUY	USED FOR
1 x 1x8 board, 4 ft	B bottom, E ends
1 x 1x3 board, 4 ft (or an offcut at least 22-1/8 in long)	R side rails
1 x 1 dowel, 3 ft (or an offcut at least 12-1/2 in long)	H handle

A 1x8 is actually about 3/4 x 7-1/4 in. Choose a hardwood dowel for the handle.

HARDWARE AND SUPPLIES

ITEM	AMOUNT
1-1/4 in coarse-thread pocket-hole screws	14, plus a few spares
Wood glue	Small bottle of interior wood glue
Sandpaper	120 and 180 grit
Finish	About 250 mL (half a pint) of paint, stain or clear water-based polyurethane

TOOLS

- Saw for straight crosscuts: mitre saw, or circular saw with a speed square
- Pocket-hole jig set for 3/4 in stock, with its stepped bit and a #2 square driver bit
- Drill/driver
- 1 in Forstner bit with a depth stop
- Tape measure, pencil and a combination or speed square
- 2 clamps that open to at least 18 in
- Sander or sanding block
- Safety glasses and hearing protection

02 / CUT LIST

Cut the parts.

Cut the two ends E and the bottom B from the 1x8, the rails R from the 1x3 and the handle H from the dowel.

ID	PART	QTY	LENGTH	WIDTH	THICK	FROM
E	Ends	2	10-1/2 in	7-1/4 in	3/4 in	1x8
B	Bottom	1	10-1/2 in	7-1/4 in	3/4 in	1x8
R	Side rails	2	10-1/2 in	2-1/2 in	3/4 in	1x3
H	Handle	1	11-1/2 in	1 in	1 in	1 dowel

CUTTING DIAGRAMS

1x8 x 4 ft

32-3/4 in used, including 1 in to square the end and 1/8 in per cut



1x3 x 4 ft

22-1/8 in used, including 1 in to square the end and 1/8 in per cut



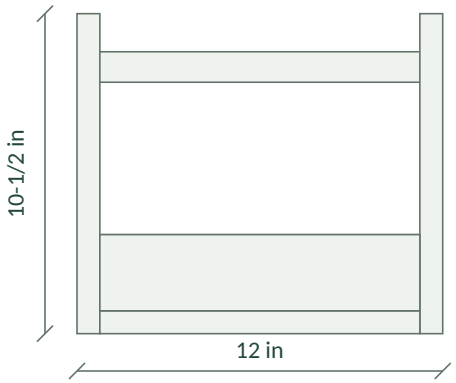
1 dowel x 3 ft

12-1/2 in used, including 1 in to square the end and 1/8 in per cut

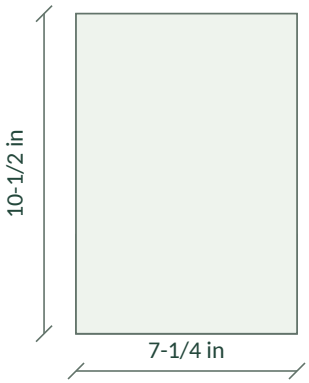


FINISHED SIZE

FRONT



SIDE



The bottom and rails fit between the two ends. The handle sits 8-3/4 in up and 3-5/8 in back from the front, going 1/2 in into each end.

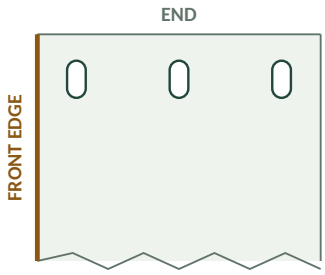
03 / BUILD

Put it together.

STEP 1 Drill the holes

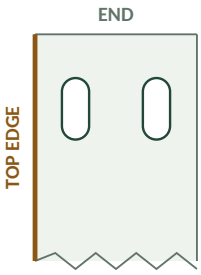
On the inside face of each **E**, mark the handle centre 8-3/4 in up and 3-5/8 in from the front edge and drill a 1 in socket 1/2 in deep. Then drill the pocket holes: 3 at each end of **B** on the underside and 2 at each end of both **R** on the inside face.

B **Bottom**
Underside



Same at the other end
3 at each end | 6 total
1, 3-5/8, 6-1/4 in from front edge

R **Side rails**
Inside face

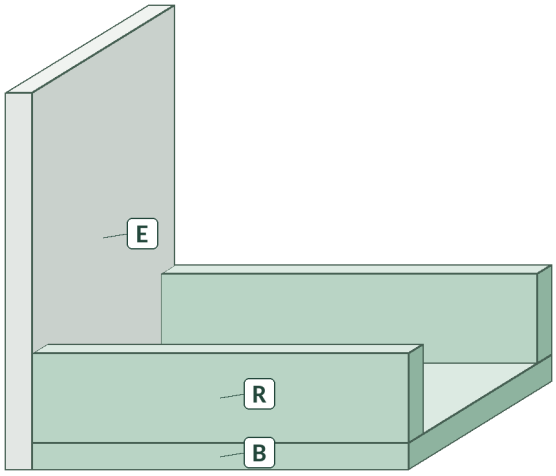


Same at the other end
2 at each end | 8 total
5/8, 1-7/8 in from top edge

Ovals = pocket-hole entries, enlarged. Not a drilling template.

STEP 2 Attach to the first end

Glue and clamp **B** to the first **E**, flush at the bottom and front, and drive 3 screws. Stand both **R** on **B** at the front and back, glue, and drive 2 screws each.



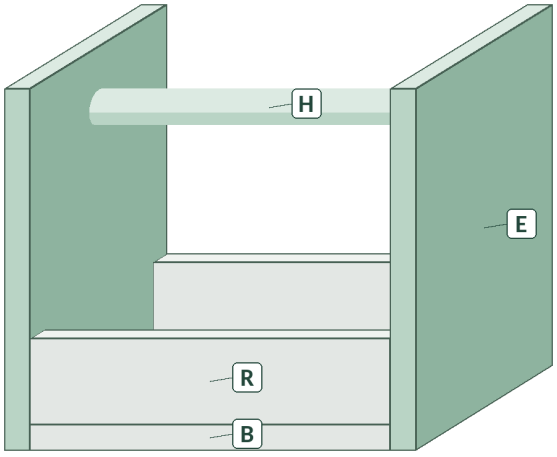
GREEN: added in this step | GREY: already in place

03 / BUILD, CONTINUED

STEP 3

Add the handle and second end

Put a little glue in both sockets, seat **H** in the first end, then fit the second **E** over the handle and against the free ends. Clamp and drive the last 7 screws.

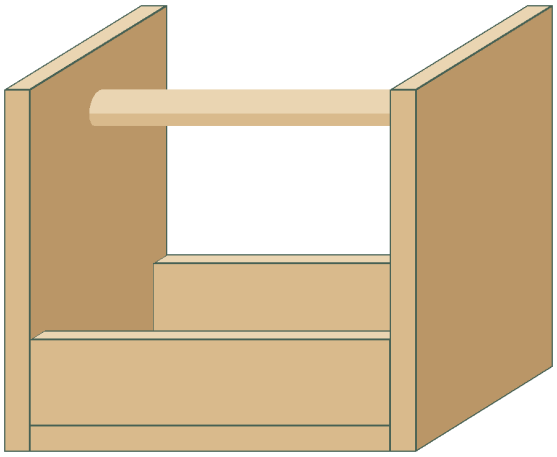


GREEN: added in this step | GREY: already in place

STEP 4

Finish

Sand, round the handle and top edges, and apply your finish.



CARE

Keep loads light and carry it with one hand under it when it is full.

Browse more free plans > **Plan your own cut list >** **How to read a plan >**

Dimensions, part counts and cutting layouts were checked digitally. The plan has not been load-tested.