

PROJECTS

by **CARVEWRIGHT™**



Tissue Box Cover



This decorative cover slips right over the top of a standard cube tissue box. It features elegant curved sides that compliment the carvings.

The box is 6 1/2" tall and about 6" wide.

The top and sides are carved from a single board using only the standard 1/8" cutting and 1/16" carving bits, although a table saw or miter saw is needed to cut the top and the mitered sides.



Materials List

Project Files

- tissuebox.mpc

Boards:

- (1) 1/2" x 6.5"W x 36"L

Materials:

- wood glue
- masking tape
- rubber bands
- stain
- varnish

Hand Tools:

- small hand saw
- ruler
- clamps

Power Tools:

- table saw or miter saw
- sanding mop (optional)

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Step 1

Materials

For this project, you'll need a single $\frac{1}{2}$ " thick board, 6 $\frac{1}{2}$ " wide and 36" long. You may use a slightly large board to ensure that you will not get a prompt to scale the project due to cutting or measuring tolerances. If your board measures smaller and you get a prompt to scale the project, you'll have to load a board of the correct size instead.

Hardwood is recommended to obtain a good carving. I used oak.

Be aware that while home centers and lumber yards may stock $\frac{1}{2}$ " lumber, its actual dimension may be slightly less. For example, the $\frac{1}{2}$ " oak at my local lumber yard is actual $\frac{7}{16}$ " thick. You may use this type of lumber for this project, but if the machine complains about the board's thickness, you'll need to fasten it to a sled. The easiest way to do this is to cut a piece of plywood to the same dimension as your hardwood board, and fasten them together with masking tape around the edges or double-sided tape on the surfaces.

Step 2



Carve

The top and four sides are all made from a single board. You'll use the $\frac{1}{8}$ " cutting bit and the $\frac{1}{16}$ " carving bit. Respond 2) No to the prompt Stay Under Rollers? (however, the project is laid out so that the board will remain

under the rollers, and there will be a minimum of wasted board). If your board measures wider than 6 $\frac{1}{2}$ " and/or longer than 36", respond 3) Place On End or 3) Place On Corner and 2) No to the prompt Cut To Size?

Load the cutting and carving bits as directed and run the project.

Step 3



Measure and mark

Using the oak leaf pattern as a guide, locate the center of a side. Measure 2- $\frac{7}{8}$ " to either side of the center, and make two marks that are 5 $\frac{3}{4}$ " apart. Repeat for each side.

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Step 4



Cut

Using a table saw or a miter saw, cut the right edge of each side at a 45 degree angle.



A technique for accurate cuts is to start cutting between the pencil marks, then back off and move the board slightly to the right and repeat until the cut lines up exactly with your mark. Then complete the cut.



Next, cut the left edge of each side. To ensure that each side was cut to exactly the same width, I used a stop fastened to my miter gauge. I held each side against the stop in turn and made my cut. Keep in mind that it is more important for the sides to be identical in width than for them to be exactly 5 $\frac{3}{4}$ " wide.

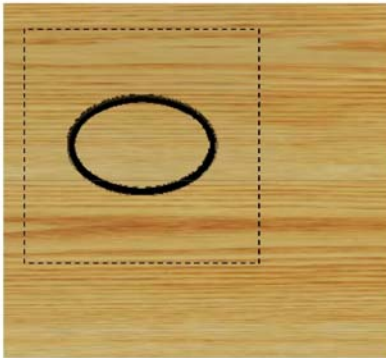
Step 5



Top

Measure the inside width of one of your sides.

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Using this dimension, mark and cut the top. At this point, it's better to cut slightly oversize than undersize!

Step 6



Trial fit

Line up the sides as if to assemble. Note that each flower faces either left or right. Alternate this pattern as you align the sides, so that when any two adjacent sides of the finished box are viewed, the flowers will be a mirror image of one another. Use masking tape to temporarily hold the sides together.



Temporarily assemble the box, placing the top inside the sides. Gaps at the corners, such as you see here, indicate that the top is just a bit too big.



After trimming the top just slightly, I obtained a better fit.

If your corners are tight but you have gaps between the top and sides, you'll need to trim the mitered sides instead.

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Step 7



Assemble

To assemble the box, I recommend gluing just two opposite sides first. Apply wood glue to opposite sides of the top, and clamp two opposite sides to the box. Pay attention to the flower pattern orientation when choosing the sides. I used bar clamps, but picture frame clamps, masking tape, or large rubber bands may all prove useful for this step.

I did clamp but not glue the other sides to the box for this step to keep everything square and ensure a tight final fit.

Remove any excess glue before it sets.

After the glue is set, glue and clamp the final two sides.

Step 8



Finishing

Sand the box after it is assembled. A sanding mop is a great help for this step. Flat parts of the sides and the top may be sanded with just a folded piece of sandpaper.

Apply stain and varnish of your choice according to the manufacturer's instructions.

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RESOURCES...

There are numerous resources for the CarveWright/CompuCarve owner to make their experience with these machines much more enjoyable.

Every owner should join the CarveWright User Forum (<http://forum.carviewright.com/index.php>) where fellow users share their experiences and knowledge with these machines on a daily basis. It is a FREE service that you will surely appreciate. A handy Search Feature helps you find answers to any questions you may have.