Add the COLUMN ASSEMBLY

The upright column assembly is made up of three interconnected parts. Two column sides are attached to the feet, and a sliding post is clamped between the column sides when a knob is tightened. The sliding post can be moved up or down to accommodate a sitting or standing position. You'll start by cutting two blanks to size for the sides.

MATCHING NOTCHES. Just like you cut deep notches on the feet to form a half-lap joint, the column sides also have deep notches on their lower ends. These notches allow the column sides to slip into the grooves that are formed when the feet are assembled (detail ‘b’). Figure 1 shows how to make these notches at the table saw using a tall push block and auxiliary rip fence.

How-To: CUT & SHAPE THE COLUMN SIDES

1. Notches. With both column sides clamped together, use a tall auxiliary rip fence and push block to create the notches at the bottom.

2. Shallow Rebates. Use a dado blade to form the rebate on the lower, inside face of each column side.

3. Grooves. Make two passes to form the centred groove on the inside face of each column side.
between them (Figure 1). Check the fit of the pinch block by placing it over the shoulder at the top of the sliding post (don’t forget to have the rubber washers in place). Readjust the rip fence and make a couple more passes over the saw blade if necessary. You’re aiming for a snug fit between the parts.

After drilling the two mounting holes in the front of the block as shown in Figure 2, you can use the pattern at the top of the page to lay out the pinch block profile. It can then be cut to shape at the bandsaw (Figure 3). Finally, round over the outside edges of the pinch block at the router table.

CONNECTING THE PINCH BLOCK. Connecting the pinch block to the back side of the book plate is pretty straightforward. Lay the book plate face down on your workbench and position the pinch block against the middle stile as shown in detail ‘b’ on the previous page. To create a pleasant appearance, I used brass finish washers and screws to hold things together.

ONE MORE KNOB ASSEMBLY. To hold the book plate to the top of the sliding post, you’ll need to make another knob assembly. It’s made like the previous one, just with a shorter section of threaded rod.

FINAL DETAILS. All that’s left is to slip the book plate assembly in place over the top of the sliding post and lock it in position with the knob assembly. And before putting this music stand to use, you’ll want to give it a durable, protective finish. Two coats of a satin wipe-on-polyurethane will allow you to access all the fiddly areas in the stand. After that, this project is ready for its first concert, symphony or rehearsal. However it’s ultimately used, this music stand is sure to provide a lifetime of service to some lucky musician.