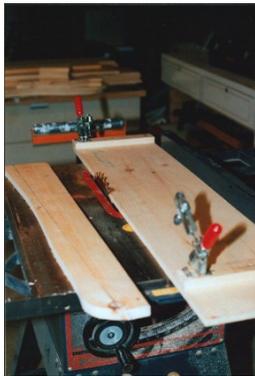


Taper Sled

This simple taper sled can be used for many different applications. Here it's shown in use building an Adirondack Chair.



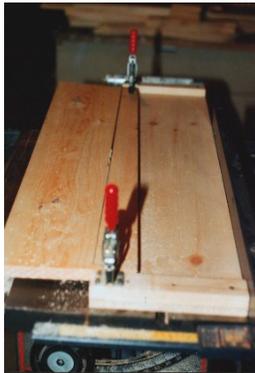
Made from a scrap of 1/2" x 9 1/2" x 39" veneered fibreboard, attach a matching length of 3/4" x 9 1/2" x 2" scrap to the top of the sled. Screw on an adjustable toggle clamp to the left side. At the bottom of the sled, attach a matching board with a clamp, 2" longer than Part E, the back support.

Align the left side of the sled with the edge of the table saw blade, and set the fence to the right side, 1/16" into the blade. Run the sled through the blade to square up the left side.

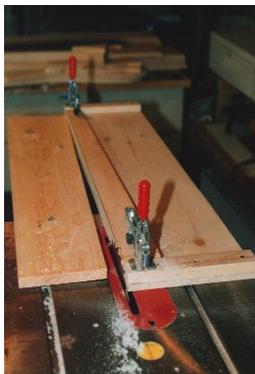


Rough cut out traced part E from the original board, and place it on the sled, lining up the side to be cut with the left edge of the sled. You may want to extend the line of the pattern to the ends of the rough sized board, to allow for easier alignment. You can also use a T-square to line up the traced pattern to the edge of the sled.

Set up a roller stand at the end of your saw, clamp the piece tight, and run it through the blade making a perfect cut on either side of the tapered part. Trim off the top and bottom ends of part E.



For the back slats, parts I, J, K & L, unscrew the bottom clamp board, and line it up with the bottom end of the sled as shown. This will give you the extra length necessary. You can also get fancy, and insert aluminum channels into the sled base, to allow you to use screw clamps to slide the bottom toggle board to whatever position you need.



Trace part I onto the board, and trim off one side as shown. Reverse the traced pattern, and cut off the next piece. Cut all back slats to the length of the middle slat part I, then trace on the other patterns for J, K & L, and trim at the band saw.