

Build Your Own Toggling Coping Sled

Instructions for Making a Coping Sled

Using a coping sled can ensure safe, stable cuts when routing; particularly when routing the narrow cross-grain cuts on the ends of your rails. The large phenolic or plywood base provides more surface area for safer feeding, and the toggle clamp secures the work piece in place and keeps it perpendicular to the fence when cutting a short edge. The back up block helps prevent tear-out and can also be used as a template for future cuts.

Making a Coping Sled:

- Cut a piece of 1/4" thick phenolic or plywood 12" x 10" for a base. Be sure that the piece is flat and stable.
- Cut a piece of 3/4" thick wood 3" x 10" for a back up block.
- Attach the back up block to the base, as shown below, so that it is 90 degrees to the cutting edge. Be sure that the cutting edge is straight and true; Trim the edge on a table saw if necessary.
- Attach the toggle clamp to the top of the back up block. Ensure that it's in a suitable position for clamping down your work piece.

