

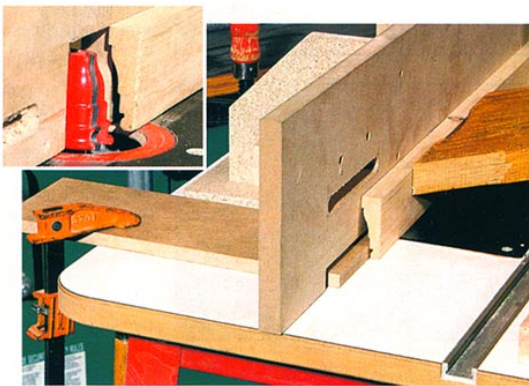
Chair Rail Cutter

The range of cutters that Freud is constantly developing makes it possible for you to do your own woodwork. It may take some care and imagination to use them effectively and safely. Here, for example, are two new cutters: one for making chair rails and the other for making door or window frames.

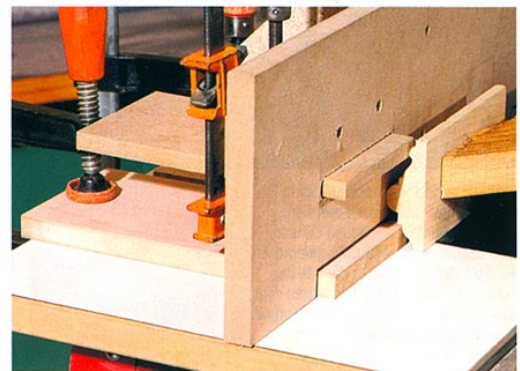
Because of the format of these cutters, it is very important to shape pieces by making successive passes, adjusting the speed of the rotation of the router, and finding the right speed to feed your piece.



While these cutters must be used on a router table, one feature is that, once a piece has been passed through the cutter, most of the piece will no longer be pressed against the guide. And so on for each successive pass until you get your final result. I created a simple but very effective guide with an adjustable plate out of MDF. A guide can be made from a simple board that is fixed to the original guide on the router table or, in this case, created in an L shape so that it can be installed with clamps on any type of router table. A feather board, raised with a scrap piece and held by a clamp, will hold the piece against the guide.



The guide has two mortises, located on the left side of the cutter, into which a slat can be inserted so that you can reposition it in the correct location and set it with clamps at each stage of the project. The piece being worked on will be supported by these end stops after being cut. For moulding framing, a single end stop will suffice.



Because part of the moulding will protrude when you make a chair rail, you will need two end stops when shaping the second edge. At this stage, it is important to position the end stops correctly so that they keep the moulding in vertical position without affecting their placement along the guide.