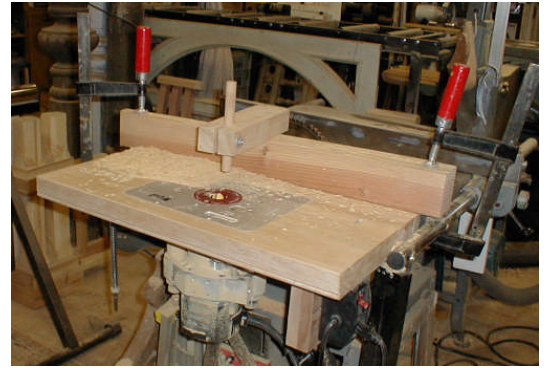


If you need to route a curved surface or need to follow a curved template and are using a router bit that does not have a guide bearing then you need to use an overhead pin router. I don't have an overhead pin router and needed to make some curved gooseneck rails for an old house. Several of the existing ones had rotted away. The goosenecks need to match the profile of the rail so they needed to be routed. I had read about using a pin above the router table to do what an overhead pin router does.



A friend of mine has a fancy overhead pin router and to rub it in he calls my setup an underhead pin router. Mine does everything his does except plunge into a workpiece.



I make a template from plywood of the contour I am duplicating to use to set the pin position and the router bit height for the successive cuts.



I cut the curved edge of the goosenecks on the bandsaw and screw on pieces of plywood on the ends to help keep the piece square to the table, to use as handles and to prevent tearout. I used several successive approximations and then carved and sanded the profile to finish it off. Care has to be taken in starting the cut or the router will rebel by kicking the work back.



Here is the finished product next to the gooseneck I was duplicating.

