



# The right way to Plunge Cut With a Hand Wood Router

A plunge cut is a cut that goes to the the surface of a fabric from above. Plunge-cutting which has a router must only be performed having a specific plunge router along with a plunge-cutting router bit - a router bit with a bottom cut facility, which means their cutting edges extend across the bottom in the bit. Other routers are fixed base routers and does not be ideal for making plunge cuts.

Make sure you contain the right sort of router bit. Ensure that the bit you select was created to plunge-cut, or, the tip will spin against the surface of the material and will probably burn it. Plunge cutting router bits could be labelled as bits with a bottom cut function, however, if you're unsure make sure the specifications of person bits before you use them. While using the wrong equipment can damage your machinery and your workpiece.

Set the height of your respective router bit. If you need to plunge-cut into a specific depth, you must set the depth in your router before working. How you make this happen depends on the company of router you ultimately choose, most utilize a way of depth stop (usually a rod and column) that may be adjusted on the height you're looking for. The depth stop limits how far into material the part could be lowered. The popularity branded routers have a 3 turret depth stop that enables you to pre-set 3 separate heights for plunge cutting that could simply be changed because you work.

The first step. Turn on the router reducing the bit down on top of the workpiece.

2. As soon as the bit has cut from the surface, you are able to slowly move the router to create your favorite cut.

Make deeper cuts progressively! Plunging deeper than several millimetres having a single cut should not be done. Instead, you need to make a compilation of shallow cuts which get progressively deeper. Because of this less strain is defined around the cutting edges of your

respective router bit, and also on the router's motor itself.

Take regular breaks. Every so often you should bring the router bit support out from the material swap the router off and so the motor and router bit can cool off, and you can clear any debris in the cut. You should also clear any waste elements through the cut in order to avoid it from becoming clogged. Be sure to make use of an appropriate dust extractor with all the routers.

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