

The best way to Plunge Cut With a Hand Wood Router

A plunge cut is a type of cut which goes in the the top of a cloth from above. Plunge-cutting with a router must only be achieved using a specific plunge router as well as a plunge-cutting router bit - a router bit which has a bottom cut facility, meaning their cutting edges extend through the bottom of the bit. Other routers are fixed base routers and will not be ideal for making plunge cuts.

Ensure you possess the right form of router bit. Make sure the bit you ultimately choose was designed to plunge-cut, or, the tip will spin from the top of the material and will probably burn it. Plunge cutting router bits could possibly be labelled as bits with a bottom cut function, however, if you're unsure always check the specifications of person bits prior to using them. Using the wrong equipment damages your machinery and your workpiece.



Set the peak of your respective router bit. If you wish to plunge-cut as a result of a unique depth, you ought to set the depth in your router before working. How you do this depends upon the brand of router you ultimately choose, but a majority of utilize a way of depth stop (commonly a rod and column) that may be adjusted towards the height you need. The depth stop limits how long into material the bit might be lowered. The Trend branded routers use a 3 turret depth stop that lets you pre-set 3 separate heights for plunge cutting that can simply be changed because you work.

1. Switch on the router and lower the bit down onto the workpiece.

Step two. After the bit has cut through the surface, you can slowly move the router to generate your favorite cut.

Make deeper cuts progressively! Plunging deeper than several millimetres which has a single cut shouldn't be done. Instead, you ought to come up with a compilation of shallow cuts that will get progressively deeper. This means that less strain is put on the cutting edges of your router bit, as well as on the router's motor itself.

Take regular breaks. Once in awhile you must bring the router bit backup out from the material swap the router off and so the motor and router bit can cool-down, and you can clear any debris in the cut. It's also advisable to clear any waste materials through the cut in order to avoid it from becoming clogged. Be sure to make use of an appropriate dust extractor when using the routers.

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