

The right way to Plunge Cut With a Hand Wood Router

A plunge cut is a type of cut which goes into the surface of a cloth from above. Plunge-cutting with a router must be done with a specific plunge router as well as a plunge-cutting router bit - a router bit that features a bottom cut facility, meaning their cutting edges extend across the bottom with the bit. Other routers are fixed base routers and won't be suited to making plunge cuts.

Make sure you have the right kind of router bit. Ensure that the bit you decide on was created to plunge-cut, or, the top will spin up against the surface of the material and can burn it. Plunge cutting router bits may be labelled as bits with a bottom cut function, in case you're unsure always check the specifications of individual bits before you use them. While using wrong equipment may damage your machinery plus your workpiece.

Set the peak of your respective router bit. If you wish to plunge-cut into a particular depth, you should set the depth in your router before working. The way you do this depends upon the brand of router you ultimately choose, but many make use of a type of depth stop (usually a rod and column) that may be adjusted for the height you're looking for. The depth stop limits how far into material the bit may be lowered. The popularity branded routers have a very 3 turret depth stop that permits you to pre-set 3 separate heights for plunge cutting that will be easily changed because you work.

1. Switch on the router minimizing the bit down on top of the workpiece.

Step # 2. As soon as the bit has cut through the surface, it is possible to move the router to create your favorite cut.

Make deeper cuts progressively! Plunging deeper than several millimetres with a single cut really should not be done. Instead, you should make a compilation of shallow cuts that get progressively deeper. Because of this less strain is scheduled for the cutting edges of one's router bit, and so on the router's motor itself.

Take regular breaks. Every now and then you must bring the router bit support out from the material and turn the router off therefore the motor and router bit can cool off, and you will clear any debris from your cut. It's also advisable to clear any waste materials through the cut to prevent it from becoming clogged. Be sure you readily appropriate dust extractor with the routers.

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