

Infinity's Professional Coping Sled

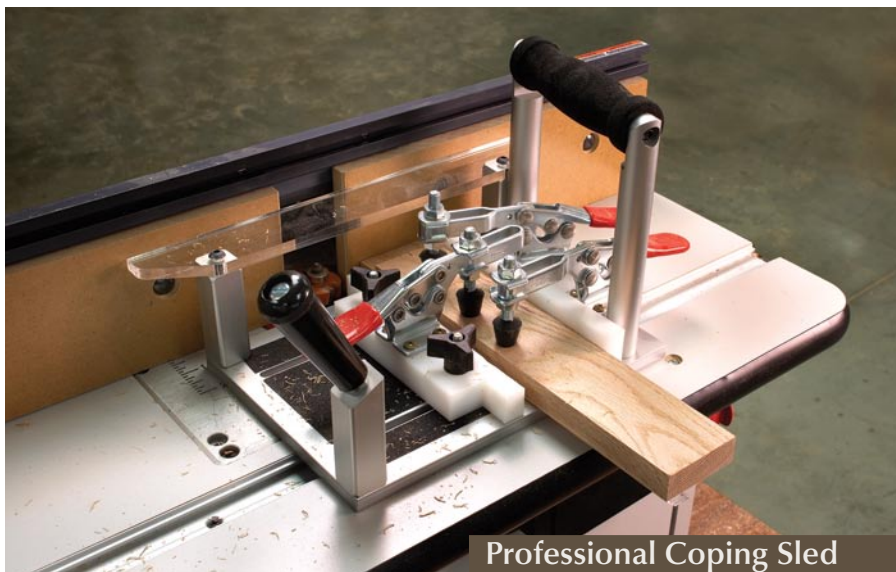
If you're building a number of doors for cabinets or cupboards, and you're not employing traditional construction techniques, you're most likely using cope and stick (rail and stile) router bits at a router table.

The most difficult cut to make using these bits is, of course, the coped portion. This cross-cutting action is repeated twice on each rail; if you're not using a backer piece as you make a cut, you're wasting material when you blow out the back edge of the cut.

You need a coping sled. Infinity's Professional Coping Sled is the right tool. Constructed with a $\frac{3}{8}$ "-thick aluminum base that dampens vibration (the base now comes tapped for adding a miter bar if you so choose) and soft-padded ergonomically designed handles, this sled is designed to be used for extended periods of shop time.

Three fully adjustable toggle clamps are positioned for accurate workholding: two hold the workpiece from behind a fixed fence while the third is set on an adjustable fence to be properly positioned depending on the width of your stock—up to a maximum of $5\frac{3}{4}$ ". That covers most door applications.

When designing the Professional Coping Sled, safety was obviously important. Infinity implemented a $\frac{5}{16}$ "-thick Lexan visor that



Professional Coping Sled

Infinity Tools ■ 877-8722487 or
infinitytools.com

Street price ■ \$140

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runs the length of the sled and rides against a fence. This keeps the sled square to the router fence and completely away from spinning router bits while maintaining a clear view of the cutting action. However, we have a router table fence in our shop on which a T-track is in the same location as the visor. This could affect the sled's safety execution—but is easily corrected with an auxiliary fence.

Where I found this sled to work best is

when no miter-gauge slot is available. Due to the visor sliding along the fence face, it's possible to make accurate cope cuts each and every time. The sled locks the stock firmly and allows a perfect cut. —GH