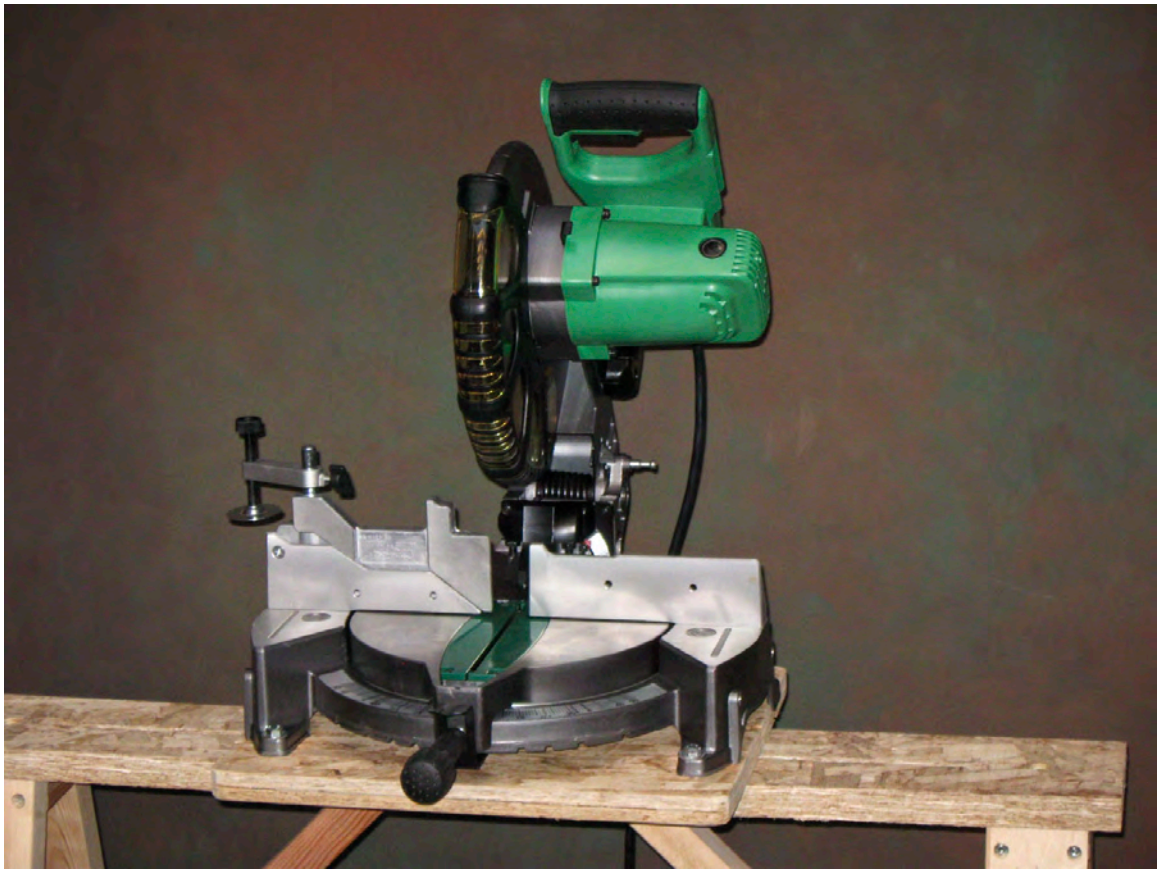
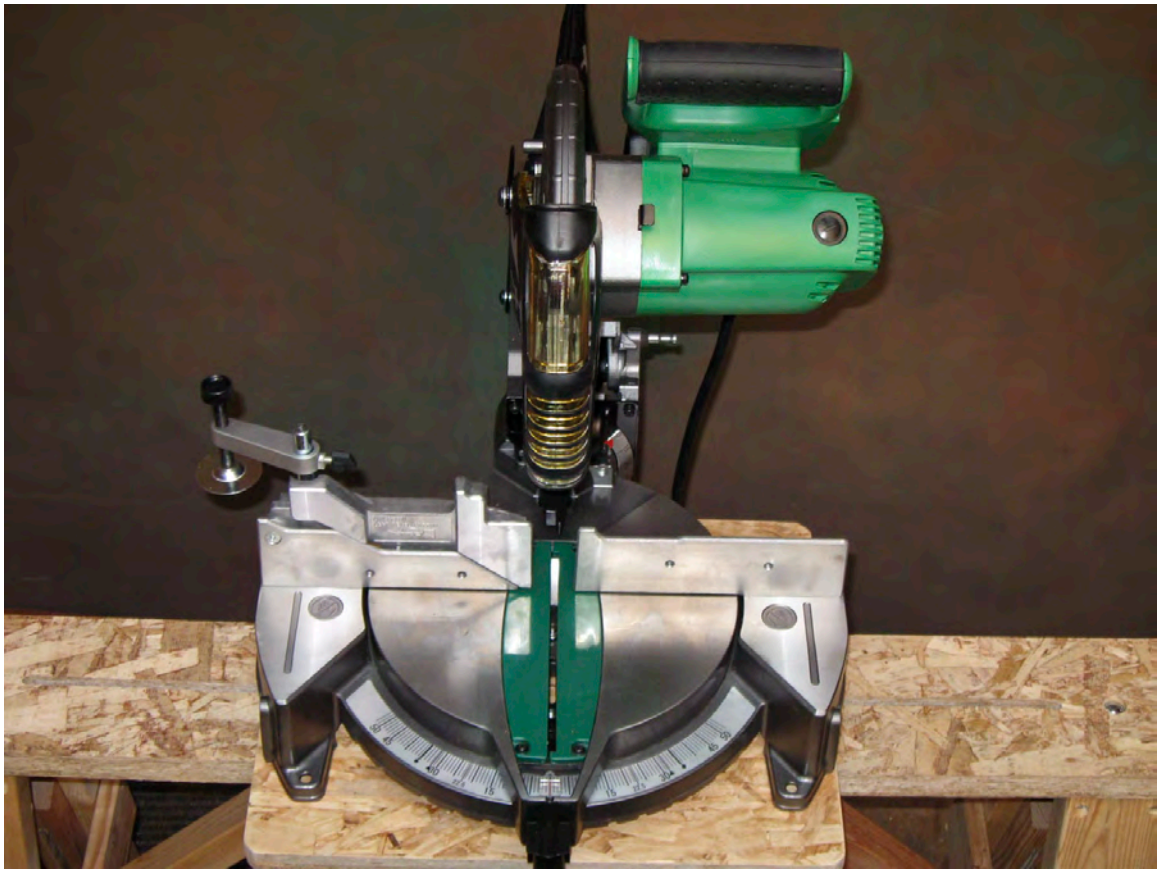
Some tools mount directly onto a **LEVEL-it®** top. Others require you to make a mounting plate. Then you mount the mounting plate onto the **LEVEL-it®** and the tool onto the mounting plate.



In this plan a chop saw will be mounted onto a **LEVEL-it®**. This same procedure works with any benchtop tool that you might want to use on a **LEVEL-it®**.



Your mounting plate should be plywood or oriented strand board (as in this example). It should be at least ¾" thick. Place your tool onto the sheet then measure and mark the size of material that will fit your tool and mount onto the **LEVEL-it®**. As a general guideline you might want to allow for at least ½" to the right and left of the tool and at least 1½" in front of and behind the tool. That is approximately the case in the chop saw being mounted in this example.

When your sheet material has been measured and marked, cut it out with a table saw, circular saw, band saw or hand saw to the required dimensions.

Once your mounting plate has been cut to size place your tool on it as it will be when it is mounted on the **LEVEL-it®**. Use a pencil to mark the locations of all the holes you'll be drilling to mount the tool to the mounting plate. Determine what size bolts will fit through the mounting holes in your tool. It will probably either be ¼" or 5⁄16".

You could decide to simply attach the tool to the mounting plate with lag screws. It's quite simple and works particularly well if you're not using the same mounting plate for several tools or taking it on and off the **LEVEL-it®** too often. In our own shop we use bolts and Tee-Nuts installed (embedded) in the underside of the mounting plate. We use Tee-Nuts rather than regular nuts so as not to interfere with moving the tool front to back. You'll need to make the best determination for your own tool(s) and situation. Every type and brand of tool is different. For the most part and within reason, however, **LEVEL-it®** accomodates them all.

With the mounting plate resting atop the **LEVEL-it®** place two pencil marks on the bottom of the mounting plate through the slots in the **LEVEL-it®** top as shown here. You will be marking one for the left mounting bolt and one for the right mounting bolt. These will mark the locations where elongated slots will be routed so that your tool can be adjusted both right to left and back to front.

We're looking at the bottom of our mounting plate resting on the top of a router table and against the router table's fence. Holes have already been drilled to mount the tool onto the mounting plate and Tee-Nuts have been installed (embedded) into the holes. We're using the router table to make slots slightly wider than the diameter of our mounting bolts at the locations of the marks we made in the last step.

Close up showing router bit cutting slot.

The slots have been routed and the mounting plate is loosely bolted to the **LEVEL-it®** top. The bolts go through the slots in the mounting plate and down through the slots in the **LEVEL-it®** top. The slots in the mounting plate allow it to be adjusted front to back. The slots in the **LEVEL-it®** top allow the mounting plate to be adjusted right to left. When the mounting plate is located where you want it, tighten it down snugly.

Finally bolt your tool securely to the mounting plate as seen here.

Adjust your **LEVEL-it®** to a comfortable working height for you. Plug your tool in and it is ready to go.

There is another plan on our website at www.level-it.com that shows how to make the extensions (which also bolt onto a **LEVEL-it®** top) and which greatly enhance the use of a chop saw and allow a much wider and longer work surface and creating a **LEVEL-it®** chop saw stand.