

Scroll Saw

A scroll saw is useful for cutting intricate curves. Scroll saws use thin, narrow saw blades similar to those used by coping saws and operate through a quick reciprocating up and down motion.

Safety Rules

1. Make sure your scroll saw is firmly secured to the stand, tabletop, workbench, or cabinet.
2. Insert the blade with the teeth pointing forward and down toward the table.
3. Maintain the proper blade tension.
4. Clear the table of everything but your workpiece and make sure all adjustment handles are locked before starting the machine.
5. Never reach under the table while the machine is running.
6. Support a large workpiece to avoid pinching and perhaps breaking the blade.
7. Adjust the saw's hold-down foot so that it presses lightly on the workpiece. Reset the hold-down for each new operation.
8. Hold the work firmly against the table.
9. The KCWG shop has variable-speed scroll saws; use the proper speed for the job and type of stock you are cutting.
10. Make relief cuts before cutting long or sharp curves.
11. Cut only workpieces that have flat bottoms that can rest on the table.
12. Do not cut a workpiece that is too small to be held and supported safely.
13. If your blade gets stuck, turn the machine off before backing out of the cut.
14. Use a "V" block to cut cylindrical stock.

