

# Scroll Saw



The Scroll Saw is used to make intricate cuts in wood up to  $\frac{3}{4}$  inches thick. The saw blade moves up and down and cuts on the down stroke. To avoid accidents, the following operational safety rules must be observed by everyone working on the GWG Scroll Saw. **Failure to be certified or to follow the safety rules will result in loss of shop privileges.**

## Scroll Saw Safety Rules:

1. Wear proper apparel. Remove loose fitting clothing, jewelry and tie back long hair. Do not wear gloves.
2. Wear eye and dust protection.
3. Material must be held firmly against the table when sawing
4. DO NOT reach under the saw when it is running.
6. Make relief cuts when cutting long curves.
7. Never place fingers or hand in the path of the blade.
8. Give the work your undivided attention.
9. Turn off the saw to remove cut-offs.
10. Keep table clear of tool and debris.
11. Never lift saw by the upper arm, as this will damage the saw.
12. Never leave a running machine unattended.
13. Disconnect the power source before servicing or repairing.

## Operational Rules:

Only wood should be cut on this saw and NO thicker than  $\frac{3}{4}$  inch.

Properly adjust hold down.

Use 5" plain end blades & select proper blade application. We encourage you to bring your own blades, as only 1 size is available in the shop.

## Blade Installation:

Refer to chart on the wall for blade size and material recommendations.

Saw should be off and unplugged when installing blade.

Install blade with the point forward and down.

Relax blade tension.

Loosen but do not remove upper & lower thumbscrews.

Thread blade through hole in table & orient teeth. Insert blade in lower clamp & tighten thumbscrew.

Adjust blade tension by moving lever to the left.

Adjust hold down so it lightly contacts workpiece.

Adjust air nozzle and turn on saw.

Workpiece should be in contact with the blade when starting the saw.

Adjust speed according to work being done.

Turn off saw to make any adjustments.

Relieve blade tension when saw not in use.

## Fretwork:

Drill pilot holes.

Undo upper blade attachment & thread blade through workpiece carefully.

Re-attach blade to upper clamp & re=tension.

Make sure workpiece is firmly against table & held before re-starting saw.

Clean up the work area around the scroll saw when finished.