

14” & 16” Band Saws



The 14 & 16” Band Saw has a thin vertical blade that allows cutting curves, re-sawing and large deep cuts on thick material. To avoid accidents the following operational safety rules must be observed by everyone working on the GWG Band Saw. **Failure to be certified or to follow the safety rules will result in loss of shop privileges.**

14” & 16” Band Saw Safety Rules:

WARNING: Because pressure has to be applied to a board as it is being cut (especially re-sawing), the board will SHOOT forward as it exits the cut. Do not have hand or fingers in line with the direction of the cut, as it will push the hand into the blade.

1. Wear proper apparel. Remove loose fitting clothing, jewelry and tie back long hair. Do not wear gloves.
2. Eye protection must be worn, hearing protection should be worn.
3. Be sure the saw is in good working order, the blade sharp and guards are in place and working freely.
4. Be aware of others around you. Stop the saw if involved in conversation.
5. Never overreach. Don't have your body in the path of the saw direction.
6. Never saw cross-arm. Never reach around the saw.
7. A two foot perimeter around the saw should be kept clear of people and debris that impair traction or footing to avoid slips and falls.
8. Unplug the saw before adjusting or doing maintenance.
9. Do not force the saw. Never try a free-hand cut. If the saw begins to bind or operations do not seem normal, **SHUT OFF THE SAW.**
10. Never cut stock that does not sit flat on the table without a jig to prevent rocking
11. Hands must be kept at least **THREE** inches from the blade at all times. Do not have body parts within this distance while the saw is plugged in.
12. Give the work your undivided attention.
13. Never leave a running saw unattended.
14. **Do not cut any GREEN wood on this saw**

Operational Rules:

Sign in on “Operator Log” before using this Band Saw.

Machine set-up – If necessary to replace blade if authorized after notifying supervisor.

Disconnect power before changing the blade or performing other maintenance. Relieve tension on the upper wheel to remove blade. Back off top & bottom guide mechanism. Install new blade – cutting teeth pointing downward & tension the top wheel. Blade must track in middle of wheels without interference from guides. Adjust to center the blade. Reset the guide mechanism. Guide blocks should just clear blade without rubbing and position just behind teeth. The support bearing should not turn when blade is running free, only when pressure is applied when cutting wood.

The upper guide should be positioned ½ inch above the wood. Once adjusted, it should stay in place. Make sure blade tension is correct and all guides are in place.

Turn on the dust collector and open the gate. Make sure the blade is not in contact with material before starting this saw.

Cut relief cuts prior to cutting long or tight curves. The relief cuts will free the blade of the tension of the tight curve. The blade size will dictate the radius of the cut. Never back out of a cut with the machine running. Make sure the hand holding the stock is **NEVER** in line with the blade.

Never begin a cut until the saw blade has reached its maximum speed and be certain to control the speed of the cut, which will not only be safer, but will produce better cutting results.

Use push sticks & feather boards when re-sawing and other safety devices for small pieces.

Never force the blade into material– always cut in a firm & steady fashion.

Do not remove cutoffs while the machine is running.

Turn off the band saw and wait until it comes to a complete STOP. Never stick an object into the blade to stop the machine quicker. Let it stop on its own or use foot brake if available. Make sure blade has stopped moving before leaving machine

Turn off the dust collector and close the port.

Clean up around the saw when finished. Clean the blade if needed.