

Sliding Compound Miter Saw



The Miter Saw is a power tool used to make quick, accurate crosscuts, miter or bevels. To avoid accidents the following operational safety rules must be observed by everyone working on the GWG Miter Saw. **Failure to be certified or to follow the safety rules will result in loss of shop privileges.**

Miter Saw Safety Rules:

Warning: This saw can be dangerous. Most accidents and kickbacks are caused by the failure of the operator to follow existing rules!

Boards can be cut on this saw ONLY IF: they are firmly supported by the saw table and firmly supported against the back fence on both sides of the saw blade (no rocking) and the boards are clamped.

1. Wear proper apparel. Remove loose fitting clothing, jewelry and tie back long hair. Do not wear gloves.
2. Wear hearing and eye protection.
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. Check boards for foreign objects and cut only on piece at a time.
11. Hands must be kept at least **NINE** inches from the blade at all times. This is the distance from the blade to the hold-down clamp. Do not have body parts within this distance while the saw is plugged in.
12. Give the work your undivided attention.

Operational Rules:

Locate the rail locking knob, loosen it and push the saw to the extreme backward position, then lock the saw in place by tightening the knob (finger tight only). All boards less than eight inches wide (six inches at 45 degrees) will be cut in this mode.

Be sure the wood is firmly supported against the metal saw fence and the saw table, and then clamp the board in place with one clamp only on the left side of the saw.

Turn on the dust collector, be sure the gate is open & depress the trigger. **Wait until the saw reaches full speed** and then push downward on the saw to make the cut.

Release the trigger and **be sure the blade has come to a complete stop before lifting the saw** from the cut.

Make sure the blade is NOT in contact with the wood before starting.

For boards over eight inches, loosen the rail lock knob. Pull the saw to its full extension, depress the trigger, **wait until the saw reaches full speed**, push the blade down and then push the blade toward the fence until the cut is complete.

Release the trigger and **be sure the blade has stopped before lifting the blade** from the cut.

Be sure hands are at least NINE inches from the blade at all times

For short pieces of wood, you must use the table saw.

At all times, keep a firm grip on the operating handle until the trigger is released and the blade stops rotating.

For miter cut, the operator must become familiar with:

Bevel locking handle, bevel latch lever, bevel scale, miter latch button, miter handle lock and miter handle override.

After use, push the blade back toward the fence, tighten the rail lock knob (DO NOT OVER TIGHTEN), lower the blade and engage the lock-down pin.

Close the dust port. Turn off the dust collector.

Clean up your area.