

Power Miter Saw

- A power miter saw is used for cutting miters, bevels, and compound angles. These are all examples of crosscuts.
- A crosscut is when you cut across the grain. With a crosscut you are cutting the board to the correct length.
- Read the Instruction manual. All miter saws complete the same task, but may operate differently.
- Check to make sure guard is working properly.
- Firmly support stock. Keep it against the fence and table at all times.
- Keep fingers 3 inches away from blade at all times. 3 inch safety zone.
- Make sure machine is off and stopped before making any adjustments.
- Make sure blade is at full speed before you make your cut.
- Changing the blade
 - Unplug the machine
 - Select a crosscut or combination blade.
 - Remove the saw guard, the arbor nut, and arbor collar. Remember the arbor nut has left-hand threads.
 - Remove blade.
 - Place a new crosscut or combination blade on the arbor so the teeth towards the operator point down.
 - Place the outside face of the collar on the arbor. Be sure the recessed face of both collars are against the saw blade.
 - Tighten the arbor nut using the wrench provided with the saw.
 - Replace the guard. It is a retractable type guard, so make sure it moves freely before plugging back in.
 - Select the proper angle of cut by moving the miter arm. Then lock in place.
 - Place the material on the saw with the square edges against the table and fence.
 - Hold the material against the fence with one hand and control the saw with the other.
 - After completing the cut, return the saw to the raised position. Wait for blade to stop before removing material.
- What type of guard covers the blade of a power miter saw? How does it work?
- The teeth towards the operator should point _____ when the blade is installed.
- What are the 2 types of blades that you can use on the power miter saw.

- You should keep your finger and hand at least _____ inches from the blade.
- How should the material be held when making a cut?