

# Compound Mitre Saw

**DO NOT use this machine unless a teacher has instructed you in its safe use and operation and has given you permission.**

## REMEMBER

### PERSONAL PROTECTIVE EQUIPMENT:



Safety glasses must be worn at all times in work areas.



Long and loose hair must be contained.



Sturdy footwear must be worn at all times in work areas.



Close fitting/protective clothing must be worn



Rings and jewellery must not be worn.



Hearing protection may be required for some operations.

This Safety Operating Procedure does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references. It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use.

Date of last review

Signature

# Compound Mitre Saw

## SAFETY OPERATING PROCEDURES

### PRE-OPERATIONAL SAFETY CHECKS

1. Ensure the saw is properly secured to a worktable by bolts/ clamps at approximately hip height.
2. Ensure the saw is operated on an RCD protected circuit.
3. Check workspaces and walkways to ensure no slip/trip-hazards are present.
4. Check that all safety guards are in position and are operational.
5. Ensure you are familiar with the operation of the ON/OFF starter.
6. Keep table and work area clear of all tools, off-cut timber and sawdust.
7. Start the dust extraction unit before using the machine.
8. Faulty equipment must not be used. Immediately report suspect equipment.

### OPERATIONAL SAFETY CHECKS

**Do not use this saw to cut pieces that are too small to be securely clamped.**

1. The maximum cut for the machine must not be exceeded.
2. Ensure all adjustments are secure before making a cut.
3. Use clamps to secure and support the workpiece to a stable platform. Do not use a length stop on the free scrap end of a clamped workpiece.
4. Do not cut more than one workpiece at a time.
5. Before turning on the saw, perform a dry run of the cutting operation to ensure that no problems will occur when the cut is made.
6. Do not start the saw with the blade touching the workpiece. Allow the blade to reach full speed before contacting the workpiece.
7. Avoid reaching over the saw line. Do not cross arms when cutting.
8. When using the right hand to pull the saw down, keep the left hand, especially the thumb well clear of the line of cut.
9. If workpiece is bowed or warped, clamp it with the outside bowed face toward the fence.
10. After finishing the cut, release the switch, hold the saw arm down and wait for blade to stop before removing work or off-cut piece.
11. Disconnect the plug from the power source and bring the machine to a complete standstill before making any adjustments.

### HOUSEKEEPING

1. Leave the machine in a safe, clean and tidy state.

### POTENTIAL HAZARDS

- Saw may grab and 'kick-back' toward operator
- Contact with rotating blade
- Flying chips and airborne dust
- Eye injuries
- Noise

### FORBIDDEN

- Cutting branches, wood with embedded nails or screws
- Ripping solid timber along the grain
- Cutting dowel
- Cutting ferrous or non-ferrous material

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