

COMPOUND MITRE SAW

METHOD OF OPERATION

*A piece of stock is held tightly against a fence, while the handle of a spinning blade is brought down to cut through the piece.

MACHINE HAZARDS

*Amputations by saw blade

-Controls: proper hand placement

*Saw may grab and “kickback” toward operator

-Controls: proper technique, not cutting into bowed, cupped, or warped stock

*Flying chips and debris

-Controls: safety glasses

*Airborne Dust

-Controls: Dust collection

PPE/Safety Measures

*Safety Glasses	*All Jewellery removed
*Hearing Protection	*No loose fitting clothing
*Closed Toed Shoes	*Long Hair tied back and away from face
	*NO gloves

Guards and Devices

*When the saw is not in use, the blade has a guard which automatically moves out of the way as the saw is brought into contact with piece.

Operational Notes

- * Check that all safety guards are in position and are operational.
- * Do not cross hands while using saw: use left hand to secure your stock against the fence, use right hand to operate the saw.
- * Keep the table and work area clear of all tools, off-cut timber and sawdust.

*Work table and Clamps

1. Ensure the saw is properly secured to a worktable by bolts/ clamps at approximately hip height.
2. Check workspaces and walkways to ensure no slip/trip-hazards are present.
3. Check that all safety guards are in position and are operational.

Sequence of Operation

1. Ensure no slip/trip hazards are present in workspaces and walkways.
2. Locate and ensure you are familiar with the operation of the ON/OFF trigger.
3. The stock should lie solidly on the table and against the fence. Always use the blade guard.
4. Measure and mark your piece where you need to make your cut.
5. Use your left hand to hold your piece tight against the fence. Use your right to operate the saw. Avoid crossing your arms.
6. 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.
7. Do not start the saw with the blade touching the workpiece. Allow the blade to reach full speed before contacting the workpiece.
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. After finishing the cut, release the switch, hold the saw arm down and wait for the blade to stop before removing work or off-cut pieces.
10. Disconnect the plug from the power source and bring the machine to a complete standstill before making any adjustments.
11. After you have finished with the tool, leave the blade in its “zero” position.

Never

- *Exceed the maximum cut for the machine
- *Reach over the saw line while the blade is in motion
- *Try to cut a piece that is too small to be securely clamped
- *Try to cut more than one workpiece at a time
- *Try to manually adjust or move the blade guard while the blade is in motion
- *Use a length stop on the free scrap end of the work piece
- *Use this tool to cut metal or plastics
- *Cut reclaimed/painted lumber, or lumber of unknown origin
- *Cut branches, wood, or other unorthodox stock which cannot be properly clamped.
- *Use faulty equipment. Immediately report suspect equipment to the Shop Manager.

Maintenance Notes/Service by Operator

- *AFTER the tool has come to a complete stop, the user will clean or vacuum any dust or shavings, and leave the machine in a safe, clean and tidy state
- *Shop Supervisor will change the blades out as needed
- *Contact Shop Supervisor/qualified person for:
 - Any additional help or guidance