

Kingston Mens Shed – Safe Work Procedure

MACHINE NUMBER 1

COMPOUND SLIDE MITRE SAW Makita 260mm LS1018L

PLEASE DO NOT use this machine unless you have read its manual, been instructed in its safe use, are very familiar with its operation and are using KMS basic personal protective equipment and procedures.

This document does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references. It is designed as a guide to be used to complement training and as a reminder to users prior to equipment use.

PLEASE READ THE ATTACHED MACHINE INFORMATION AND MANUAL (Filename: *Makita Manual LS1018L-PS NZ.pdf*)

DON'T

- ✗ Use faulty equipment. Immediately use lock out process and tag, and report suspect machinery.
- ✗ Attempt to cut very small items.
- ✗ Cut cylindrical or irregular stock.
- ✗ Leave the machine running unattended.
- ✗ Perform maintenance or blade changes without disconnecting machine from power supply

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Ensure machine is securely anchored to bench
- ✓ This saw is for cutting wood or wood-like products only, one workpiece at a time
- ✓ Locate and ensure you are familiar with all machine operations and controls.
- ✓ Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
- ✓ Ensure the saw is properly secured to a work table by bolts/clamps at approximately hip height.
- ✓ Ensure the saw is operated on an RCD protected circuit.
- ✓ Check workspaces and walkways to ensure no slip/trip hazards are present.
- ✓ Keep table and work area clear of all tools, off-cut timber and sawdust.
- ✓ Start the dust extraction unit before using the machine.

OPERATIONAL SAFETY CHECKS

- ✓ Ensure all adjustments are secure before making a cut.
- ✓ The workpiece must be stationary and clamped or held against both the fence and the table.
- ✓ 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.
- ✓ If workpiece is bowed or warped, clamp it with the outside bowed face toward the fence. Always make certain that there is no gap between the workpiece, fence and table along the line of the cut.

- ✓ Before turning on the saw, perform a dry run of the cutting operation to ensure no problems will occur when the cut is made.
- ✓ Avoid reaching over the saw line. Do not cross arms when cutting.
- ✓ When pulling the saw down with your right hand, keep the left hand, especially the thumb, well clear of the line of cut.
- ✓ Allow the saw to reach full speed before commencing cut. Push the saw through the workpiece. Do not pull the saw through the workpiece.
- ✓ 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..

ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the machine when work completed.
- ✓ Reset all guards to a fully closed position.
- ✓ Leave the machine and surrounds in a safe, clean and tidy state.

POTENTIAL HAZARDS AND INJURIES

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

SPECIFICATIONS FOR LS1018L

- Max cutting width Mitre angle 0° = 310 mm
 Mitre angle 45° = 220 mm
- Max cutting height = 50 mm (45° left) 91 mm (0°) 31 mm (45° right)
- Dimension = 825 mm x 536 mm x 633 mm
- Saw blade diameter = 255 mm to 260 mm
- Saw blade width = 1.6 mm – 2.4 mm
- Saw blade hole = 25.4 mm
- Saw blade speed = 4,300 rpm
- Laser guide = Red line (650 nm)