

# Woodcraft Manningham – Safe Work Procedure

## 14 SURFACE PLANER (BUZZER)

**DO NOT use this machine unless you have been instructed in its safe use and operation and have been given permission**

### PERSONAL PROTECTIVE EQUIPMENT



Safety glasses must be worn.



Long and loose hair must be contained.



Hearing protection is recommended.



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



Close fitting/protective clothing must be worn.

**Note: this is a combination planer and thicknesser machine but the club only uses it in the planer mode.**

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Locate and ensure you are familiar with all surface planer operations and controls.
- ✓ Check location of stop and emergency stop switches.
- ✓ Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
- ✓ Check workspaces to ensure no slip/trip hazards are present.
- ✓ Set depth of cut and lock table. Never make a single cut greater than 1mm.
- ✓ Check and lock fence in position.
- ✓ Start the dust extraction unit and open slide gate before using the machine.

### OPERATIONAL SAFETY CHECKS

- ✓ Always turn the machine off when adjusting the blade guard.
- ✓ When planing the face of a board,
  - a. Adjust the blade guard height so that it just clears the thickness of the board.
  - b. Use a lipped push block to push the board through and a flat push block to push the board firmly onto the table.
  - c. When the lipped push block meets the blade guard, use two flat push blocks on the outfeed side to finish the operation.
- ✓ When planing the edge of a board,
  - a. Open up a gap between the blade guard and the fence only enough to allow the board to slide through.
  - b. For boards less than 120 mm high, push sticks must be used.
- ✓ Place cupped boards with the concave side against the table.
- ✓ Plane with the grain. Hold the workpiece firmly and apply even feed rate.

- ✓ Stand in front of the infeed table to avoid possible kickbacks.
- ✓ Before making any adjustments, switch off and wait for the cutter head to completely stop.

### ENDING OPERATIONS AND CLEANING UP

- ✓ Adjust the blade guard so that it fully covers the blade.
- ✓ Switch off the machine when work completed.
- ✓ Turn off the dust extraction unit and close baffle gate
- ✓ Leave the machine in a safe, clean and tidy state.

### POTENTIAL HAZARDS AND INJURIES

- ⓘ Wood may catch and be flung back violently.
- ⓘ Hands & fingers may be cut
- ⓘ Flying chips and debris.
- ⓘ Eye injuries

### DON'T

- ✗ Do not use faulty equipment. Immediately report suspect equipment.
- ✗ Do not put your hands any closer than 100 mm from the cutter head when it is rotating.
- ✗ Never leave the machine running unattended.
- ✗ Do not surface stock less than 300mm long by 20mm wide by 15mm thick.
- ✗ Do not plane end grain.
- ✗ Do not plane stock with structural defects.

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