

Woodcraft Manningham – Safe Work Procedure

3.1 CIRCULAR BENCH SAW

DO NOT use this equipment 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.

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Locate and ensure you are familiar with all machine operations and controls.
- ✓ Check workspace to ensure no slip/trip hazards are present.
- ✓ Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
- ✓ Ensure rise/fall, and angle adjustment locks are securely tightened.
- ✓ Ensure table and work area is clear of all tools, off-cut timber and sawdust.
- ✓ Ensure mains power is turned off before putting hands near saw blade to measure blade height adjustment or blade to rip fence clearance.

OPERATIONAL SAFETY CHECKS

- ✓ Keep a proper footing and balance while operating the saw bench.
- ✓ Allow the saw blade to reach maximum speed before making a cut.
- ✓ Have safe control over the timber at all times. Options include:
 - To control any kickback use featherboards, etc to firmly hold the timber against the fence. These must be placed before the blade (not opposite)
 - Use a scrap piece of wood to apply vertical pressure on the timber as the cut enters the blade.
 - Use a push stick to guide timber through the blade.
- ✓ Always stand to one side of the line of cut.
- ✓ Hold the timber horizontal to start
- ✓ Have the concave side down when sawing bowed timber
- ✓ Before making adjustments, switch off and bring the saw blade to a complete standstill.
- ✓ Remove the rip fence when using the mitre gauge.
- ✓ Use someone to “tail out” when cutting long material.

ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the machine when work completed.
- ✓ Retract saw blade below surface of bench.
- ✓ Leave the machine in a safe, clean and tidy state.

POTENTIAL HAZARDS AND INJURIES

- ⓘ Kickback: wood may catch or jam and be flung back violently.
- ⓘ Airborne dust.
- ⓘ Eye injuries.
- ⓘ Contact with blade at point of operation.
- ⓘ Reaching over blade.

DON'T

- ✗ Reach over blade.
- ✗ Do not use faulty equipment. Immediately report suspect equipment.
- ✗ Do not cut irregular stock, branches or wood with embedded nails or screws.
- ✗ Do not cut freehand.
- ✗ Do not cut pieces with shattered ends.
- ✗ Never remove off cuts or sawdust from the saw table while the saw is running.
- ✗ Never leave the machine running unattended.

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