

# Woodcraft Manningham - Safe Work Procedure

## 10 DRUM SANDER

**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.
-  Gloves must not be worn.
-  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 sander operations and controls.
- ✓ Check workspace to ensure no slip/trip hazards are present.
- ✓ Do not put material less than 10mm thick through the sander. With thin material use a backing board to increase the overall thickness.
- ✓ Start dust collection system and open side gate.

### OPERATIONAL SAFETY CHECKS

- ✓ Only one person may operate this machine at any one time.
- ✓ For the initial setup, with the sander turned off; open up the gap, and slide the material to be sanded under the belt. Lower the sanding drum until it just touches the material – DO NOT start the sanding drum. Raise the drum a quarter of a turn and remove the material. Use this position as the initial sanding setting.
- ✓ Allow machine to reach maximum revolutions before operating to avoid overloading.
- ✓ Hold material firmly against the table as it feeds in.
- ✓ Before making adjustments, switch off and bring the machine to a complete standstill.
- ✓ Only make light passes. Typically lower the drum a maximum of a half of a turn between each pass. The actual adjustment depends on the belt grit, width and hardness of the material and the speed of the conveyor belt.

### ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the sanding drum when work completed.
- ✓ Close slide gate on dust extraction system.
- ✓ Leave the machine in a safe, clean and tidy state.

### POTENTIAL HAZARDS AND INJURIES

-  Abrasions
-  Burns to skin.
-  Eye injuries.
-  Excessive dust.
-  Unsecured material being flung around.

### DON'T

- ✗ Do not use this machine as a thicknesser. It is designed for light finishing work only.
- ✗ Do not use faulty equipment. Immediately report suspect machinery.
- ✗ Material needs to be a minimum of 10mm thick. For thinner material use a backing board.
- ✗ Do not sand very small items unless supported by a suitably designed backing board.
- ✗ Never leave the machine running attended.

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