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| Fixed Static Plant_SOP  **CHISEL MORTISER (pedestal)** | |
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| **DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission | |
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| Safety glasses must be worn at all times in work areas. | Hair Protection circleLong and loose hair must be contained or restrained. |
| Foot Protection circleAppropriate footwear with substantial uppers must be worn. | ApronClose fitting, protective clothing or a workshop apron is encouraged. |
| **Prohibition circleProhibition circle**Rings and jewellery must not be worn. | GlovesProtective gloves must not be worn when operating the machine. |

### **PRE-OPERATIONAL SAFETY CHECKS**

1. **Ensure no slip/trip hazards are present in workspaces and walkways.**
2. **Check the condition of the auger and chisel. They should be kept sharp at all times.**
3. **Check the operation of all fences, holding clamps and machine guards.**
4. **Check all adjustments and settings carefully before commencing.**
5. **Faulty equipment must not be used. Immediately report suspect machinery.**

#### OPERATIONAL SAFETY CHECKS

1. **Always select the correct auger and chisel set for the mortise to be drilled.**
2. **Tighten the chuck uniformly when the auger bit is inserted – using the correct key.**
3. **Always remove the chuck key before starting the mortising machine.**
4. **Keep clear of moving machine parts.**
5. **Never attempt to drill material that does not lie flat on the table. Irregular shaped work should be securely held in a jig, vice or clamp.**
6. **Set the slot in the side of the chisel to the right or left if the workpiece is to be moved laterally and front or back if it is to be move from the front the back.**
7. **The workpiece should be moved so that the chisel is releasing chips into the already cut part of the workpiece.**
8. **Allow the auger bit to cut at its own speed without applying excessive pressure.**
9. **Keep hands clear of the auger and chisel when the machine is running.**
10. **Do not remove waste material from the table while the machine is running.**
11. **Never leave the machine running unattended.**

#### HOUSEKEEPING

1. **Switch off and unplug the machine from the 240v outlet.**
2. **Leave the machine, work bench and floor in a safe, clean and tidy state.**

## POTENTIAL HAZARDS

**◼ Sharp chisel – auger drill bit ◼ Ejected waste ◼ Splinters**

**◼ Moving and rotating components ◼ Eye injury ◼ Heat (friction)**

**◼ Pinch and squash ◼ Wood dust**

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| **Date of last review** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |