



Safety Awareness Program KDW-07 Thickneser Machine Safety

Introduction.

This safety Awareness procedure forms part of the Knox and District Woodworkers Inc. Safety Awareness Program, and details the safety requirements to be adopted in the operation of the equipment described below.

Definition.

The Thickneser Machine is fitted with a Helical Cutter Head and all appropriate guarding. The Helical Cutter Head works on the principle of four rows of carbide cutters mounted on the cutterhead in a helical configuration. It is an electrically driven machine that has been designed for planing and establishing the thickness of the material being finished, or the Planing of straight faces on lengths of timber. This machine is fitted with all appropriate guarding. This guarding is not to be removed under any circumstances, except by the authorized personnel when performing maintenance work.

Safety. (General).

Prior to the operation of the Thickneser Machine the following safety rules must be applied.

- Be aware of the emergency stop procedure. (Ref KDW-01)
- Member must ensure that the extraction outlet is open at all times when operating the equipment.
- **All timber must be checked for nails, screws and other imbedded objects through the use of the clubs metal detector.**
- No logs, irregular shapes or painted/varnished timbers are to be processed on this machine.
- Ensure the guards are properly attached and operating.
- Never stand in direct line of the work piece in case of kickback.
- Ensure the member is aware of other members in the immediate area.
- Ensure work area is clear of obstructions that may cause tripping or falling.
- Ensure member is aware of dangers associated with the movement of the blades.
- The dangers of loose clothing or long hair being caught in machinery is well documented, therefore when using this machine, the member must wear the appropriate clothing. (Ref KDW-01)
- Member must ensure that the extraction outlet is closed when operations are complete.

Operation.

When operating this machine always keep hands and fingers clear of the feed rollers and the cutting head. Prior to turning the machine on adjust the table to the desired height through the use of the adjusting wheel located on the side of the machine, adjust to a cut of no more than 2mm off the timber being fed into the machine. **(Never adjust the table height with your work piece in the machine).**



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Operation. (cont')

After the first pass through the machine adjust the table no more than one turn of the adjusting wheel then pass the timber through again, continue until desired thickness is achieved.

Whether you are cutting soft or hard wood you may notice sniping, To eliminate this problem you will have to lower the feed rollers, this achieved by the adjustment handle located on the right hand side of the machine.

Fig 1.



Fig 2.



Housekeeping.

When operating any machinery or equipment ensure there are no obstacles, work or any other obstruction cluttering the work area. It is part of each member's responsibility to clean up the machine and surrounding area after use and ensure an adequate level of housekeeping is maintained throughout the workshop area ensuring the safety of themselves and all other members.

Conclusion.

The above safety requirement is intended to ensure the safety and well being of all club members, for detailed instruction on the operation of the above equipment refer to the appropriate club members. It is expected that each member will ensure that all work undertaken is carried out with consideration and due care for all.