

Safety Awareness Program KDW-02 Docking Saw (Spida Saw)

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 Docking Saw is an electrically driven circular saw that has been designed for the cutting of straight cross grain cuts in boards or small sheets of timber only. **(No logs or irregular shapes to be cut on this saw)**. This saw is fitted with all appropriate guarding and this guarding is not to be removed under any circumstances except by the authorized member for maintenance purposes.

Safety. (General).

Prior to the operation of the Docking Saw 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.
- Ensure the guards are properly secured.
- 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 blade.
- 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.

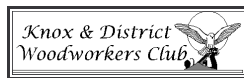
Note :- Never use the saw cross handed.

Fig 1. Right Handed Use



Fig 2. Left Handed Use





Operation.

Whilst operating this equipment never stand directly in line with the blade and always keep your hands and fingers at least 150mm away from the cutting edge (**300mm is the minimum length of timber to be cut on this machine**). The Docking Saw works on the principle of a circular saw blade being pulled toward the operator and cutting straight through the work piece. Prior to cutting any timber with this machine, ensure the guard is secure and fully functional. During the operation of this machine keep hands and fingers well away from the moving blade and do not remove cut offs until you have returned the saw to the stationary position. When using a stop as a guide to length, ensure there is no build up of sawdust between the work piece and the stop, this could prevent the work piece from sitting firmly against the backrest of the work bench. The work piece can be held in position either by the hand or by the use of a specifically designed holding stick. The holding sticks are stored at the end of the saw workbench. When cutting heavy timber with this saw be aware that the blade is rotating at a speed which can force the cutting head to travel toward the operator in an unexpected manner, therefore always operate with your arm straight and a firm grip on the operating handle with your feet planted firmly on the ground, stand firm and ensure there is adequate lighting. (**Never use the saw cross armed (refer Fig1 & Fig2)**)

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 general safety requirements are intended to ensure the safety and well being of all club members. It is expected that each member will ensure that all work undertaken is carried out with consideration and due care for all.