

Safety Awareness Program KDW-06 Router Table Safety

Introduction.

This safety awareness procedure is to be read in conjunction with a designated member who will demonstrate and expand on the definitions and descriptions of operations described below.

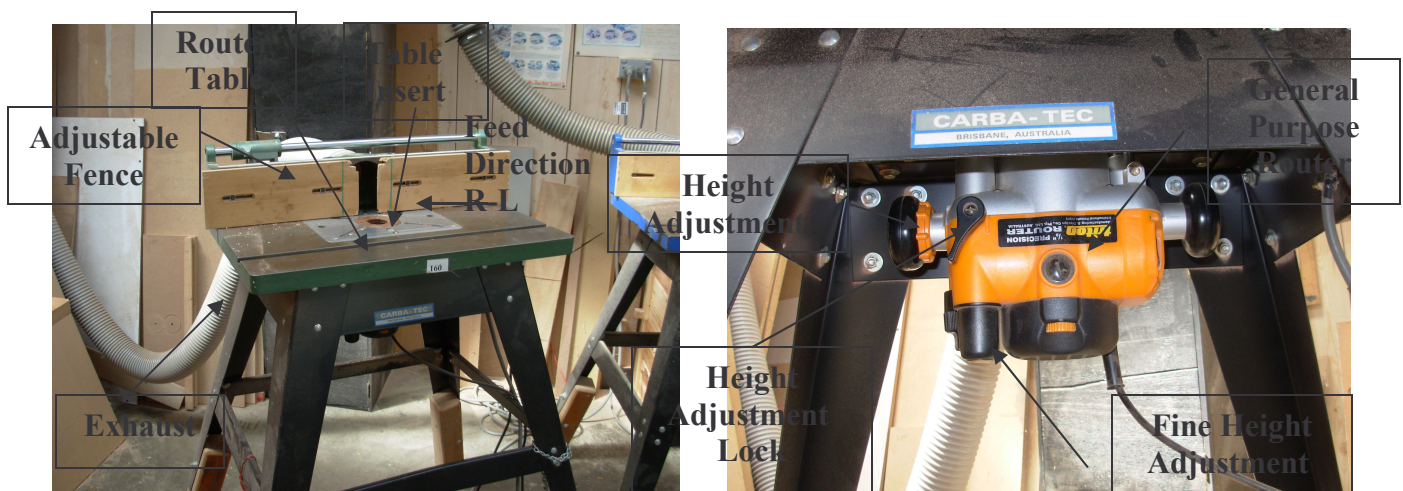
Definition.

The Router Tables at KDWC have been designed for the mounting of standard types of router machines used for general purpose routing processes. All appropriate safety features are available for these machines such as appropriate table inserts, Plastic or Timber Feather Boards and adjustable fences, these features must be employed at all times when using this equipment.

Safety. (General).

Prior to the operation of the Router Table 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 to be processed on this machine).**
- Ensure the safety features are properly attached and operating.
- 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 cutters.
- **Always use Plastic or Timber Feather Board and a Push Stick/Block wherever possible.**
- 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:- Always feed material from Right to Left



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Operation.

The Router Table works on the principle of a standard router being mounted beneath the table with an adjustable fence for the work-piece to be held against whilst being guided through the cutter. When setting up the router to perform a task always use the appropriate safety features such as Plastic or Timber Feather Boards and Guides along with the appropriate Table Inserts to ensure the safe operation of this equipment. The correct operation of the safety features in conjunction with the appropriate operating techniques is very important if accidents at the router tables are to be prevented. Care must be taken to ensure that the Router Machine is switched off at the power source before any adjustments to the cutter or safety features are carried out. When adjusting the fence, ensure that the gap in the fence is as small as is practicable from the edge of the cutter and the settings are locked in place with the fence being secure and fully functional. When operating this machine the timber must be fed across the cutter from **Right to Left** with one set of Plastic or Timber Feather Boards holding the timber against the fence and the other set gently pushing the timber down over the cutters. Make sure the Fingers of either hand cannot get between the timber and the cutter. A gentle push is all that is required to feed the timber over the cutter, let the cutters do the work.

(Keep hands and fingers well away from the moving cutter and always use a Push Stick/Block).

When processing a work-piece the piece should be fed against the direction of rotation of the cutter with a push stick or block being used wherever possible, remember a shallow cut is better than a cut that is too deep. When processing odd shaped pieces of timber, it is appropriate to use a jig or fixture suitable for the purpose.

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.