

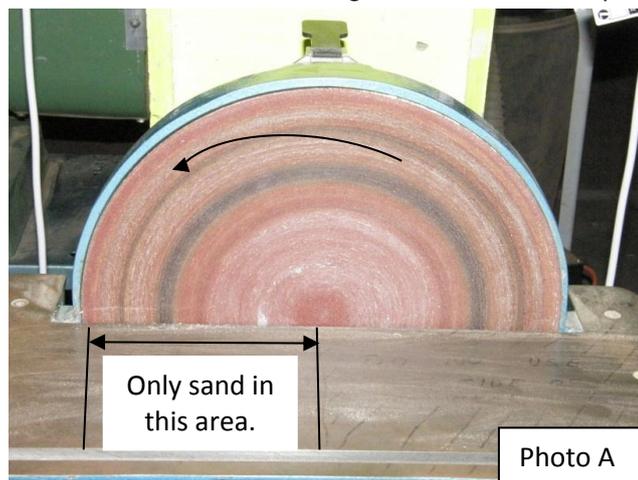
The following must be read in conjunction with SP01 General Workshop Safety Rules.

Belt sanders are used to sand both edges and faces of work-pieces. In the Shed there are two horizontal belt sanders with one being fitted with a course 80 grit sanding belt and the other with a finer 120 grit belt. These are mainly used to sand the faces of small boards. The vertical belt sander on the combination belt/ disc sander is usually used to sand edges. The disc sander on the combination machine and the sand-alone disc sander are almost exclusively used for edge sanding. *Note: Stationary belt sanders are also called finishers.*

The main hazards of belt and disc sanding are: finger abrasion injuries due to contact with the belt or disc and dust inhalation.

Safety Rules

1. Ensure machine and immediate area are free from obstacles.
2. Ensure all guards and adjustable table on disc sander are secured.
3. Always use dust mask.
4. Keep hands & fingers clear of the disc or belt when the machine is running. Use pliers or vice-grips or a custom jig to hold very small work-pieces.
5. Switch on, check that the dust extractor is operating, and wait for machine to reach full speed before use.
6. Only use the combination belt / disc sander for one operation at any one time - i.e. belt sanding or disc sanding by one operator.
7. Never attempt an operation if you are unsure of what you are doing.
8. Adopt a comfortable stance appropriate to the operation that you are performing.
9. On the vertical belt sander and disc sanders ensure work is held correctly. i.e. Sitting firmly on the table and in the case of the disc sanders on left hand side of table as shown in Photo A. *Note: If sanding is attempted on the right hand side of the table the rotating disc tends to lift the work of the table and pull it out of the operators hands, as well as throwing dust into the atmosphere.*



10. Use firm pressure without overloading the machine and constantly move the work-piece from side to side to prevent burning the wood and overheating the belt or disc. *Note: The dark rings in Photo A are the result of overheating.*
11. When finished clean disc / belt with rubber cleaning bar with machine running.
12. Switch off at the machine.
13. Ensure area is left in clean condition and any waste removed