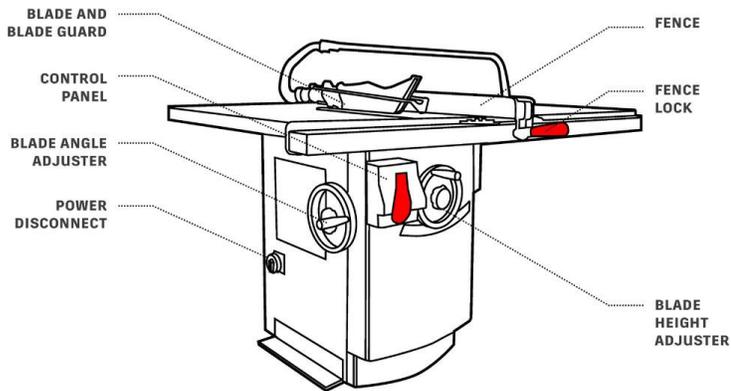


Table Saw



Purpose

The table saw is a woodworking tool with a circular saw blade. It is used to cut straight cuts typically along a guide. The angle of the blade can be adjusted to make angled cuts. The blade can also be moved up and down to cut different thicknesses of materials.

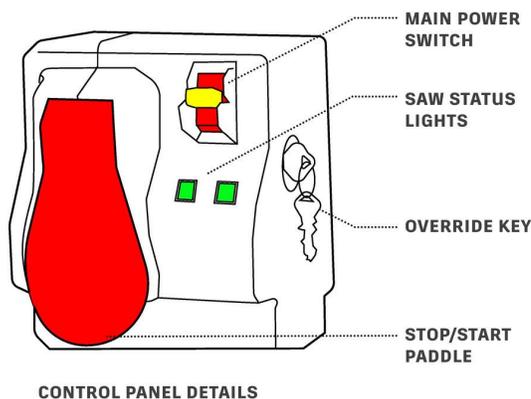
Safety

- Use pushsticks and avoid “freehand” cutting
- Never start the blade with the material touching
- Blade is conductive and will stop if it comes into contact with an electrically conductive object, like a finger
- Do not cut thin widths that can pinch between the fence and blade, this can cause kickback

Physical Limitations

- Maximum thickness: 3 1/8 in.
- Blade kerf: 0.118 in.
- Maximum Angle: 45°

Startup and Running Procedure



1. Make sure the table saw is plugged in and the yellow key is placed in the power switch. When

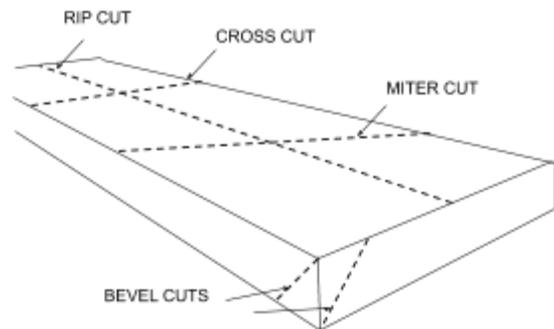
powered on, the saw status lights will begin blinking. When the flashing stops the table is ready to be used.

2. Adjust the height of the blade with the adjuster on the front of the saw so that it sits about 1/4 inch higher than the material being cut.
3. If desired, adjust the angle of the cut by cranking the adjuster on the side of the saw.
4. Place the workpiece onto the tool bench, pushed flat against the side fence. Lift the handle on the fence lock to move the fence.
5. Without powering the tool lift the blade guard and adjust your piece and the fence until the blade is aligned with the desired cut location.
6. When your work piece is in position and you're ready to make your cut, lock the fence and pull the start paddle to activate the blade. Allow the blade to spin up to maximum speed.
7. Using the fence as a guide and pushsticks to hold your workpiece move the piece across the table.

Shutdown Procedure

1. Once the piece has cleared the blade and the blade cover is back flush to the tool bench, push the stop paddle to halt the blade movement.

Tool Usages



Materials

Allowed

- Woods: plywood, particleboard, hardwoods, softwoods
- Plastics: PVC, polycarbonate/Lexan, acrylic

Banned

- Metal
- Carbon Fiber and composites

Video Link

https://www.youtube.com/watch?v=BOz_1ZIKdPU