

Planer



Purpose

The planer is used to create a consistent thickness on a wood workpiece. It will cut the wood a specific thickness parallel to the bottom surface of the workpiece. This means that any imperfections on the bottom of the workpiece will be transferred to the top. Use the planer in combination with the joiner to create square parts.

Safety

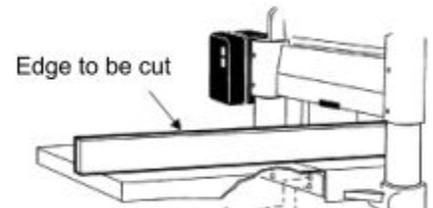
- Make certain motor switch is in the off position before connecting power to the machine.
- Keep hands outside the machine. NEVER reach under the guards to try to clear stock that stops feeding.
- Never make cuts with materials less than 1/4 inch (6.35 mm).
- Make sure to turn machine off after being used.

Physical Limitations

- The piece must be at least 14 inches long to safely travel through the planer
- The Planer can take pieces that are a maximum of 14-7/8 inches wide.
- Workpieces can be a maximum of 6 in and a minimum of 1/4 in

Startup and Running Procedure

1. Before starting, make sure that the workpiece is long enough to pass through the planer. To check place the workpiece on top of the two *black bars* on the planer. If the piece rests easily, you are good to go.
2. Plug the planer into the wall outlet
3. Lower the Depth limiter until the piece is slightly passing through the Depth limiter.
 - a. Lower the machine until it touches the Depth indicator
 - b. Raise the machine half a turn
4. Increase the height of the machine to make shallow cuts.
(Note the closer the Depth Limiter is to the piece the deeper the cut)
5. Push the green button to start the planer.
6. Gently push the workpiece in. The planer will grab the piece and push it along. Do not grab the piece when the planer is still cutting.
7. Remove your piece when it is through to the other side.



Shutdown Procedure

1. Turn off the planer by pushing the red button.
2. Unplug the Machine
3. Clean the Station

Tool Usages

- Use this machine for single board surfacing only.
- Maximum depth of Cut is 3/16" or 4.76mm

Materials

- Hardwoods
- Softwoods

The Planer only works on woods. Staples or nails in the wood may cause damage. The glue used in Plywood will also damage the blades.

Video Link

https://www.youtube.com/watch?time_continue=100&v=_ZwI-LkydNw