



Planer

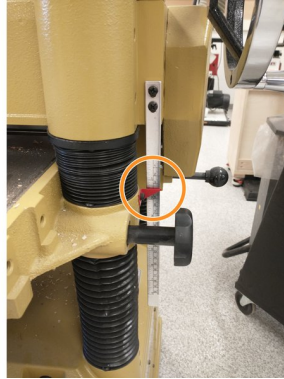
Written By: Sarah Rosalinde Schaupp



Introduction

The planer is used to create a surface parallel to one created on the jointer. This allows you to create a square piece. The planer is also used to reduce the thickness of boards.

Step 1 — Setting the Height



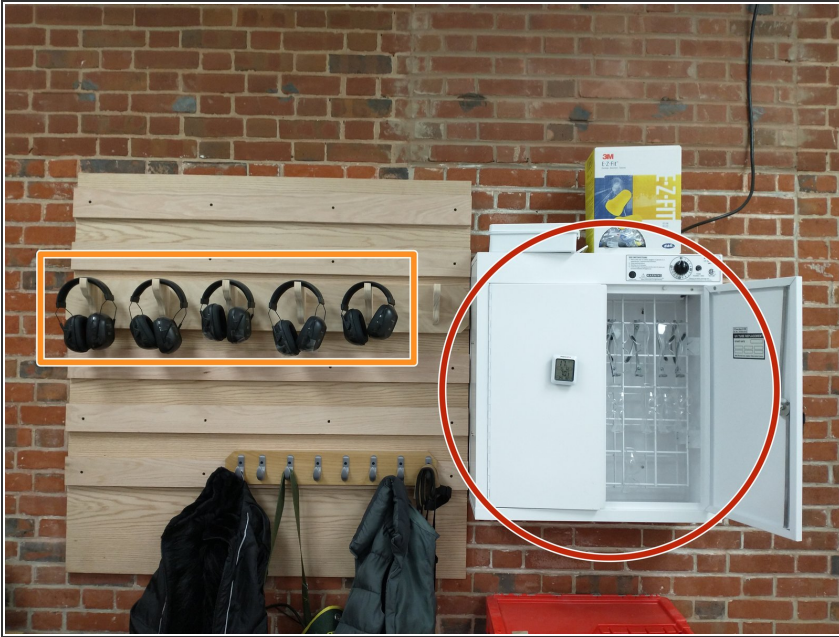
- To raise and lower the bed, turn the large wheel on the side of the planer.
- There is a gage next to the wheel that tells you how thick your piece will be after a cut.
- Set the piece under the black mark and lower the bed until the wood touches the black piece, then back it off 1 turn to ensure you do not start with a deep cut.

Step 2 — Using the Planer



- Before you turn on the planer, make sure to turn on the dust collector next to it.
- Turn the planer on with the green button on the side, and off with the red button.
- Push the piece forward until the planer grabs it. At this point you can move around to the outfeed side to collect your piece.
- Between each pass, lower the planer at most a half-turn. This will give a better finish and prevent tear-out.
- ☑ To prevent snipe, lift the piece up slightly as it exits the planer.

Step 3 — PPE



- Safety goggles are required to work in the woodshop.
- Ear protection is recommended, but not required.
- Long pants, short/rolled up sleeves, and closed toed shoes are required.
- Long hair must be tied back.

⚠ **NO GLOVES** - they can get caught in the machinery.