Drum Sander

This guide will teach you how to use the drum sander.

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Introduction

This guide will walk you through the basic use of the drum sander. The drum sander is used to take off a small amount of material at a time to give your work piece a nice smooth surface. The drum sander is used over the planer when the amount of material to remove is a smaller than 1/8”.

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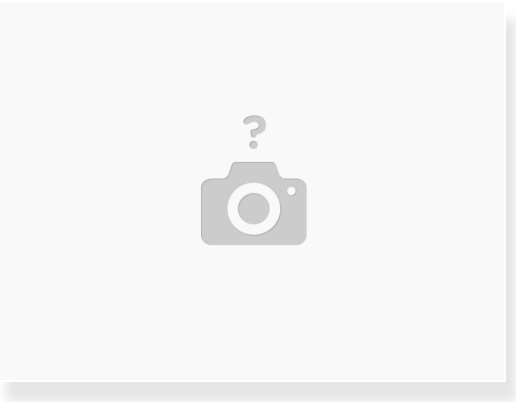
Step 1 — Getting Started



- Ensure all proper PPE is worn.
  - Goggles
  - Ear Protection (optional but **HIGHLY** recommended)

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Step 2 — Prepping Yourself



- Ensure you have done the following:
  - Tied back any loose hair
  - Removed any jewelry from wrists or hands
  - Rolled back any long sleeves
  - Wore closed toed shoes
  - Secured any and all loose and baggy clothing

Step 3 — Adjusting the Height





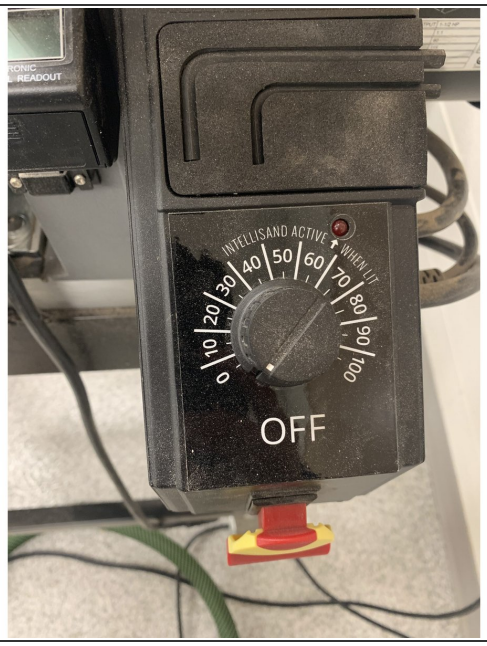


⚠ The drum sander should **NOT** take off more than 1/16th" per pass. Doing so will result in damage to the sandpaper and burning of the wood.

- Max infeed height is 3 1/8"
- Adjust the locking arm to the vertical position to make gross adjustments.
  - Use the angled black arm to raise and lower the sanding head.
- Adjust the locking arm to the horizontal position to make minute adjustments
  - Turn the crank handle to make adjustments. One quarter turn equates to a 1/64" height adjustment.

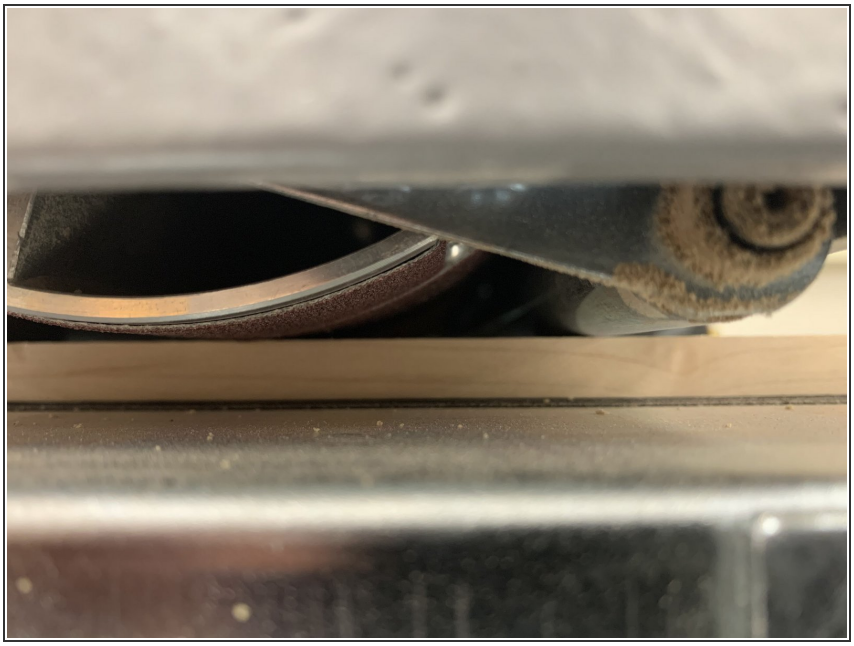
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Step 4 — Adjusting the Feed Speed



- Use knob to adjust feed speed.
  - Feed speed automatically slows down as necessary. However, this does incur burning. Avoid this by taking off less material.
- Start with a speed of 50 and a light pass.
  - If the wood burns or the wood slows down, decrease the amount of material taken off on the next pass and increase feed speed.

Step 5 — Preparing for Use



- Adjust height to the current height of your workpiece using depth gauge, or by placing piece under drum, and lowering until drum **lightly** touches top of work piece.
- Raise height by 1/64" (quarter turn of fine adjustment knob) to remove high spots from piece.

Step 6 — Turn on Dust Collector

- Move blast gate on the intake of Laguna dust collector to open position.
- Turn on dust collector.

Step 7 — Turn on Drum Sander



- Flip large red switch underneath feed rate knob.

  Infeed belt and drum sander can turn on and off independently of each other. Make sure both are on before operating.

Step 8 — Feeding Your Piece

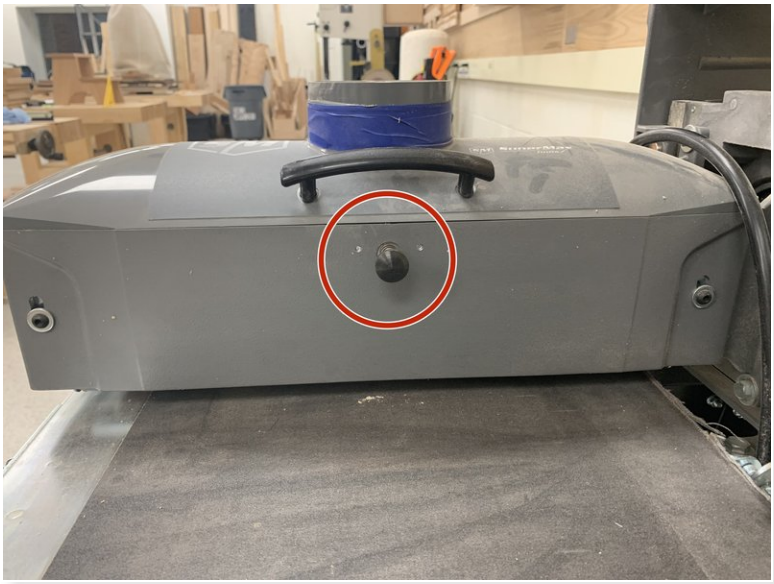




- Place piece on infeed side of the belt.
- Apply pressure to workpiece as piece gets grabbed by rollers to reduce snipe.
- Skew the workpiece to avoid dust buildup on one spot of the drum.

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Step 9 — Cleaning the Drum





- Open drum cover by pressing button and lifting lid.
- Ensure dust collector and air filters are on.
- Grab sandpaper cleaning stick from utility closet.
- Turn on drum sander.
- Run cleaning stick along drum to evenly remove dust build up.

⚠ Maintain firm pressure on the top of the cleaning stick to prevent stick from flying out of your hands.

- Turn off drum sander to inspect drum and remove rubber shavings from housing. Turn on and clean spots missed from initial pass.