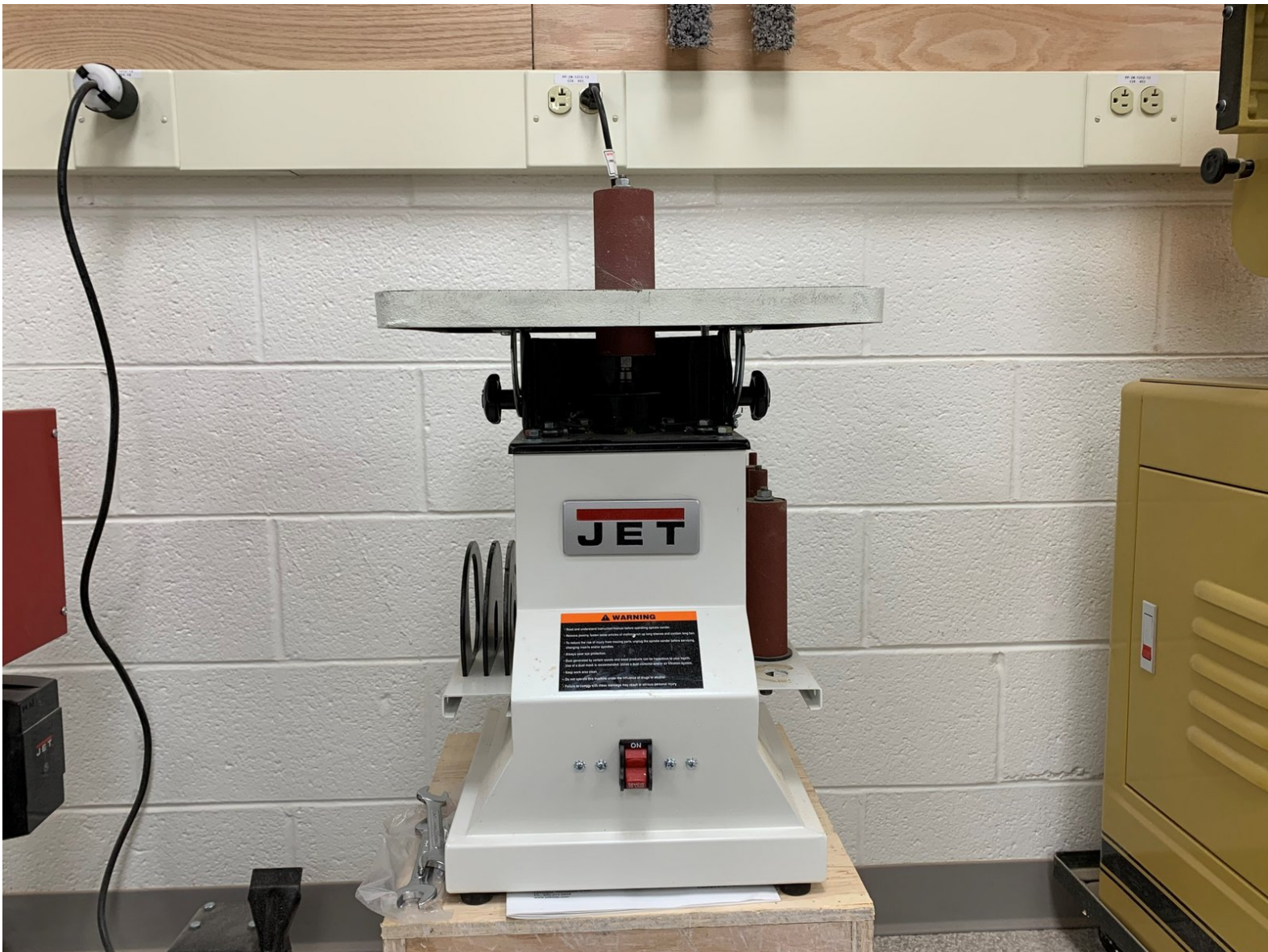




Spindle Sander

This guide will run through the basic use of the spindle sander.

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Introduction

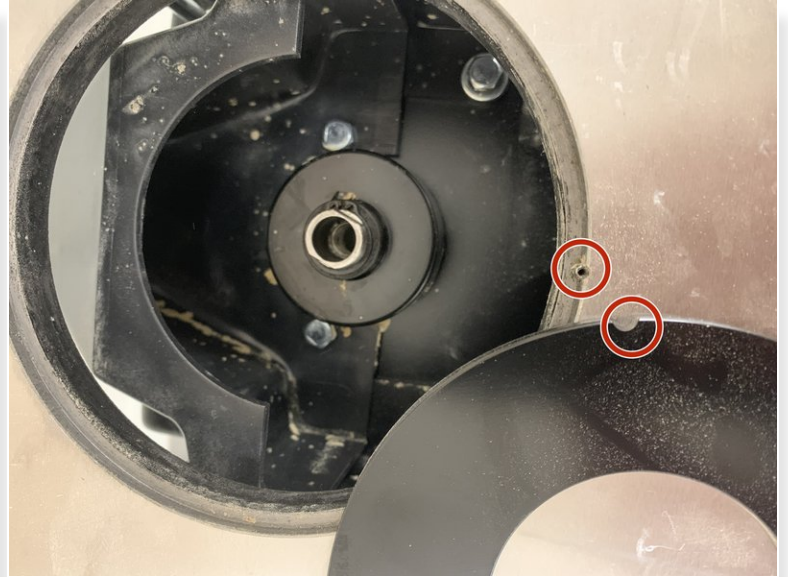
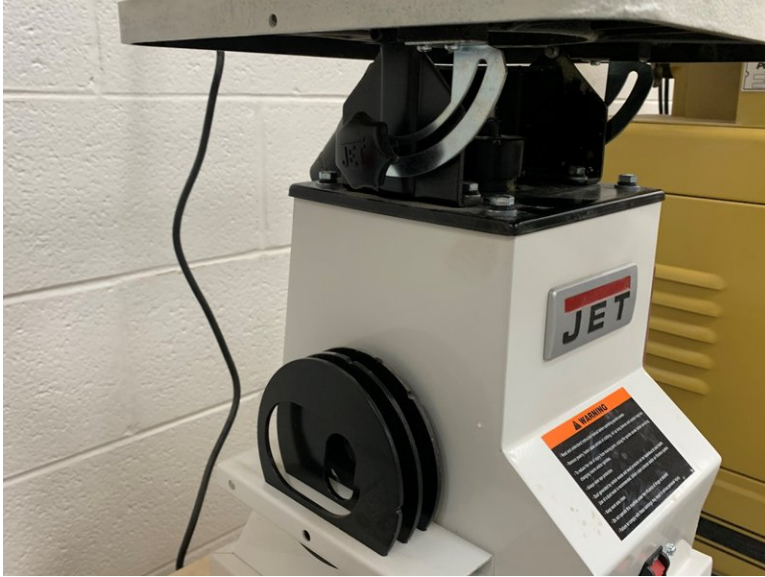
While sanding flat surfaces is easy to do with a palm sander, drum sander, belt sander, or just plain old sandpaper, it gets hard to do when you've got a curve to work with. That's where the spindle sander comes in. The spindle sander comes with cylinders of varying diameters to allow you sand even the smallest curves.

Step 1 — Getting Ready



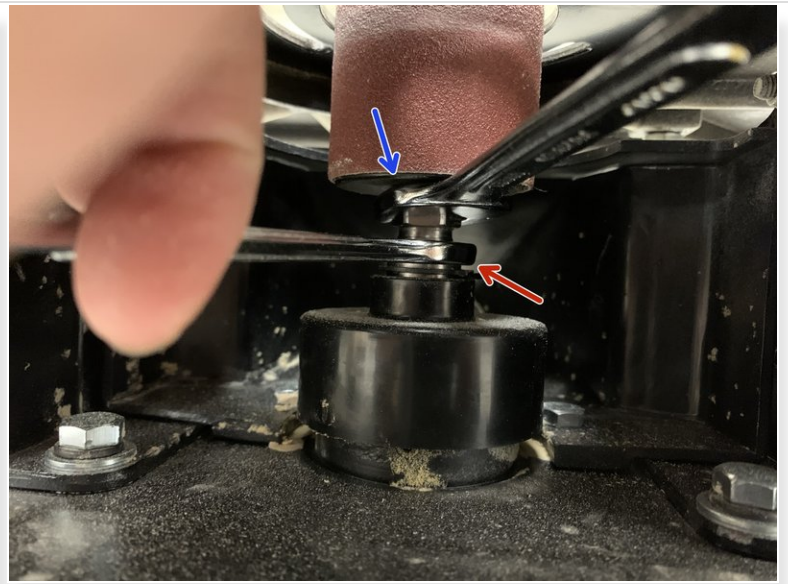
- Ensure you have done the following:
 - Secured all loose and baggy clothing.
 - Removed any bracelets, rings, necklaces, or any other jewelry that could get caught in a machine.
 - Tied back loose hair.
 - Taken and put on protective goggles from the cabinet.

Step 2 — Choosing and Attaching an Insert Plate



- Choose the appropriate insert plate for your desired spindle and angle
 - ① There are 4 total insert plates, 2 oblong plates and two circular plates. Use the oblong plates when sanding at an angle.
- Place insert plate into table by lining bottom notch on the plate's indent

Step 3 — Choosing and Attaching a Spindle



- Consult your plans to determine what spindle is best suited for your needs
- Clean spindle threads and spindle housing if any excess dust is present
- Thread spindle counterclockwise into the spindle housing until tight
- Use the provided adjustment wrenches by holding the spindle housing with one wrench, and turning the spindle with the other
 - Spindle housing
 - Spindle nut

Step 4 — Adjusting the Table Angle



- Check the table is 90° by laying a machinist's square against the table and the spindle
- To adjust the angle of the table, loosen both adjustment knobs on either side of the table
- Push table to desired angle, checking the angle with the built-in gauge and your own protractor
- Tighten both knobs to set angle

Step 5 — Connect a vacuum



- Insert a Festool vacuum hose in the rear dust port
- ⓘ Note: the Festool hose will not snap on perfectly, nor will the dust collection be perfect. Simply attach the hose until it rests inside the sander.

Step 6 — Prepping Your Workpiece



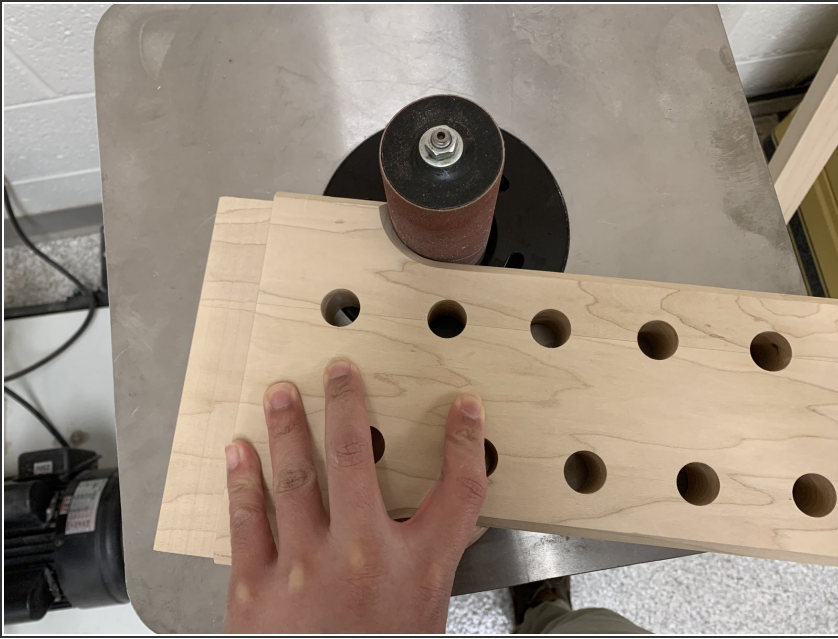
- Cut the majority of the excess material with the appropriate tool (table saw, handsaw, etc.)
- Mark your desired curve using pencil on the work piece according to your plans

Step 7 — Turning on the Machine



- Turn on the vacuum
- Flip the on switch for the sander

Step 8 — Using the Spindle Sander



- Hold workpiece with fingers far from spindle and with piece flat against work table
- Move workpiece at a constant speed along spindle to avoid burn marks and flat spots
- Hold workpiece firmly to avoid the workpiece being caught and flying off the table
- Sand until you reach the curve drawn in step 6

Step 9 — Winding Down



- Turn off sander. Stay with machine until spindle stops rotating
- Use vacuum to clean work table and around spindle housing