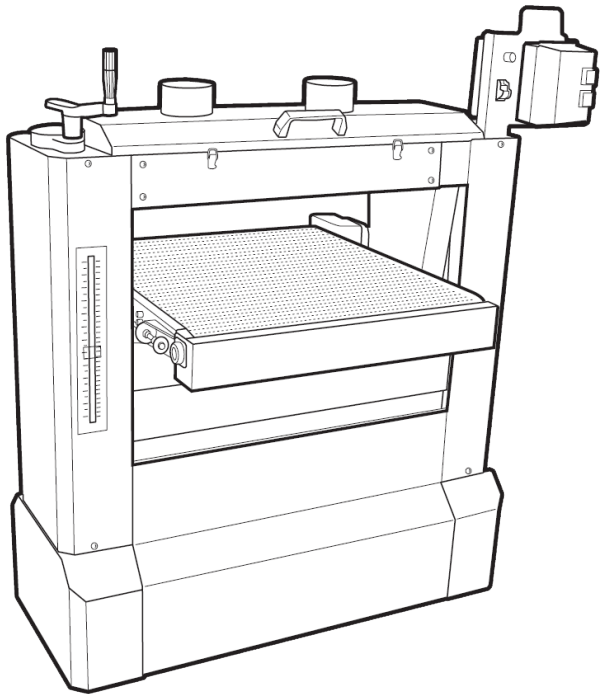


26" Drum Sander

Maintenance Tips and Tricks



Keep your drive belt alive

- Taking too deep of a cut can cause a squealing noise when the drums stop moving and the motor stays running.
- This can cause the belt to stop moving while the drive pulley spins, or the belt will keep moving and rub against the now stationary driven pulleys
- This friction will wear out the belts over time. Encourage students to take lighter cuts, raising the table by only "1 hour" each time.
- Check the belt whenever you have the top cover open, and especially if you have a group of students that are rough on tools.

Replacing the Sandpaper

- This tool works best as a "cutting tool" with lower grits like 60 or 80. You can use higher grits, but they tend to get clogged up quickly, meaning you'll have to replace belts frequently
- It's best to use whatever size is already in your machine, so you can reference that to cut the angles on the new sanding belt. If the machine has a 4" belt, the new one should be 4" as well
 - 4" and 6" belts both work
 - Polyester or cloth backed belts will last longer than paper backed equivalents
- The machine has two drums, so it's possible to run two different grits. For a school woodworking lab, this just adds complexity but if you really want to do it, here's some info
 - The first drum should have the lower of the two grits
 - Different grits of sandpaper have different thicknesses, so the second drum must be adjusted according to the table below. See page 2 for additional info on adjusting the drums

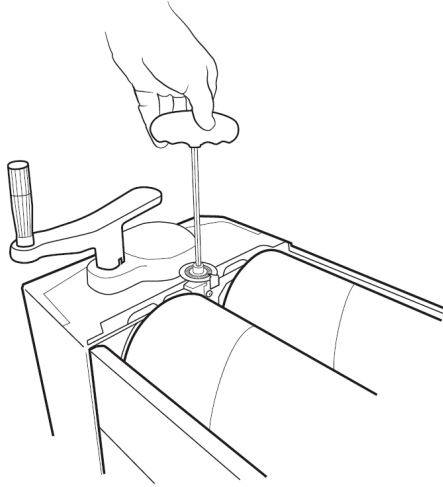
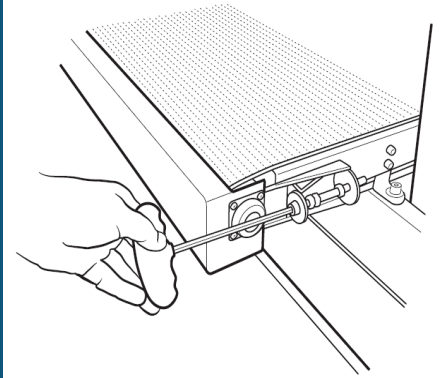
Front Grit / Rear Grit	Setting (mm)
80/100, 120/150, 120/180, 150/220	.15
80/120, 100/150, 100/180	.30
60/100, 36/38	.40
36/120	.56
36/60	.76
36/80	.9

Height Adjustment Screw

- If it is getting difficult to adjust the height of the table, check to make sure the screw is free of sawdust and well greased or oiled

Adjusting the Feed Belt

- If the feed belt is loose, adjust both sides equally to keep the roller parallel to the machine
- If the feed belt is tracking to one side, the roller is probably not parallel.
 - If the belt is tracking to the right, adjust the right side to be farther away from the machine



Adjusting the Drum Height and Parallelism

- The front belt is set at the factory and shouldn't need to be adjusted. If you do have to fix it, good luck.
- There is a dial on each side of the drums to adjust the back roller. In theory they should be set to the same number, but that assumes they're accurate to begin with.

Be careful what you put in the machine

- Keep an eye out for nails and rocks in your material.
 - If these were present, you'd probably have found them while using the jointer and planer, but it's a good idea to keep an eye out anyways
- Don't use the machine as a paint stripper. It'll clog up the sandpaper and you'll be breathing in whatever chemicals are in the painty sawdust



Delta Machinery Owner's
Manual



King Industrial Owner's
Manual

Recommended Sandpaper Supplier:
Wooden Edge Tools & Machinery
(Paul Certified!)

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