

37” Wide Belt Sander



The Wide Belt Sander is similar to a thickness planer in that it removes material from the surface of a board. However, instead of using a series of knives and shaving the material, it uses a sandpaper belt to abrade the work piece that feeds through on a conveyer belt. To avoid accidents the following operational safety rules must be observed by everyone working on the GWG Wide Belt Sander. **Failure to be certified or to follow the safety rules will result in loss of shop privileges.**

37” Wide Belt Sander Safety Rules:

Use planer to reduce thickness: not the sander.

1. Wear proper apparel. Remove loose fitting clothing, jewelry and tie back long hair. Do not wear gloves.
2. Wear eye protection.
3. When feeding the workpiece into the machine, keep clear of kickback path.
4. **Make sure there is NO glue (dry or fresh) on the surface of the piece that you are going to sand.**
5. **Never sand a workpiece thinner than 1/8 inch.**
6. **Never sand a workpiece narrower than ¼ inch.**
7. **Never sand a workpiece shorter than 14 inches.**
8. A two foot perimeter around the sander should be kept clear of people and debris that impair traction or footing to avoid slips and falls.
9. Unplug the sander before adjusting or doing maintenance. (to be done only by supervisor)
10. Never place hands near or in contact with sanding drums or conveyor belt during operation.
11. ONLY the Supervisor may change sanding belts.
12. Always inspect workpiece for nails, staples, knots and other imperfections that could be dislodged and thrown from the machine during sanding operations.
13. Give the work your undivided attention.
14. Never leave the sander unattended.
15. Certain woods may cause an allergic reaction in people, especially when exposed to fine dust. Make sure you know the type of wood dust you will be exposed to & always wear an approved respirator.
16. Never perform sanding operations when the side access doors are open.

Operational Rules:

Sign in on “Operator Log” before using the 37” Wide Belt Sander

Open the dust collector gate & turn on the dust collector.

All material must be planed to a consistent thickness (No Rough Lumber)

ALL glue and dirt must be removed from stock prior to sanding.

Turn on the air valve. This machine will not operate if air pressure is not at least 75psi. (Check this!!)

Measure maximum thickness of material to be sanded.

Using the keypad, enter the maximum thickness of the material +0.005 (enter thickness without decimals). Take note of reading to make sure button is not pressed more than once.

Press the green start buttons (feed belt & sanding Belt).

Start material through sander.

Pay attention to the AMP DRAW meter. Reduce the thickness of sanding if reading is at or above 18 amp by pressing the **Down Key**.

If the table cannot be stopped rapidly enough, then press the 2 red stop buttons or the emergency stop panel below the feed belt.

To reduce the sanding thickness, press the **Up Key** one time then feed the material through the machine.

When sanding is complete:

Stop the machine with the 2 red buttons.(Not the emergency stop) Let belt stop moving before turning off air valve.
Shut off the air valve.

Shut off the dust collector and close the gate.