

Table Saw Safety and Operation

NOTICE Rules and guidelines listed on this page are only reminders. Persons must read lab safety manual, machine manual, and be trained by WRL Manager.



Safety Rules

- Safety glasses and hearing protection are required.
- Never saw freehand.
- Never clear small pieces while blade is moving.
- Never adjust saw or setup while saw is running.
- Don't over reach.
- Always follow 4 inch rule.
- Never use miter gauge and fence at same time.
- Don't reach across the blade.
- Never remove guard unless authorized by Technician or WRL Manager.
- Any operation other than a standard crosscut, miter, or rip cut must be approved by supervisor. This includes any blade changes.
- Never run material other than wood products through the saw unless authorized by supervisor.
- Never run materials containing nails, screws, or other metallic objects.
- If machine is malfunctioning stop immediately and report to supervisor.

Operation

- Put on your safety glasses and hearing protection.
- Material cut on table saw must have machined surface against table, fence, and miter gauge.
- Set fence and/or miter gauge to the desired setting.
- Normally when setting up the saw, the desired piece is between fence/stop and blade. This provides a more accurate cut and reduces the risk of kickback.
- Raise saw blade so that it will project through the top of the piece approximately 1/8". For dados and rabbets raise to desired depth. Tilting the blade requires supervisor's approval.
- Have push sticks ready for cutting narrow pieces (blade to fence settings less than 4").
- For pieces longer than 36" in any direction use an extra support roller or have a buddy off bear for you. The "off bearer" is only there to support stock and should not pull stock through stock.
- To set piece size when cross cutting using miter gauge, use a spacer block clamped to the fence so that the end of the spacer furthest away from you is 1" back from the front of the blade.
- Make sure guard, splitter, and kick back devices are working properly.
- Open blast gate and turn dust collection on.
- Turn saw on.
- Stand to either side of the saw blade. Never stand directly behind blade.
- While cutting, keep fingers and hands from passing through the plane in which the saw blade is. When moving hands, pick them up and bring them into you first. Never slide or swing arms around saw.
- Push stock through the saw in a steady manner with slight pressure keeping it tight against fence or miter gauge.
- Push stock completely past the back side of the blade. Never back stock off blade. Kickback will occur.

- If it is necessary to remove scrap away from the blade, bring it to a complete stop and use a stick or brush to remove it. Don't use your hands.
- After completing work, press stop button and then depress brake pedal until saw comes to a complete stop.
- Lower blade completely below table.
- Shut blast gate and turn off dust collection unless you are proceeding to another machine or someone else is using it.
- Clean up around saw.
- Tear down all setups made. Setups may be left with approval of supervisor.

Setup Tips

- This table saw is equipped with a sliding table. Ask supervisor before attempting to use it. Do not let table slide off its track. Attach miter gauge firmly to the table with the correct hand screw.