

# Table Saw

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Table saws are designed to rip, bevels and angles with precision.

## Safety Rules

1. Always use the fence, crosscut sled or miter gauge. Never cut free-hand on the table saw.
2. Use the blade guard for all operations except when using the crosscut sled or narrow to fit a push stick between the guard and the riving knife, in which case replace the guard with the riving knife.
3. When cutting with the crosscut sled, use the riving knife, and make sure the outfeed table guide slots are aligned with the saw-table slots.
4. Position your body to the left of the blade so that it is not in line with the "kickback alley."
5. When you crosscut multiple pieces to the same short length, use a stop block clamped to the rip fence as your reference point. Using the fence together with the miter gauge or crosscut sled without a stop block risks kickback.
6. Do not reach over the blade until the blade has stopped completely.
7. Keep the tips of the blade teeth only 1/8" to 1/4" above the stock.
8. Never operate a table saw with the throat insert removed. Use a zero-clearance insert when appropriate.
9. Keep the area in back of you free of people in case of kickback. Be careful not to put pressure on the workpiece in a way that would press it against the side of the blade or pinch closed the kerf made by the blade.
10. Use a push stick to rip stock that is too narrow for you to keep your hand 3" from the blade while cutting it.
11. Make sure that the blade has stopped turning completely before you remove scrap pieces from the table or adjust for another operation.
12. When installing a blade, match the direction of the arrow on the blade with the direction of the arrow on the tool casting. The teeth at the top of the blade should point toward you.
13. Use only blades with arbor holes that fit the arbor of the saw. Be sure the arbor nut is tight to prevent slipping or loosening of the blade.
14. Use sharp blades. Damaged or dull blades could throw teeth, causing serious injury. Make sure the blade is clean. Buildup on the surface of the blade will cause excessive friction.



crosscut, and cut

sled or miter gauge.  
table saw.

crosscut and rip  
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fence, in which case  
knife.