

10 INCH

Two basic functions of the 10-inch Table Saw are:

- 1). **RIP** workpieces to **WIDTH** cutting **with** the Grain.
- 2). **CROSS-CUT** workpieces to **LENGTH** cutting **across** the Grain.

Other functions: Bevels, Dado's, Joints, Miters.

The 10-inch Table Saw may also be used to cut Plywood & Composite materials - MDF, etc.

COMPONENTS Naming components now will ensure greater understanding of subsequent instructions.	Bullet Points	Explain & Demonstrate
	SAFETY SWITCH [Fuse Breaker]	UP = Power On. DOWN = Power OFF.
	POWER SWITCH	ON push button. OFF push button. Protruding Shut-OFF Bump Paddle .
	BLADES	Power OFF when changing Blades & CLOSE GATE . Raise blade to highest level when changing blades. Square Blade @ 90 degrees to Table. 1. Ripping . Cut with Grain. 20-40 teeth. Large Gullets - large chips. 2. Cross cut . Cut across Grain. 60-80 teeth. Shallow Gullets. 3. Combination . Cut with & across grain. 40-50 teeth. Small Gullets Large & deep Gullets. 4. Dado blades. Stacked multiple blades control cutting width. Tool Crib. Top drawer = Rip, Cross Cut, Combination. Members may bring blades. Second drawer = Arbor wrenches, feather boards, push sticks. Third drawer = Accessories, jigs, zero clearance inserts, etc.
	BLADE GUARD Assembly	Lock Bolt to Right of assembly. Please do not overtighten. Please . Spreader; anti-kickback pawls & riving knife. Plexiglass guards, lift.
	TABLE INSERT	Zero clearance insert. Choose proper width. Small RED lock insert in front of blade. Secures insert to table. Do Not Overtighten. Slides between blade. Supports kick-back pawls.
	BLADE HEIGHT WHEEL	Wheel in front. Adjusts blade height. Lock Knob. Crank Blade to top when changing Blades or Guard assembly. Blade height ~ 1/4-inch above workpiece.
	BLADE TILT WHEEL	Digital readout. 0-degrees to 45-degrees. Wheel on Right. Lock Knob. Blade Tilt Scale. CW tilts blade 45-degrees Left. CW return blade Upright. Square to 90-degrees. Do not over tighten Lock Knobs. Please .
	TABLE	Cast Iron Table. Two (2) miter grooves on either side of Blade. Outfeed Table with stop for sleds.
	FENCE ASSEMBLY	Square Fence to Table. 90-degrees. Fence Lock Handle. Do Not overtighten as you press this handle downward. Fence Scale indicator.
	FRONT RAIL	Guides the Fence along the rail. Ruler. Check measurements twice.
	MITER GAUGE	90 degrees to Fence. Adjustable. Plus 30-degrees. Minus 30-degrees. . Fits in Miter Slot on Table.
DUST PORT	Gate MUST BE OPEN when operating Table Saw. CLOSED when changing blades.	

	TABLE SAW ACCESSORIES	Miter Guage, Clamps. Push Sticks. Feather boards. Sleds & Jigs.
	Safety	<p>Power Switch OFF and Dust Collection Gate CLOSED when changing Blades.</p> <p>Ask-for-Help. Always.</p> <p>Never use Table Saw 'free-hand'.</p> <p>When titling blade, never run workpiece between the blade and the fence.</p> <p>Select the proper blade for the task.</p> <p>Report issues to a Monitor.</p>
Teaching Steps	Teaching Steps	<p>Feed workpiece all the way through the blade while maintaining firm constant pressure on the workpiece - on the Table & against the Fence.</p> <p>Keep hand and fingers out of the blade path & away from the blade.</p> <p>Feed workpiece into the blade - by hand until at edge of table then use Push Stick.</p> <p>Use Out-Feed Rollers for long or heavy workpieces.</p>
	Plan. Prepare. Measure. Mark.	Plan the cut.
	REVIEW LESSON HIGHLIGHTS	<p>What's the first thing you do when changing blades?</p> <p>Power OFF. Dust Port Gate CLOSED.</p> <p>Blade selection for the task.</p> <p>Blade squareness.</p> <p>Adjust Blade height.</p> <p>Blade angle digital readout & Tilt scale.</p> <p>Set up guard, riving knife & table insert. Small RED lock insert. Do not overtighten.</p> <p>Set up the Fence.</p> <p>Lock Knobs. All must be 'securely' tightened before turning power On.</p> <p>Open drawers - point out contents.</p> <p>Point out various sleds, jigs. Additional training suggested.</p>