

## Craftsman 10" Contractor Table Saw

<b>Description</b>	Contractor Table Saw – Model 113.298842
<b>Size / Horse power</b>	10" Blade / 3 HP / 3450 RPM
<b>Power source</b>	120 volt through plugged power cord
<b>Uses</b>	Precision cut wood, plywood, plastic panels to size

### Safety Precautions

<b>Hazards</b>
Severe cuts, potential for amputation
Flying debris (potential eye and face damage)
Electrical shock
Entanglement of hair, jewelry, or clothing
Material kickback
<b>Training</b>
Shop Safety Fundamentals
Site Specific Training
<b>Protective Equipment</b>
Safety glasses
Hearing protection
Push stick for narrow cuts



### Operation

#### Startup

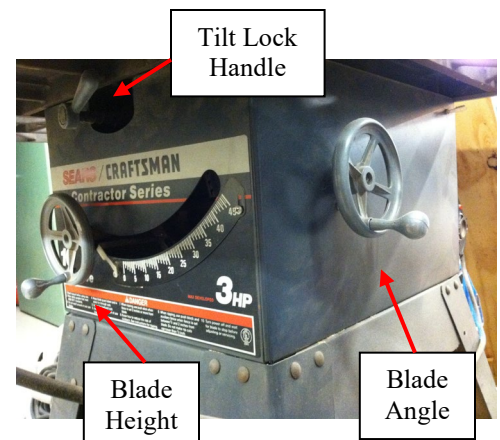
1. Put on PPE listed above
2. Inspect tool for damage or obstructions to operation
3. Ensure work area is clean and free of obstacles
4. Ensure all guards are present and function properly
5. Make necessary adjustments for safe operation – blade height and angle, fence or miter gauge settings
6. Turn on table saw using power switch located at the lower right corner of the front panel
7. Begin work

#### Shutdown

1. Turn off tool using power switch on lower left corner of front panel
2. Allow table saw to stop on its own
3. Remove cut pieces after blade has stopped

#### Blade adjustment

1. Height
  - a. Turn hand wheel counterclockwise to raise blade and clockwise to lower blade.
  - b. Tighten the bevel lock handle to maintain the desired height.
2. Angle
  - a. Turn the tilt-lock handle counterclockwise to loosen the tilt clamp screw. Handle must be push inward to disengage it before turning.
  - b. Turn hand wheel counterclockwise to increase blade angle. Use red pointer on front panel to set desired angle.
  - c. Tighten the bevel lock handle to maintain the desired angle.



**Cross-cut** (across the grain of wood)

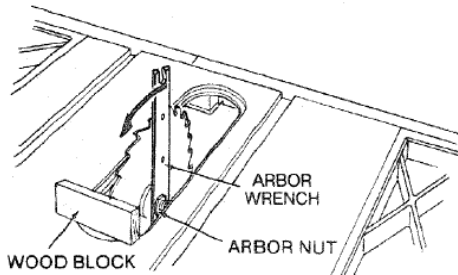
1. Only use miter gauge when performing cuts across the grain
2. Do not use the rip fence with the miter gauge
3. Use the table groove that does not cause interference of your hand or miter gauge with the saw blade guard

**Rip cuts** (cutting with the grain of wood)

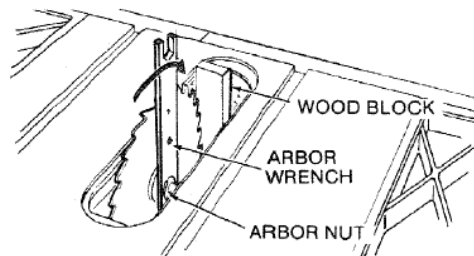
1. Use the rip fence to position and guide the work piece through the saw blade
2. Do not stand in the line of the saw cut when ripping
3. Do not touch the cut off piece until the saw blade is stopped
4. When ripping boards longer than three feet, use out-feed supports at rear of saw table
5. Use a push stick when ripping work less than 4 inches wide
6. Use an auxiliary wood facing on rip fence when ripping work 2 inches or narrower

**Blade Change – Performed by Authorized Personnel Only**

1. **Unplug the saw or remove the power switch toggle.**
2. Remove table insert and raise saw blade to its maximum height
3. Place a block of wood against the front of the blade. Use arbor wrench to loosen arbor nut by turning counter clockwise (opposite thread).
4. Remove nut, flange and blade
5. Assemble new blade on arbor with teeth pointing down at front
6. Re-install flange and nut
7. Tighten the nut by placing the block of wood against the rear of the blade and turning clockwise with the arbor wrench
8. Re-install table insert



**Figure 1: Removing Blade**



**Figure 2: Replacing Blade**

**Dado Head Cuts – Performed by Authorized Personnel Only**

1. The blade guard, splitter and anti-kickback finger assembly must be removed to perform dado cuts.
2. Assemble dado head set using two outside saw blades, up to five inside cutter blades and paper washers to achieve the desired width.
3. Cutter blades must be positioned with cutting edge in the gullets of the outside saw blades.
4. NEVER use the dado head in a bevel position.
5. Always re-install blade guard after dado head assembly is removed.

**Maintenance**

<b>Storage</b>	
<b>Accessories</b>	<ul style="list-style-type: none"> <li>• Miter Gauge</li> <li>• Rip Fence</li> <li>• Push Stick</li> <li>• Blade Guard</li> <li>• Blade Change Wrenches</li> </ul>
<b>Care</b>	<ul style="list-style-type: none"> <li>• Saw must be unplugged or have the power switch toggle locked out when changing blades. These changes must be performed by authorized personnel only.</li> <li>• Use only 10" diameter saw blades rated for 3450 rpm or higher with 5/8" arbor holes.</li> <li>• Install blade with teeth pointing toward operator (rotating toward table top).</li> </ul>