Craftsman – 11” Bandsaw

<table>
<thead>
<tr>
<th>Description</th>
<th>Bandsaw – Model 315.214500</th>
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<tbody>
<tr>
<td>Size / Horsepower</td>
<td>11” / 3/4 HP / 3000 SFPM</td>
</tr>
<tr>
<td>Power source</td>
<td>120 Volts</td>
</tr>
<tr>
<td>Uses</td>
<td>Cutting wood, metal, and other material of this type</td>
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</tbody>
</table>

**Safety Precautions**

**Hazards**
- Flying debris (potential eye damage)
- Electrical shock
- Amputation
- Entanglement of hair or clothing

**Training**
- Shop Safety Fundamentals
- Site Specific Training

**Protective Equipment**
- Safety glasses
- Hearing protection
- Avoid loose fitting clothing
- Tie back long hair

**Operation**

**Startup**
1. Put on PPE listed above
2. Ensure work area is clean and free of obstacles
3. Ensure that the top guide is within 3/16” of the work piece
4. Make necessary adjustments for safe operation
5. Inspect the tool for damage or obstructions to operation
6. Turn on the saw by pulling out on the ON/OFF knob
7. Adjust the speed of the saw by turning the ON/OFF knob clockwise to increase speed and counterclockwise to decrease the speed
8. Begin work
9. Slowly feed work piece towards the saw blade, avoid feeding material too quickly
10. Keep hands clear of saw blade, use push sticks when needed

**Shutdown**
1. Turn off the saw by pushing in on the ON/OFF Knob
2. Allow the blade to come to a complete stop on its own
3. Remove work piece from table top

**Table Tilt**
1. Loosen the table locking knobs
2. Tilt table up to 45⁰ to the right. The angle is indicated on the scale
3. Tighten the locking knobs to secure the table at your desired angle
Installing and Adjusting Blade – **Performed By Authorized Personnel ONLY**

See Owner’s Manual for step-by-step instruction to perform this task

### Adjusting Blade Tension

1. **Disconnect the saw from the power supply**
2. Tension knob is located on the top of the saw. Rotate the quick release knob (outer, larger knob) 1/4 turn to the left or counterclockwise to release blade tension
3. Turn the tension adjusting knob (upper, smaller knob) clockwise to increase tension or raise the upper wheel. Turn it counterclockwise to decrease tension on the blade or lower the upper wheel
4. Rotate the quick release knob clockwise 1/4 turn to engage tension before using the band saw
5. To check the tension, raise the blade guide assembly all the way up exposing the blade
6. Pushing the blade to the side with moderate force, the blade should deflect approximately 1/8”

![Quick Release Knob](image1)

### Tracking the Blade

1. ** Disconnect the saw from the power supply**
2. Blade tension must be properly adjusted before tracking the blade
3. Open the front cover of the saw. Slowly turn the upper wheel clockwise by hand and watch the blade on the upper tire. If the blade moves away from center of the tire, the tracking must be adjusted
4. Insert 1/8” hex key into the tracking adjustment screw located on the back of the saw behind the upper wheel
5. Turn screw clockwise if the blade moved toward the front; turn it counterclockwise if the blade moved away from the front. Make sure to turn the wheel by hand when turning the screw
6. Check the position of the blade on the other two tires. The blade should be completely on the tires. If not, adjust the tracking until the blade is on all three tires
7. Rotate the upper wheel by hand in a clockwise direction for a few more turns. Make sure the blade stays in the same location on the tires. Readjust if necessary, until blade is tracking properly

![Tracking Knob](image2)

### Maintenance

<table>
<thead>
<tr>
<th>Storage</th>
<th>Molecular Biology – Room 0213K</th>
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<tbody>
<tr>
<td><strong>Care</strong></td>
<td>Clean off saw after you are done using. Always use a sharp blade.</td>
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<tr>
<td></td>
<td>• Keep the miter slot and guide bearings clean</td>
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<tr>
<td></td>
<td>• Check driver belt periodically for wear or damage</td>
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<td></td>
<td>• Remove all deposits from the band wheels</td>
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<tr>
<td></td>
<td>• Clean out dust form inside cabinet</td>
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<tr>
<td><strong>Accessories</strong></td>
<td></td>
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<tr>
<td></td>
<td>• Miter Gauge</td>
</tr>
<tr>
<td></td>
<td>• 1/8” Hex Key</td>
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