Delta – 14” Bandsaw

<table>
<thead>
<tr>
<th>Description</th>
<th>Vertical Bandsaw – Model 28-475X</th>
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<tbody>
<tr>
<td>Size / Horse Power</td>
<td>14” / 1.5 HP</td>
</tr>
<tr>
<td>Power source</td>
<td>115 Volts</td>
</tr>
<tr>
<td>Uses</td>
<td>Cutting wood, metal, and other material of this type</td>
</tr>
</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 1/8” of the work piece
4. Make necessary adjustments for safe operation
5. Inspect the saw for damage or obstructions to operation
6. Turn ON the saw by pushing the green start button (A) located on the left side of the saw
7. Begin work
8. Slowly feed work piece towards the saw blade, avoid feeding material too quickly
9. Keep hands clear of saw blade, use push sticks when needed

**Shutdown**

1. Turn OFF the saw by pushing the red stop button (B)
2. Allow the blade to come to a complete stop on its own
3. Remove work piece from table top

Note: The saw can be locked in the “OFF” position with a 3/16” diameter padlock (C)

### Table Tilt

1. Loosen the two clamp handles (A) underneath the table
2. Tilt table to the desired angle on the scale (C) underneath the table
3. Tighten the two clamp handles to secure the table at your desired angle
Changing Blades – Performed By Authorized Personnel ONLY

1. **Disconnect machine from the power source**
2. Remove the table pin (A)
3. Open the blade guard door (C), then open the two wheel-guard doors (B)
4. Move the quick tension lever (D) toward the back of the saw to relieve tension
5. Remove old blade and install new blade. Teeth must be pointing down
6. Slide the blade through the slot (E) in the saw table
7. Place the blade around the two wheel assemblies (F)
8. Replace the table pin (A)
9. Close the two wheel-guard doors (B) and the blade guard door (C)
10. Move the quick tension lever (D) toward the front of the saw to tension the blade
11. See the “Blade Tension” and “Blade Tracking” section to properly tension and track the blade

![Diagram of Delta Bandsaw](image)

Blade Tension – Performed By Authorized Personnel ONLY

1. **See Instruction Manual**

Blade Tracking – Performed By Authorized Personnel ONLY

1. **Disconnect machine from the power source**
2. After applying tension to the blade, rotate the wheel slowly forward by hand and observe the blade’s movement
3. Blade should travel in the center of the upper tire
4. If blade creeps toward the front edge, loosen the wing nut (B) and turn the thumb screw (C) clockwise
5. If the blade creeps toward the back edge, turn the thumb screw (C) counterclockwise
6. Tighten the wing nut (B) once blade is tracking properly

Note: Turn the thumb screw **SLIGHTLY** to make blade tracking adjustments

![Diagram of Delta Bandsaw](image)

**Maintenance**

<table>
<thead>
<tr>
<th>Storage</th>
<th>Fisher Theater – Room 0014</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>
</tr>
<tr>
<td></td>
<td>• Keep the miter slot and guide bearings clean</td>
</tr>
<tr>
<td></td>
<td>• Check drive belt periodically for wear or damage</td>
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<tr>
<td></td>
<td>• Remove all deposits from the band wheels</td>
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<td></td>
<td>• Clean out dust from inside cabinet</td>
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</table>

| Accessories   | • Miter Gauge |

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