# Powermatic – 18” Bandsaw

<table>
<thead>
<tr>
<th>Description</th>
<th>Bandsaw – Model PM1800</th>
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<tbody>
<tr>
<td>Size / Horse power</td>
<td>18” / 5 HP / 1720 RPM</td>
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<tr>
<td>Power source</td>
<td>230 Volts</td>
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<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 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 using the START button located on the left side of the tool
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 using the STOP button located on the left side of the tool
2. Allow the blade to come to a complete stop on its own (12 to 15 seconds) or press the brake pedal to stop the blade (4 seconds)
3. Remove work piece for table top

### Table Tilt
1. Loosen the table tilt lock lever
2. For right tilt, rotate the handwheel counterclockwise to tilt table up to 45°
3. For left tilt, rotate the handwheel clockwise a turn or two to release pressure on the 90° stop bolt. Rotate the circular plate out of the way. Then rotate the handwheel clockwise to tilt the table up to 15°
4. Tighten the lock lever to secure the setting
## Maintenance

| **Storage** | Clean off saw after you are done using. Always use a sharp blade. |
| **Care** | - Keep the miter slot and guide bearings clean  
- Check driver belt periodically for wear or damage  
- Remove all deposits from the band wheels  
- Clean out dust form inside cabinet |
| **Accessories** | - Rip Fence  
- Resaw Fence  
- Miter Gauge |