**Powermatic 10” Cabinet Saw**

<table>
<thead>
<tr>
<th>Description</th>
<th>Professional Cabinet Saw – Model PM2000</th>
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<tbody>
<tr>
<td>Size / Horse power</td>
<td>10” Blade / 3 HP / 3600 RPM</td>
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<tr>
<td>Power source</td>
<td>230 volt through plugged power cord</td>
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<tr>
<td>Uses</td>
<td>Precision cut wood, plywood, plastic panels to size.</td>
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</tbody>
</table>

### Safety Precautions

#### Hazards
- Severe cuts, potential for amputation
- Flying debris (potential eye and face damage)
- Electrical shock
- Entanglement of hair, jewelry or clothing
- Material kickback

#### Training
- Shop Safety Fundamentals
- Site Specific Training

#### Protective Equipment
- Safety Glasses
- Hearing protection

### 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 the saw “ON” by pushing the green start switch
7. Begin work

#### Shutdown
1. Turn “OFF” the saw by pushing the red stop switch
2. Allow table saw to stop on its own
3. Remove workpiece after blade has stopped

Note: The saw can be locked in “OFF” position by removing the yellow safety key

#### Blade adjustment
1. Height
   a. Loosen the lock knob (A) on the blade height adjust handwheel (B)
   b. Turn the handwheel (B) clockwise to raise or counterclockwise to lower the blade
   c. Tighten the lock knob (A)
2. Angle
   a. Loosen the lock knob (A) on the bland angle adjust handwheel (C)
   b. Push the handwheel in (F)
   c. Turn the handwheel (C) counterclockwise to adjust the saw blade down to 45⁰ left tilt (D). Turn clockwise to adjust the saw blade to a maximum of 90⁰ (D)
   d. After selecting the angle, tighten the lock knob (A)
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. Place the miter gauge in the right miter slot for bevel cuts, or either the right or left miter slots for non-bevel cuts
4. Adjust the miter gauge to the desired miter angle
5. Turn on saw
6. Holding the workpiece and miter gauge firmly, move the miter gauge and workpiece slowly and smoothly past the blade

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. When ripping boards longer than 4 feet, use out-feed supports at rear of saw table
4. Use a push stick when ripping work less than 4 inches wide
5. Use an auxiliary wood facing on rip fence when ripping work 2 inches or narrower
6. Place workpiece on the table next to the blade, and adjust the blade so that it is only 1/8” above the workpiece
7. Turn on saw
8. Holding the workpiece firmly, move the workpiece slowly and smoothly past the blade
9. Once cut is complete, power off the saw
10. Do not touch the cut off piece until the saw blade is stopped

Overload Protection
In the event that the saw stops without pressing the stop button as the result of a tripped fuse or circuit breaker, etc.:
1. Press the red “STOP” button to reset the saw
2. Press the green “START” button to restart the machine

Maintenance

<table>
<thead>
<tr>
<th>Storage</th>
<th>Fisher Theater – Room 0014</th>
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<tbody>
<tr>
<td>Care</td>
<td>- Wipe down the table surface and grooves with rust preventive</td>
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<td></td>
<td>- Clean the pitch and resin from the saw blade</td>
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<td></td>
<td>- Clean motor housing and remove saw dust</td>
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<tr>
<td>Accessories</td>
<td>- Miter gauge</td>
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<tr>
<td></td>
<td>- Rip fence</td>
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<tr>
<td></td>
<td>- Push stick</td>
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<tr>
<td></td>
<td>- Blade guard</td>
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<tr>
<td></td>
<td>- Blade change wrenches</td>
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