JET Combination Belt/Disc Sander

<table>
<thead>
<tr>
<th>Description</th>
<th>Combination Belt/Disc Sander – Model JSG-6DC</th>
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<tbody>
<tr>
<td>Size / Horse power</td>
<td>48” x 6” Belt / 12” Disc / 1.5 HP</td>
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<tr>
<td>Power source</td>
<td>115 volt through plugged power cord</td>
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<tr>
<td>Uses</td>
<td>Sanding of wood and metal</td>
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### Safety Precautions

#### Hazards

- Abrasions
- Flying debris (potential eye and face damage)
- Electrical shock
- Entanglement of hair, jewelry or clothing
- Fire risk

#### Training

- Shop Safety Fundamentals
- Site Specific Training

#### Protective Equipment

- Safety Glasses
- Hearing protection
- Tie back long hair
- Avoid loose fitting clothing

### Operation

#### Startup

1. Put on PPE listed above
2. Ensure work area is clean and free of obstacles
3. Ensure all guards are present and function properly
4. Make necessary adjustments for safe operation
5. Inspect machine for damage or obstructions to operation
6. Turn on sander using power switch located at front center of the machine
7. Begin work
8. Slowly press work piece against belt/disc, avoid feeding material to quickly
9. Keep hands clear of sanding surfaces

#### Shutdown

1. Remove work piece
2. Turn off tool using power switch
3. Allow sander to stop on its own

#### Belt Arm Adjustment

1. Loosen the belt arm lock screw to tilt the belt arm
2. Belt arm can be tilted from 0° to 90° (Arm has preset positions at 0°, 45°, and 90°)
3. Once desired angled is determined, tighten the lock screw before operation
Disc Table Adjustment
1. Loosen both lock knobs
2. Adjust table until desired angle is met, use the gauge on the side for proper angle
3. Tighten both lock knobs to secure table before use

Installing Abrasives – Performed by Authorized Personnel Only

Abrasive Disc
1. Disconnect machine from the power source
2. Remove old abrasive disc by peeling it off of the aluminum disc
3. Make sure the aluminum disc is clean and dry
4. Peel the backing from the abrasive and carefully insert it between the disc and table; align and press into place, working from the middle to the edges to avoid air bubbles
5. Rotate disc a half turn and press the other half of the abrasive into place

Abrasives Belt
1. Disconnect machine from the power source
2. Raise the belt arm to the vertical position
3. Loosen the lock screw and open the left side panel
4. Pull the tensioning handle toward you with one hand, while using the other hand to slide the belt off the drums
5. If your replacement abrasive is a directional abrasive, make sure that the arrow on the belt match the direction of the arrow on the machine
6. With the tensioning handle toward you, insert the new belt onto both drums and over the platen pad
7. Center the belt on the platen and release the belt tensioning handle
8. Before operation, make sure the belt is tracking correctly, see Belt Tracking Adjustment

Belt Tracking Adjustment – Performed by Authorized Personnel Only
1. Disconnect machine from the power source
2. Rotate the belt by hand and observe how it tracks. The belt should run centered on the belt wheels
3. If the belt tracks left or right of center, loosen the locking nuts (A)
4. Turn the front screw (B) while turning the belt by hand and observe belt tracking. Once the belt starts to move in the desired direction, stop and turn the rear screw (C) in the same manner
5. Grasp the tensioning adjustment handle (D) and start the machine. Be ready to pull down on the tension adjustment handle should the belt want to run off the belt wheel
6. Fine adjustment of the tracking may be necessary. When the tracking has stabilized, slowly release the belt tensioning arm and let the machine run for two minutes
7. Tighten lock nuts (A) when tracking adjustments are completed

Maintenance

<table>
<thead>
<tr>
<th>Storage</th>
<th>Design – Room 0020</th>
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<tbody>
<tr>
<td>Care</td>
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<tr>
<td></td>
<td>• Wipe the machine down after each use</td>
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<td></td>
<td>• Keep exposed metal surfaces clean and rust free</td>
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<tr>
<td></td>
<td>• Make periodic inspection of the operation of the machine</td>
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| Accessories   | Miter Gauge       |