Rockwell/Delta 11” Drill Press

<table>
<thead>
<tr>
<th>Description</th>
<th>Drill Press – Model 11-100</th>
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<tbody>
<tr>
<td>Size / Horse Power</td>
<td>11” / 1/3 HP / 700 - 4700 RPM</td>
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<tr>
<td>Power source</td>
<td>115 volt through power cord</td>
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<tr>
<td>Uses</td>
<td>Drilling/Boring holes into various material (metal, wood, plexiglas, plastic)</td>
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</tbody>
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**Safety Precautions**

**Hazards**
- Flying debris (potential eye damage)
- Electrical shock
- Abrasions
- 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. Make necessary adjustments for safe operation
4. Inspect the tool for damage or obstructions to operation
5. Place material so that it is resting against the left side of the column to prevent material from spinning or securely fasten material to the table
6. Make sure the drill chuck is tightened down on the drill bit and the chuck key has been removed
7. Turn on the drill press by flipping the toggle switch located on the motor
8. Begin work
9. Slowly feed drill bit towards material, avoid feeding material too quickly or to slowly
10. Keep hands clear of drill bits

**Shutdown**
1. Turn off the drill press by flipping the toggle switch located on the motor
2. Allow the chuck to come to a complete stop on its own
3. Remove work piece for table top
**Depth Stop Adjustment**
1. Mark a reference to the depth the bit will drill into the material
2. Move the quill (D) to the “DOWN” position
3. With the drill bit in the chuck, lower downfeed handle to advance bit to your mark
4. Advance the lower stop nut (A) on the stop rod until it is set against the lug (C)
5. Return the chuck to the “UP” position
6. Return the quill (D) to the “UP” position and tighten the upper stop nut against the lower stop nut
7. The drill bit will now only advance to this depth

**Changing Spindle Speeds – Performed By Authorized Personnel ONLY**
1. Use the pulley/belt arrangement chart listed below when changing speeds
2. Unplug the drill press from the power source
3. Loosen the two hexagon head cap screws (F)
4. Slide the motor bracket in to release tension on the belt
5. Position the belt in the correct position according to the chart
6. Slide the motor bracket out to increase tension on the belt. Correct tension is obtained when the belt can be flexed about 1” out of line midway between the pulleys using finger pressure
7. Tighten the two head cap screws (F)

**Maintenance**

<table>
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<tr>
<th>Storage</th>
<th>Veterinary Medicine – Room 1238</th>
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<tbody>
<tr>
<td>Care</td>
<td>Clean off drill press after you are done using.</td>
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<tr>
<td>Accessories</td>
<td></td>
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