

## Drill Press

|                          |   |
|--------------------------|---|
| <b>Description</b>       | Drill Press   |
| <b>Size / Horsepower</b> | 16 1/2" / 3/4 HP  |
| <b>Power source</b>      | 115 volts through power cord  |
| <b>Uses</b>              | Drilling/Boring holes into various material (metal, wood, Plexiglas, plastic) |

### Safety Precautions

|                                      |
|--------------------------------------|
| <b>Hazards</b>                       |
| Flying debris (potential eye damage) |
| Electrical shock                     |
| Abrasions                            |
| Entanglement of hair or clothing     |
|                                      |
| <b>Training</b>                      |
| Shop Safety Fundamentals             |
| Site Specific Training               |
|                                      |
| <b>Protective Equipment</b>          |
| 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 pushing the "START" button
8. Begin work
9. Slowly feed drill bit towards material, avoid feeding material too quickly or too slowly
10. Keep hands clear of drill bits

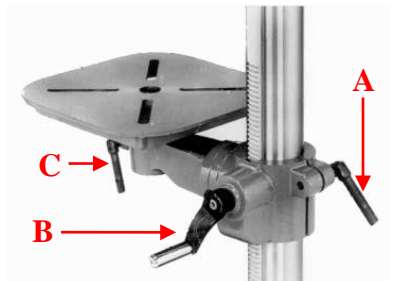
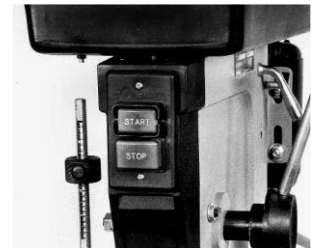
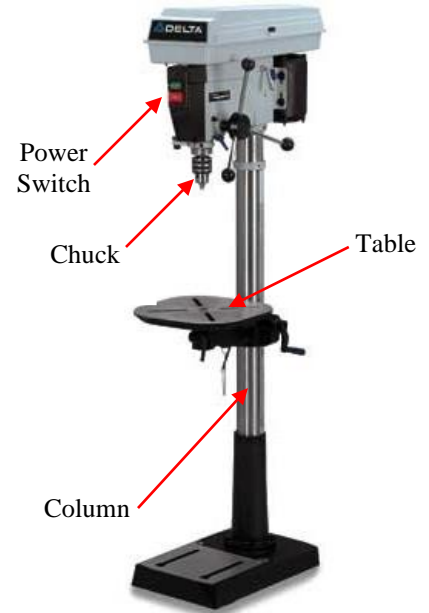
#### Shutdown

1. Turn "OFF" the drill press by pushing the "STOP" button
2. Allow the chuck to come to a complete stop on its own
3. Remove work piece from table

#### Table Adjustments

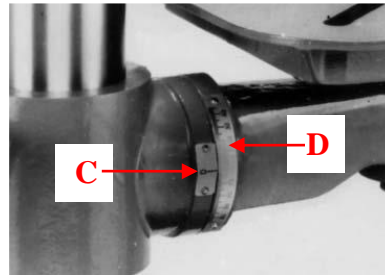
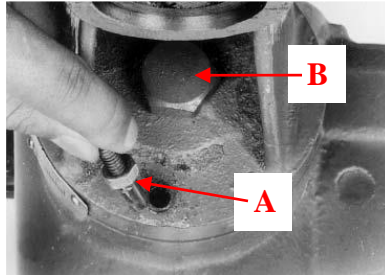
##### Raise and Lower:

1. Loosen the table clamp handle (A)
2. Rotate the raising/lowering handle (B)
3. After the table is at the desired height, tighten the table clamp handle (A)
4. To rotate the table on the table bracket, loosen the lock handle (C)



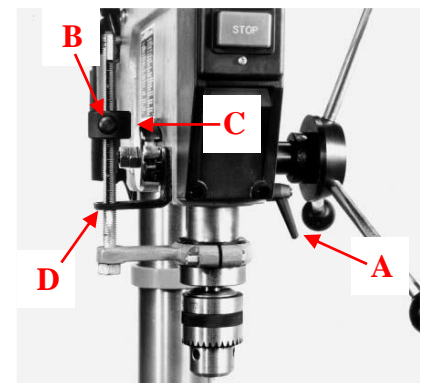
*Tilt Table*

1. To tilt the table right or left, pull out and remove the table alignment pin (A)
2. Loosen the table locking bolt (B), tilt table to the desired angle and tighten bolt (B)
3. A tilt scale (D) and pointer (C) are provided on the table bracket casting to indicate the degree of tilt
4. When you return the table to the level position, replace the table alignment pin (A) to automatically position the table surface 90 degrees to the spindle



*Depth Stop Adjustment*

1. **Disconnect the drill press from the power source**
2. Insert the bit into the chuck
3. Lower the chuck and the drill bit to your chosen depth. Lock the quill in position by tightening the quill locking lever (A)
4. Depress the spring loaded button (B) and move the stop nut (C) until the bottom of the nut contacts the stop (D). Loosen the quill locking lever to allow the chuck and drill bit to return to the up position
5. Reconnect the power source and drill a test hole to check the adjustment



*Changing Spindle Speeds – Performed by Authorized Personnel Only*

**Maintenance**

|                    |   |
|--------------------|---|
| <b>Storage</b>     |   |
| <b>Care</b>        | <ul style="list-style-type: none"> <li>• Clean off drill press after you are done using.</li> <li>• Periodically apply a light film of oil to the quill and column. This will reduce wear, prevent rust, and assure ease of operation.</li> </ul> |
| <b>Accessories</b> | 3mm Hex Wrench<br>5mm Hex Wrench  |