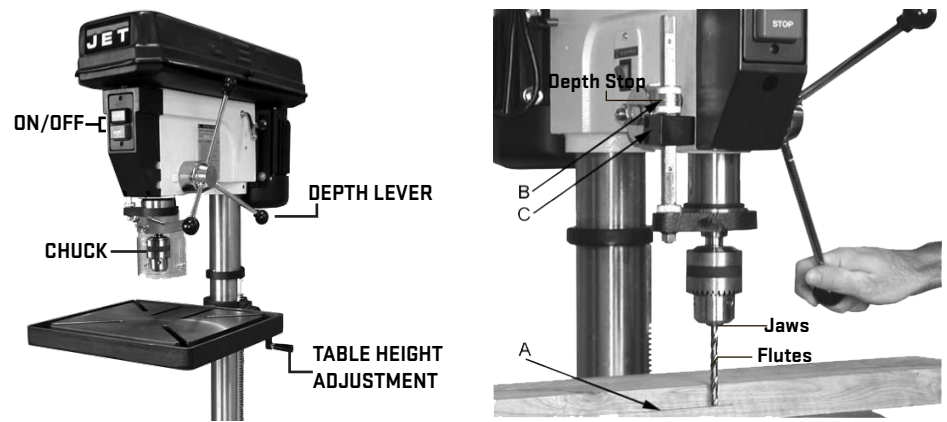


DRILL PRESS



Description + Intended Use

The drill press has a motor driven head that has a chuck that accept bits or cutters. It also has an adjustable table on which the work is mounted. It is operated by pulling a rotary lever which lowers the drill bit into the material.

Allowable Materials

Wood
Soft Metal
Aluminium
Mild Steel
Brass
Plastics

Operation

1. Place the bit as far into chuck as possible without the jaws touching the flutes.
2. Make adjustments to table.
3. Let the spindle reach full speed before lowering the drill.
 - a. Drilling metals should produce nice chips that do not show extreme signs of heat.
 - b. Drilling wood should never produce smoke -- reduce spindle speed, clear chips, or get a sharper bit if it does.
4. Periodically lift the drill bit in order to clear chips.
5. Ensure the spindle has come to a complete stop before touching the workpiece.
6. Return all bits to their storage container

Safety Guidelines

1. Secure Workpiece to the table by holding firmly or with clamps or a vise.
2. Use a sacrificial board whenever drilling through the workpiece.
2. Make sure all locks are tightened before drilling.
3. Use the recommended speed for bit and material.
5. DO NOT use router bits, Dremel tools, or any other tool that is not designed for the drill press.