

Drill Press

The drill press is used to drill holes precisely and with repeatable accuracy. It has a motor-driven head with a chuck that accepts bits or cutters. It also has an adjustable table on which the work is mounted. It is operated by pulling a rotary lever that lowers the drill bit into the material.

Safety Rules

1. Make sure the size of the bit is within the capacity of the drill press.
2. Do not exceed the recommended speeds for the type and size of drill bit being used and composition of the stock being drilled.
3. Support the underside of the stock to be drilled with a backer board secured to the drill press table.
4. Use a clamp or vise to securely fasten the stock to the drill press table. Never hold stock in your hand while drilling.
5. To drill into the side of cylindrical stock, hold the workpiece in a "V" block.
6. When drilling into a long workpiece, position the excess stock to your left so that, if the stock rotates, it will hit the fence or the post, not you.
7. If a drill bit binds, turn off the drill press and carefully turn the chuck backwards by hand to free the drill bit.
8. Never reach around or under a rotating drill bit.
9. Don't try to stop the rotation of the drill chuck, spindle, or stock rotating on bit with your hands or fingers.

