

Hollow Chisel Mortiser

The hollow chisel mortiser is a specialized machine used to cut square or rectangular holes in woodwork—a workpiece—most often to cut mortises for mortise and tenon joints. Similar to a drill press, in many respects, it combines the cutting of a four-sided hollow chisel with the action of a drill bit in the center. The bit clears out most of the material to be removed, and the chisel ensures that the edges are square, straight, and clean.

Safety Rules

1. Turn the bit one complete revolution by hand before the power is turned on to make sure it doesn't bind.
2. Keep chisel and drill bits sharp and clean for the best and safest performance. Follow instructions for lubricating and changing accessories.
3. Make sure the workpiece is securely attached or clamped to the table. Never use your hand to hold the workpiece.
4. In cutting a mortise wider than the chisel, cut a hole at one end, then move the chisel past material about 2/3 size of the hole, and cut another hole. Continue in this manner until the mortise length is left between holes. Failure to follow this procedure will result in a ruined chisel and bit.



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Got them on?

Don't forget: Wear them whenever you are in the shop.