

Should a table drill be used?

Table drilling machines provide the most accurate drilling holes, meeting the demand for industrial and continuous drilling on wood and metal.

Table drilling machines for standard, non-minded drilling holes, high drilling productivity, meeting the demand for continuous drilling for commercial purposes.

What is a table drill?

Table drill has a cylindrical stand with a solid base. The top of the machine is equipped with an electric motor. The cylindrical body of a table drill is usually made of iron, steel or alloy so it is extremely resistant. The iron base section has a square or rectangular shape that keeps the drill very balanced and fixes the machine on a flat surface effectively.

Near the base is equipped with a table to support drilling materials. Support tables are also made of cast iron or alloy mix with 3 common shapes: circle, square or rectangular.

Table drilling machines are built by civilians, mechanics and carpenters very much because of the following reasons.

Why should a table drill be used?

Hand drill when drilling will have to hold directly into the body to control so it causes vibration when drilling so sometimes the drill does not go in the right direction. But table drills are different because the body is firmly fixed so the hole is extremely accurate, the ball is not blocked by Oval, the hole is not eccentric despite drilling deeply. In addition, the table drill machine also integrates the following outstanding advantages:

1. When drilling the user does not need to use much force.
2. The machine is equipped with squirrel cage motor so the noise is very small.
3. Step forward to cut the workpiece evenly.
4. Firm design makes it very safe to use.
5. Can use taper drill bits.
6. Can expand the function of Tots.
7. A worker can stand many machines (if choosing Auto Feed line), it will give high productivity, meet the demand of industrial use.

However, the device also has two minor defects that are more difficult to move because of the bulky design, heavy weight. The price is also more expensive.

Instructions for using the table drill properly

To ensure occupational safety as well as know how to use the table drill properly users need to read the manual before use. In addition, when using a table drill, the following principles must be followed:

1. It is necessary to test the machine before drilling to see if the machine is operating normally, the drill has turned in the right direction.
2. Do not turn on the switch before the machine plugs in to ensure safety.
3. The machine should be placed on a stable flat surface such as a concrete floor to avoid tilting or slipping.
4. When working with a table drill, you should be equipped with protective accessories and eye protection.
5. Absolutely not use the drill in a place with high humidity to avoid danger of electricity.
6. Those who do not have a duty are not allowed to approach when the machine is operating.
7. A tight drill bit should be installed on the clamping head to ensure occupational safety.
8. Choose the correct power source recommended by the manufacturer.
9. When using it, select the appropriate speed according to the diameter of the drill.
10. When you want to drill bore holes with a diameter greater than 17mm, you should drill the small nose with a fast speed and then drill the larger nose with a slow speed.
11. After working, clean the drill table cleanly, especially the head and head of the drill.
12. Regularly check the slider to see if it is loose. If you see it, you can use a tightening screw tightening machine.
13. Use the electric tester periodically to check the parts for electrical openings.

3 model drills worth owning in 2019

1. Maxpro MPBDP16 table drill - Reference price: 2,450,000 VND

1. Speed of Maxpro drilling machine: 9 speeds (280 - 2,350 rpm)
2. Moving shaft: 50mm
3. Height: 61cm
4. Voltage source: 220V
5. Capacity: 500W
6. Drill bit diameter: 1.5mm - 16mm
7. Product weight: 20kg
8. Brand: China
9. Made in China
10. Warranty: 6 months



2. Table drilling machine Total TDP133501 - Reference price: 1,730,000 VND

1. Drill capacity: 13mm
2. Voltage source: 220 - 240V / 50Hz
3. Drilling machine capacity Total: 350W
4. No-load speed: 620-2620 / minute (50Hz); 740-3100 / minute (60Hz)
5. Table size: 160 x 160 mm
6. Stand size: 290 x 190 mm
7. Product weight: 19kg
8. Brand: Germany
9. Made in China
10. Warranty: 6 months



3. Maxpro MPBDP13 bench drill - Reference price: 2,450,000 VND

1. Maxpro table drill speed: 580 - 2,650 rpm
2. Moving shaft: 50mm
3. Drill bit diameter: 1.5mm - 13mm
4. Brand: China
5. Made in China
6. Warranty: 6 months



Hopefully, the above article will help users understand more about table drill machines to know how to use them to bring the best drilling efficiency.

You finished reading the article "**Should a table drill be used?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.