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› Parkside PTBMOD 710 Bench Drill User Manual

PSIDE PTBMOD 710

Parkside PTBMOD 710 Bench Drill User Manual

Model: PTBMOD 710 | Brand: PSIDE

1. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Read all instructions carefully before operating the bench drill.

General Safety

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Personal Safety

- Always wear eye protection. Use safety glasses, goggles, or a face shield.
- Wear appropriate personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection for appropriate conditions.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.

2. PRODUCT OVERVIEW

The Parkside PTBMOD 710 Bench Drill is designed for precise drilling in various materials including wood, metal, and plastic. It features a powerful motor and electronic speed control for consistent performance.



Image: The Parkside PTBMOD 710 Bench Drill, showcasing its main components and compact design.

Key Features

- **Powerful 710 W Motor:** Ensures efficient drilling through various materials.
- **Electronic Speed Control:** Allows for precise speed adjustment from 500 to 2600 RPM, maintaining constant speed under load.
- **Depth Stop and Zero Point Adjustment:** For consistently deep and accurate holes.
- **Integrated Adjustable Laser:** Provides a visual guide for precise drilling point marking.
- **Comfortable Spring-Return Handle:** For smooth and controlled drilling operations.
- **Large Cast Iron Base:** Designed for stable workbench mounting (mounting hardware not included).
- **Quick Clamping Device:** Facilitates easy and secure clamping of workpieces, including round materials.
- **Parallel Stop:** For secure positioning of the workpiece during drilling.

Included Accessories

- 2 x Allen Keys
- 1 x Chuck Key
- 1 x Parallel Stop

3. SETUP

Proper setup is crucial for safe and accurate operation of your bench drill.

Unpacking

Carefully remove all components from the packaging. Check for any damage that may have occurred during transit. Ensure all listed accessories are present.

Assembly

1. **Mounting the Base:** Secure the large cast iron base to a sturdy workbench using appropriate mounting hardware (not included). Ensure the drill is stable and cannot tip over.
2. **Attaching the Column:** Insert the column into the base and secure it according to the instructions provided in the detailed assembly diagram (refer to the physical manual for diagrams).
3. **Installing the Drill Head:** Mount the drill head assembly onto the column, ensuring it is properly aligned and tightened.
4. **Attaching the Handle:** Secure the spring-return handle to the drill head.
5. **Installing the Quick Clamping Device and Parallel Stop:** Attach these accessories to the base plate as needed for your specific drilling tasks.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your Parkside PTBMOD 710 Bench Drill.

Power Connection

Connect the power cable to a suitable 230V AC power outlet. Ensure the power switch is in the 'OFF' position before plugging in the tool.

Adjusting Speed

The electronic speed control allows you to adjust the drilling speed between 500 and 2600 RPM. Use lower speeds for harder materials and larger drill bits, and higher speeds for softer materials and smaller drill bits. Refer to the material guidelines below:

- **Wood:** Generally higher speeds.
- **Metal:** Generally lower speeds.
- **Plastic:** Medium to high speeds, depending on plastic type.

Setting Depth Stop

To achieve consistent drilling depths, adjust the depth stop. Loosen the depth stop locking mechanism, lower the drill bit to the desired depth, and then secure the depth stop. This prevents the drill from going deeper than intended.

Using the Laser Guide

Activate the integrated laser to project a crosshair onto your workpiece, indicating the exact drilling point. Adjust the laser position if necessary to align with your mark.

Securing Workpiece

Always secure your workpiece firmly to the base plate using the quick clamping device or parallel stop. This prevents the workpiece from rotating or shifting during drilling, ensuring safety and accuracy. For round workpieces, the quick clamping device is also suitable.

Drilling Procedure

1. Select the appropriate drill bit for your material and desired hole size. (Note: Drill bits are not included).
2. Insert the drill bit into the chuck and tighten it securely using the chuck key.
3. Position the workpiece and secure it.
4. Adjust the speed and depth stop as required.
5. Align the drill bit with your mark, using the laser guide for precision.
6. Switch on the drill.
7. Slowly lower the drill bit into the workpiece with steady pressure. Avoid excessive force.
8. Once drilling is complete, raise the drill bit and switch off the machine.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your bench drill.

Cleaning

- Always disconnect the power plug before performing any cleaning or maintenance.
- Clean the tool regularly, especially after use, to remove dust, chips, and debris. Use a soft brush or compressed air.

- Do not use harsh chemicals or abrasive cleaners, as these can damage plastic parts.

Chuck Care

Periodically clean the chuck jaws to ensure they grip drill bits securely. Apply a small amount of light machine oil to the chuck threads if it becomes stiff.

Storage

Store the bench drill in a clean, dry, and secure location, out of reach of children. Protect it from moisture and extreme temperatures.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your bench drill.

Problem	Possible Cause	Solution
Drill does not start	No power supply; Power switch off; Faulty cable	Check power connection; Turn on power switch; Inspect cable for damage, contact service if damaged
Inconsistent drilling speed	Overload; Incorrect speed setting for material	Reduce pressure; Adjust speed to suit material and drill bit size
Inaccurate drilling	Workpiece not secured; Loose drill bit; Laser misaligned	Secure workpiece firmly; Tighten chuck; Re-align laser guide
Excessive vibration or noise	Loose components; Damaged drill bit; Unbalanced workpiece	Check all fasteners; Replace damaged drill bit; Ensure workpiece is stable

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact customer support.

7. TECHNICAL SPECIFICATIONS

Specification	Value
Power Input	710 W
No-load Speed	500 - 2600 min ⁻¹
Drilling Stroke	0 - 80 mm
Chuck Capacity	1.5 - 13 mm
Max. Drilling Diameter (Wood)	40 mm
Max. Drilling Diameter (Steel)	13 mm
Material	Cast iron, Steel, Plastic

Specification	Value
Dimensions (without handle)	Approx. 33.1 x 29.8 x 67.3 cm
Base Dimensions	Approx. 33.1 x 29.8 x 5.3 cm
Column Dimensions	Approx. Ø 4.6 x 60 x 0.25 cm
Base Plate Dimensions	Approx. 32 x 30.5 cm
Power Cable Length	Approx. 2 m
Weight	Approx. 9.423 kg
Voltage	230 Volts (AC)
Amperage	3.1 A
Special Feature	Self-tightening chuck

8. WARRANTY AND SUPPORT

This product is manufactured with care and undergoes strict quality control. In the unlikely event of a defect, please refer to your purchase documentation for warranty details.

For technical assistance, spare parts, or warranty claims, please contact the retailer or manufacturer's customer service department. Keep your proof of purchase readily available.

- **Manufacturer:** PARKSIDE®
- **Model Number:** PTBMOD 710
- **Date of Purchase:** (Refer to your receipt)

Please note that information regarding the availability of spare parts is not provided in the product data. Contact customer support for further inquiries.

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Question

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Model number, symptoms, what you tried, or the section of the manual you are using.

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