



Manuals.plus /

- › TEENO /
- › TEENO 1/2 Inch 710W Rotary Hammer Drill Model 7133A User Manual

TEENO 7133A

TEENO 1/2 Inch 710W Rotary Hammer Drill Model 7133A User Manual

Model: 7133A | Brand: TEENO

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the TEENO Rotary Hammer Drill Model 7133A. This powerful and versatile tool is designed for efficient drilling in various materials, including concrete, metal, and wood. This manual provides essential information for safe operation, proper setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool. Please read this manual thoroughly before first use and keep it for future reference.



Figure 1.1: The TEENO Rotary Hammer Drill 7133A with its comprehensive accessory kit, including various drill bits and a plastic storage case.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using power tools.

2.1 General Power Tool Safety Warnings

- **Work Area Safety:** Keep your 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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Maintenance:** Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.

3. PRODUCT COMPONENTS AND DIAGRAM

Familiarize yourself with the parts of your TEENO Rotary Hammer Drill 7133A for safe and effective operation.



Figure 3.1: Labeled diagram of the TEENO Rotary Hammer Drill, highlighting key components such as the chuck, depth gauge, auxiliary handle, speed switch, lock button, and forward/reverse control.

3.1 Key Components:

- **Chuck (1/2 inch / 13mm):** Holds the drill bits securely.
- **Depth Gauge:** Used to set the desired drilling depth.
- **Auxiliary Handle:** Provides additional grip and control, adjustable 360 degrees.
- **Speed Switch:** Controls the variable speed of the drill.
- **Lock Button:** For continuous operation without holding the trigger.
- **Forward/Reverse Control:** Changes the rotation direction of the drill.
- **Mode Selector:** Switches between drilling and hammer drilling functions.

4. SETUP

4.1 Attaching the Auxiliary Handle

The auxiliary handle can be rotated 360 degrees to provide optimal grip and control for various drilling positions. Loosen the

handle, adjust to the desired position, and tighten securely.

4.2 Installing Drill Bits

Proper drill bit installation is crucial for safety and performance.

1. Loosen the chuck by turning it counter-clockwise until the jaws are wide enough to accept the drill bit.
2. Insert the drill bit into the chuck, ensuring it is seated as deeply as possible without touching the back of the chuck.
3. Tighten the chuck by hand, then use the chuck key to firmly secure the drill bit. Ensure all three chuck key holes are used for even tightening.



Figure 4.1: Step-by-step visual guide demonstrating how to loosen the chuck, insert the drill bit, and securely tighten it using the chuck key.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off and Speed Control

- To start the drill, press the speed switch (trigger). The speed is variable and depends on the pressure applied to the switch.
- To stop the drill, release the speed switch.
- For continuous operation, press the speed switch and then engage the lock button. To disengage, press the speed switch again.

5.2 Forward/Reverse Function

The forward/reverse control allows you to change the rotation direction of the drill. This is useful for driving screws or extracting a stuck drill bit. Ensure the drill is stopped before changing direction.

5.3 Selecting Drilling Mode

The TEENO 7133A offers two operating modes: standard drilling and hammer drilling.

- **Drill Mode:** For drilling in wood, metal, plastics, and other materials that do not require impact.
- **Hammer Drill Mode:** For drilling in masonry, concrete, and other hard materials where an impact action is beneficial.

Use the mode selector switch, typically located on the top or side of the drill, to choose the appropriate mode. Ensure the drill is off before changing modes.



Figure 5.1: The drill features two function modes, allowing selection between standard rotation for materials like wood and metal, and hammer action for concrete and masonry.

5.4 Drilling Tips for Various Materials

The TEENO 7133A is suitable for drilling in PVC, stainless steel, and wood, among other materials.



PVC



ACERO INOXIDABLE



MADERA



Figure 5.2: The drill is capable of drilling into various materials including PVC, stainless steel, and wood, demonstrating its versatility.

- **Wood:** Use woodworking drill bits. Start with a slow speed and increase as needed.
- **Metal:** Use helical drill bits. Apply steady pressure and use cutting oil to prevent overheating.
- **Concrete/Masonry:** Use cement drill bits and select the hammer drill mode. Apply firm, steady pressure.



Figure 5.3: The drill features a robust 1/2 inch (13mm) key chuck, ensuring secure gripping of various drill bit sizes for diverse applications.



Figure 5.4: The drill operates at a maximum speed of 3000 RPM, providing efficient and fast drilling performance for various tasks.

5.5 Recommended Work Cycle

To ensure the longevity and optimal performance of your drill, adhere to the following work cycle: 30 minutes of continuous operation followed by 15 minutes of rest. The maximum recommended daily usage is 3 hours.

6. MAINTENANCE

Regular maintenance ensures the drill remains in good working condition.

- **Cleaning:** After each use, clean the drill with a dry cloth. Remove any dust or debris from the ventilation slots to prevent overheating. Do not use water or chemical cleaners.
- **Storage:** Store the drill and its accessories in the provided plastic case in a dry, secure location, away from direct sunlight and extreme temperatures.
- **Cord Inspection:** Periodically inspect the power cord for any signs of damage. If the cord is damaged, have it replaced by a qualified technician.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Drill does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet and connection; Inspect power cord for damage; Contact service center if switch is faulty.
Loss of power during operation	Overload; Insufficient power supply	Reduce pressure on the drill; Ensure stable power supply. Adhere to recommended work cycle.
Excessive vibration or noise	Loose drill bit; Damaged internal components	Ensure drill bit is securely tightened; Discontinue use and contact service center.
Drill bit gets stuck	Incorrect drilling technique; Material too hard	Use reverse function to extract; Ensure correct drill bit and mode for material.

8. SPECIFICATIONS

Detailed technical specifications for the TEENO Rotary Hammer Drill Model 7133A.

Specification	Value
Model Number	7133A
Power	710 W
Voltage	110 V
Frequency	60 Hz
Current Consumption	4.7 A
No-Load Speed	0 - 3,000 RPM
Impacts Per Minute (IPM)	0 - 50,000 GPM
Chuck Size	1/2 inch (13 mm)
Insulation Class	Class II
IP Rating	IP20
Weight	1.8 kg
Motor Material	Copper
Max Drilling Capacity (Metal/Steel)	10 mm
Max Drilling Capacity (Concrete)	13 mm
Max Drilling Capacity (Wood)	25 mm
Power Source	Corded Electric
Special Features	Variable Speed

8.1 Included Accessories:

- 1 x TEENO Rotary Hammer Drill 7133A
- 1 x Plastic Storage Case
- 1 x Electrical Tape
- 1 x Set of Hex Sockets (4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm)
- 1 x Screw Box
- 1 x Set of Helical Drills (5mm, 6mm, 8mm)
- 1 x Set of Woodworking Drills (5mm, 6mm, 8mm)
- 1 x Set of Cement Drills (5mm, 6mm, 8mm)
- 6 x 50mm Bits

9. WARRANTY AND SUPPORT

Your TEENO Rotary Hammer Drill Model 7133A comes with a one-year warranty from the date of purchase. This warranty covers manufacturing defects and material faults under normal use.

If you experience any quality issues with your product after purchase, please contact our dedicated after-sales support team. They will assist you with troubleshooting, repairs, or replacements as per the warranty terms. For support, please refer to the contact information provided with your purchase documentation or visit the official TEENO website.