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› GOXAWEE Mini Rotary Tool Kit User Manual

GOXAWEE G5279

GOXAWEE Mini Rotary Tool Kit User Manual

Model: G5279

1. INTRODUCTION AND OVERVIEW

The GOXAWEE Mini Rotary Tool Kit is a versatile power tool designed for various crafting and DIY projects. Its compact and lightweight design makes it easy to handle, similar to using a pencil. This tool is ideal for tasks such as grinding, cutting, sanding, carving, polishing, and drilling on materials like wood, glass, metals, and plastics.

The kit includes the mini rotary tool, an accessories box, a user manual, a power cable, and 105 pieces of high-performance accessories to support a wide range of applications.



Figure 1: GOXAWEE Mini Rotary Tool Kit with included accessories.

2. PRODUCT FEATURES

- **Portable and Lightweight:** Weighing only 0.4 pounds, the tool features a sleek ergonomic design for comfortable handling.
- **Variable Speed Control:** Stepless speed change from 0-18000rpm allows for precise control suitable for various tasks, from polishing delicate items at 5000rpm to cutting plastic pipes at 15000rpm.
- **Versatile 105-Piece Accessory Set:** Comprehensive set for grinding, cutting, sanding, carving, polishing, drilling, and more, compatible with wood, glass, metals, and plastics.
- **Compact Storage:** The tool and all accessories are organized in a portable box for easy storage and transport.



Chuck
(Range 2.35mm-3.2mm)



Speed Indicator
(0-18000rpm)



Power Cord Interface
(Rated Voltage: 24V)



Spindle Locking Button
(Don't press it when the device is running)

 Overload protection will protect the motor from damage.

Heat Dissipation Holes
(Dissipate the heat produced by motor operation)

 High-precision chuck

 Multi-speed speed regulation

 Low noise motor

 Fast heat dissipation

Figure 2: Key features of the rotary tool, including the chuck, speed indicator, and spindle locking button.

COMPACT & PORTABLE

Light and small



Power Cord Adapter

Rated Voltage: 24V, Rated Power Input: 24W



Figure 3: The compact and portable design of the GOXAWEE Mini Rotary Tool.

3. SETUP

1. **Unpacking:** Carefully remove all components from the packaging, including the mini rotary tool, accessories box, user manual, and power cable.
2. **Accessory Selection:** Identify the appropriate accessory for your task from the 105-piece set. The kit includes various bits for grinding, cutting, sanding, carving, polishing, and drilling.
3. **Attaching Accessories:** To attach or change an accessory, locate the spindle locking button on the tool. Press and hold this button to lock the spindle. While holding the button, twist the chuck (the textured metal part at the front) to loosen it. Insert the desired accessory's shaft into the chuck. Tighten the chuck by twisting it in the opposite direction while still holding the spindle locking button. Release the button once the accessory is securely fastened. Ensure the accessory is firmly seated before operation.
4. **Power Connection:** Connect the power cable to the tool's power cord interface and plug the adapter into a suitable electrical outlet (24V, 24W).

105 PCS ACCESSORIES



x1

Rotary Tool



x1

Accessory Box



x1

Power Adapter

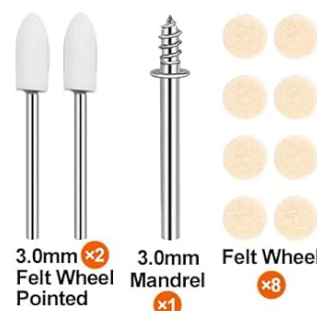


Mandrel x1
Sanding Drum

Sanding Drum x10

Sanding Paper Disc 20*0.4mm x40

Sanding/Cleaning



3.0mm x2
Felt Wheel
Pointed

3.0mm
Mandrel x1

Felt Wheel x8

Polishing/Cleaning



Mandrel x2
3.0mm

Mini HSS Cutting Disc 25*0.4mm x2

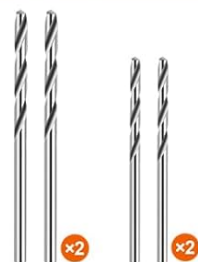
Resin Cutting Disc 20*0.8mm x20

Cutting



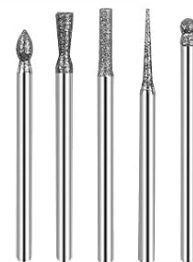
Abrasive Stone 3.0 mm x8

Grinding / Sharpening



2.35mm x2
3.0mm x2
HSS Twist Drill

Drilling



3.0mm x5
Diamond Burr Bits

Carving



3.2mm x1
2.35mm x1

Collet

Figure 4: Overview of the 105-piece accessory set.

4. OPERATING INSTRUCTIONS

- Power On/Off:** Use the ON/OFF switch to turn the tool on or off.
- Adjusting Speed:** The tool features a stepless speed change design. Slide the speed control switch to adjust the rotational speed from 0 to 18000 RPM. Start with a lower speed for delicate tasks like polishing (e.g., 5000rpm) and gradually increase for more demanding applications like cutting or drilling (e.g., 15000rpm).
- Operation:** Hold the tool firmly with two hands for better control and stability, especially during tasks that require significant force or precision. Apply gentle pressure to the workpiece. Avoid pressing down too hard, as this can cause the motor to stop or damage the tool/accessory.
- Safety Precautions:** Always wear appropriate personal protective equipment (PPE) such as safety goggles and a dust mask, especially when cutting, grinding, or sanding, as these operations can generate flying debris and dust. Ensure your workspace is well-ventilated.



Figure 5: Using the tool for carving intricate details.

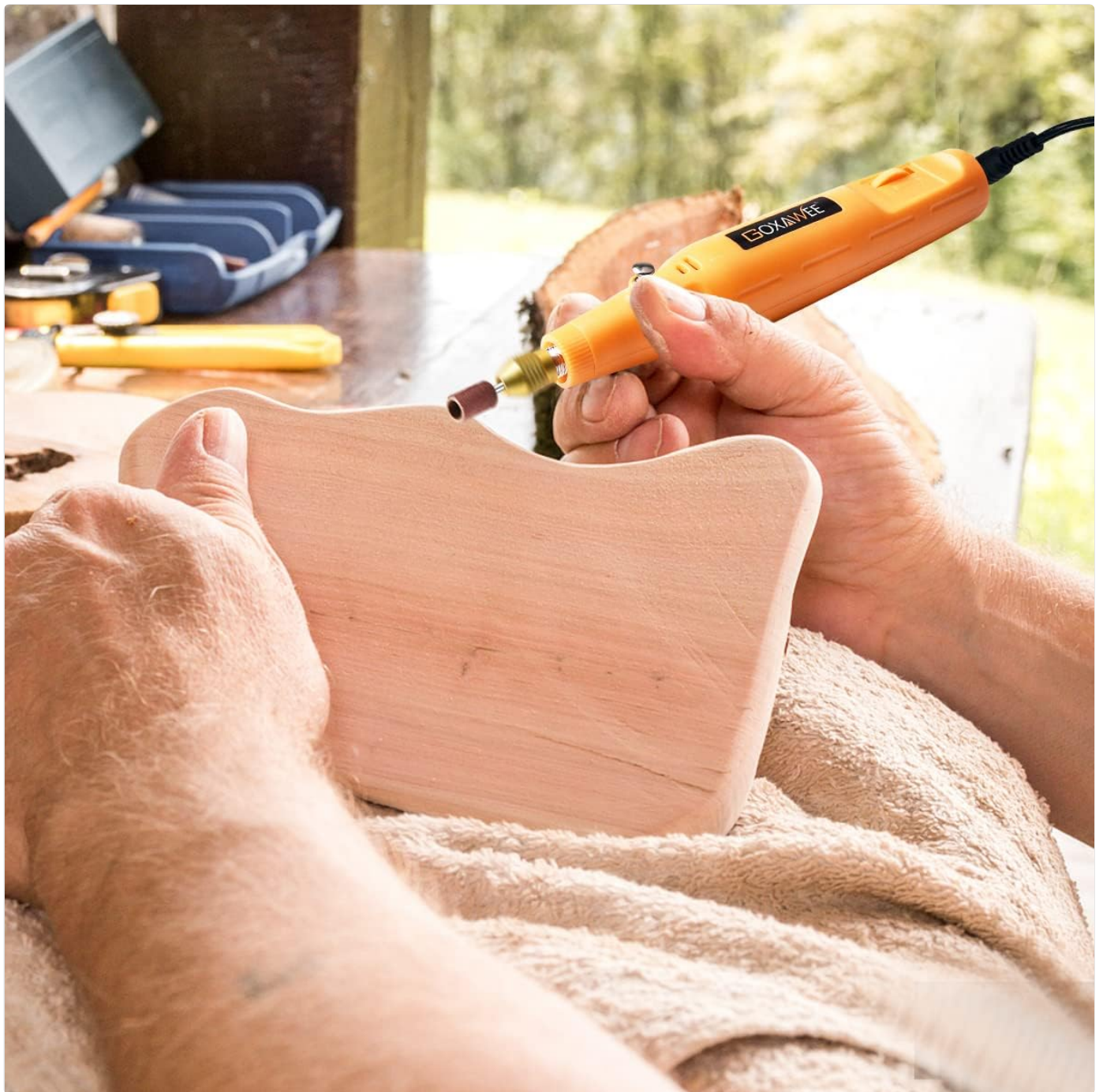


Figure 6: The tool being used for sanding a wooden object.

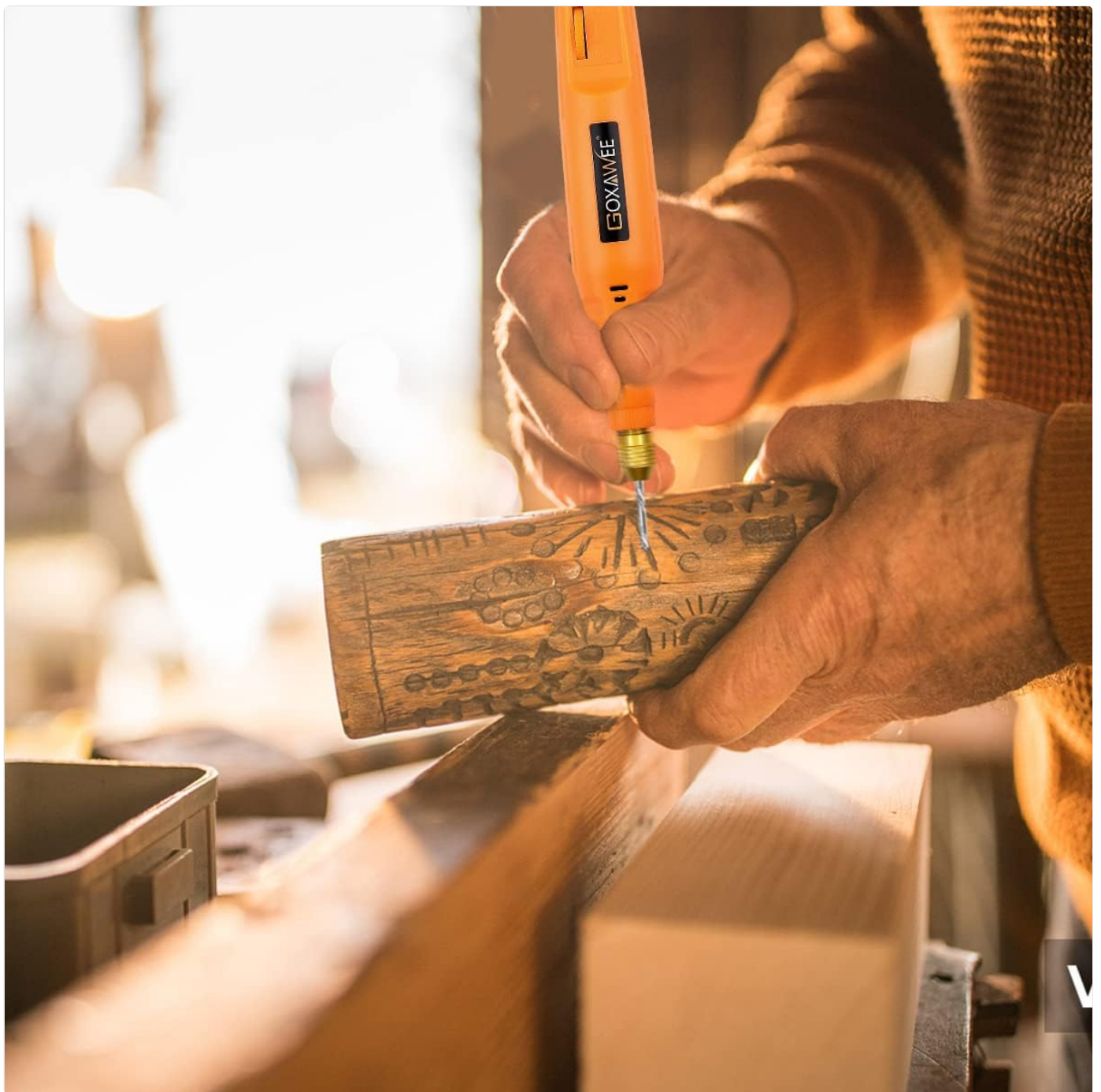


Figure 7: Engraving with the rotary tool.



Figure 8: Examples of carving, cutting, sanding, and polishing applications.

5. MAINTENANCE

- **Cleaning:** After each use, disconnect the tool from power and clean any dust or debris from the tool body, especially around the heat dissipation holes and chuck area. Use a soft, dry cloth.
- **Accessory Care:** Clean accessories after use. Store them in the provided accessories box to prevent damage and loss.
- **Storage:** Store the tool and accessories in a dry, clean place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the power cord for any signs of damage. Do not use the tool if the cord is damaged.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not turn on.	No power supply; power switch is off; damaged power cord.	Check power outlet; ensure switch is ON; inspect power cord for damage.
Tool stops during operation.	Excessive pressure applied; accessory jammed; motor overload protection activated.	Reduce pressure; clear any obstructions; allow tool to cool down.
Accessory is loose or wobbles.	Chuck not tightened properly; incorrect accessory size for chuck.	Ensure spindle lock is engaged and chuck is fully tightened; use correct size collet/chuck for accessory shaft.

7. SPECIFICATIONS

Brand: GOXAWEE

Model: G5279

Power Source: Corded Electric

Voltage: 24 Volts

Wattage: 24 Watts

Maximum Rotational Speed: 18000 RPM

Minimum Speed: 5000 RPM

Item Weight: 6.4 Ounces

Product Dimensions: 0.9 x 0.9 x 6.64 inches

Material: Plastic, Metal

Included Components: 1 Mini Rotary Tool, 1 Accessories Box, 1 User Manual, 1 Cable, 105Pcs Accessories (2 Felt Wheel Pointed, 4 HSS Twist Drill, 4 Mandrel, 2 Collet, 2 Mini HSS Cutting Disc, 5 Diamond Burr Bit, 8 Felt Wheel, 8 Abrasive Stone, 10 Sanding Drum, 20 Resin Cutting Disc, 40 Sanding Paper Disc)

8. WARRANTY AND SUPPORT

The GOXAWEE Mini Rotary Tool Kit comes with a two-year warranty. If you are not satisfied with your purchase, a 30-day refund return policy is available.

For further assistance or inquiries, please refer to the contact information provided in your product packaging or visit the official GOXAWEE website.

