

Hyper Tough AQ25000S

Hyper Tough AQ25000S 1.5-Amp, 106-Piece Rotary Tool Kit User Manual

Model: AQ25000S | Brand: Hyper Tough

1. INTRODUCTION

Thank you for choosing the Hyper Tough AQ25000S 1.5-Amp, 106-Piece Rotary Tool Kit. This versatile tool is designed for a wide range of precision tasks including cutting, grinding, polishing, sharpening, and drilling. This manual provides essential information for safe operation, proper maintenance, and effective use of your rotary tool.

Please read this manual thoroughly before operating the tool and keep it for future reference.

2. SAFETY INFORMATION

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

- **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 abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection. Use a dust mask if operating in dusty conditions. Dress properly; avoid loose clothing or jewelry that can get caught in 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 and accessories. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation.

3. PACKAGE CONTENTS

Your Hyper Tough AQ25000S Rotary Tool Kit includes the following items:

- Hyper Tough 1.5-Amp Rotary Tool

- 105-Piece Accessory Kit (various grinding stones, sanding bands, polishing wheels, cutting discs, wire brushes, collets, wrench, etc.)
- Blow Mold Storage Case
- User Manual (this document)





Figure 4.1: Illustration of attaching an accessory bit to the rotary tool. Ensure the tool is unplugged before changing bits.

4.2 Power Connection

The Hyper Tough AQ25000S is an AC-powered tool. Connect the power cord to a standard 120V AC electrical outlet. Ensure the power switch on the tool is in the "OFF" position before plugging it in.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To turn the tool ON, slide the power switch to the "ON" position. To turn it OFF, slide the switch back to the "OFF" position.

5.2 Adjusting Variable Speed

The tool features a variable speed control, allowing you to adjust the RPM (Revolutions Per Minute) from 8,000 to 35,000 RPM. Use the speed adjustment dial or slider (depending on model variation) to select the appropriate speed for your task and material. Lower speeds are generally used for polishing, while higher speeds are for cutting and grinding.



Figure 5.1: The Hyper Tough 1.5-Amp Rotary Tool, illustrating its compact design and key features like the power switch and speed control.

5.3 General Usage Tips

- Always test on a scrap piece of material before working on your main project.
- Apply light pressure. Let the tool and accessory do the work. Excessive pressure can cause the tool to overheat or damage the accessory.
- Keep the tool moving. Do not hold the accessory in one spot for too long, as this can burn or damage the material.
- For optimal performance and safety, ensure the correct accessory is used for the specific task and material.

6. MAINTENANCE

6.1 Cleaning

After each use, unplug the tool and wipe down the exterior with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Periodically clean the ventilation openings to prevent overheating.

6.2 Accessory Care

Inspect accessories before each use for wear or damage. Replace worn or damaged bits immediately. Store accessories in their designated compartments within the blow mold case to keep them organized and protected.

6.3 Storage

Store the rotary tool and its accessories in the provided blow mold case in a dry, secure location, out of reach of children.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not turn on.	No power supply; power switch off; internal fault.	Check power outlet and cord. Ensure switch is ON. If problem persists, contact customer support.
Accessory wobbles or vibrates excessively.	Accessory not properly seated; bent or damaged accessory; incorrect collet size.	Ensure accessory shank is fully inserted and collet nut is tightened. Replace bent/damaged accessories. Use correct collet.

Problem	Possible Cause	Solution
Tool overheats during use.	Excessive pressure; blocked ventilation slots; prolonged continuous use.	Reduce pressure. Clean ventilation slots. Allow tool to cool down.
Accessory not cutting/grinding effectively.	Worn out accessory; incorrect speed setting; wrong accessory for material.	Replace accessory. Adjust speed. Select appropriate accessory for the task.

8. SPECIFICATIONS

- **Model:** AQ25000S
- **Power Source:** AC
- **Amperage:** 1.5 Amp
- **Variable Speed:** 8,000 - 35,000 RPM
- **Collet Sizes:** 3
- **Cord Length:** 6-Ft (1.8 m)
- **Item Weight:** 2.8 Pounds
- **Product Dimensions (L x W x H):** 9.25 x 2 x 2.75 inches
- **Manufacturer:** Hyper Tough

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This Hyper Tough product comes with a **2-Year Warranty**. This warranty covers defects in material and workmanship under normal use. Please refer to the warranty card included with your product for full terms and conditions.

9.2 Customer Support

For technical assistance, replacement parts, or warranty claims, please contact Hyper Tough customer support. Keep your purchase receipt and product model number (AQ25000S) ready when contacting support.

Contact information (e.g., phone number, website) typically found on product packaging or warranty card.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

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

Submit question