

Prostormer MS002D

Prostormer 10-Inch Double Bevel Sliding Compound Miter Saw (Model MS002D) User Manual

For safe and effective operation

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your Prostormer 10-Inch Double Bevel Sliding Compound Miter Saw, Model MS002D. Please read and understand all instructions before using the tool. Keep this manual for future reference.

2. GENERAL SAFETY INSTRUCTIONS

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

- **Work Area 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.
- **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.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask. Dress properly; avoid 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.
- **Specific Miter Saw Safety:** Ensure the blade guard is always in place and functioning correctly. Never reach into the blade area when the saw is connected to power. Secure the workpiece firmly with the clamp before cutting.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Prostormer 10-Inch Double Bevel Sliding Compound Miter Saw
- 1 x 100T TCT Blade (pre-installed)
- 2 x Side Support Bars
- 1 x Allen Key
- 1 x Workpiece Clamp

- 1 x Dust Bag
- 1 x User Manual (this document)

4. PRODUCT COMPONENTS

Familiarize yourself with the parts of your miter saw:

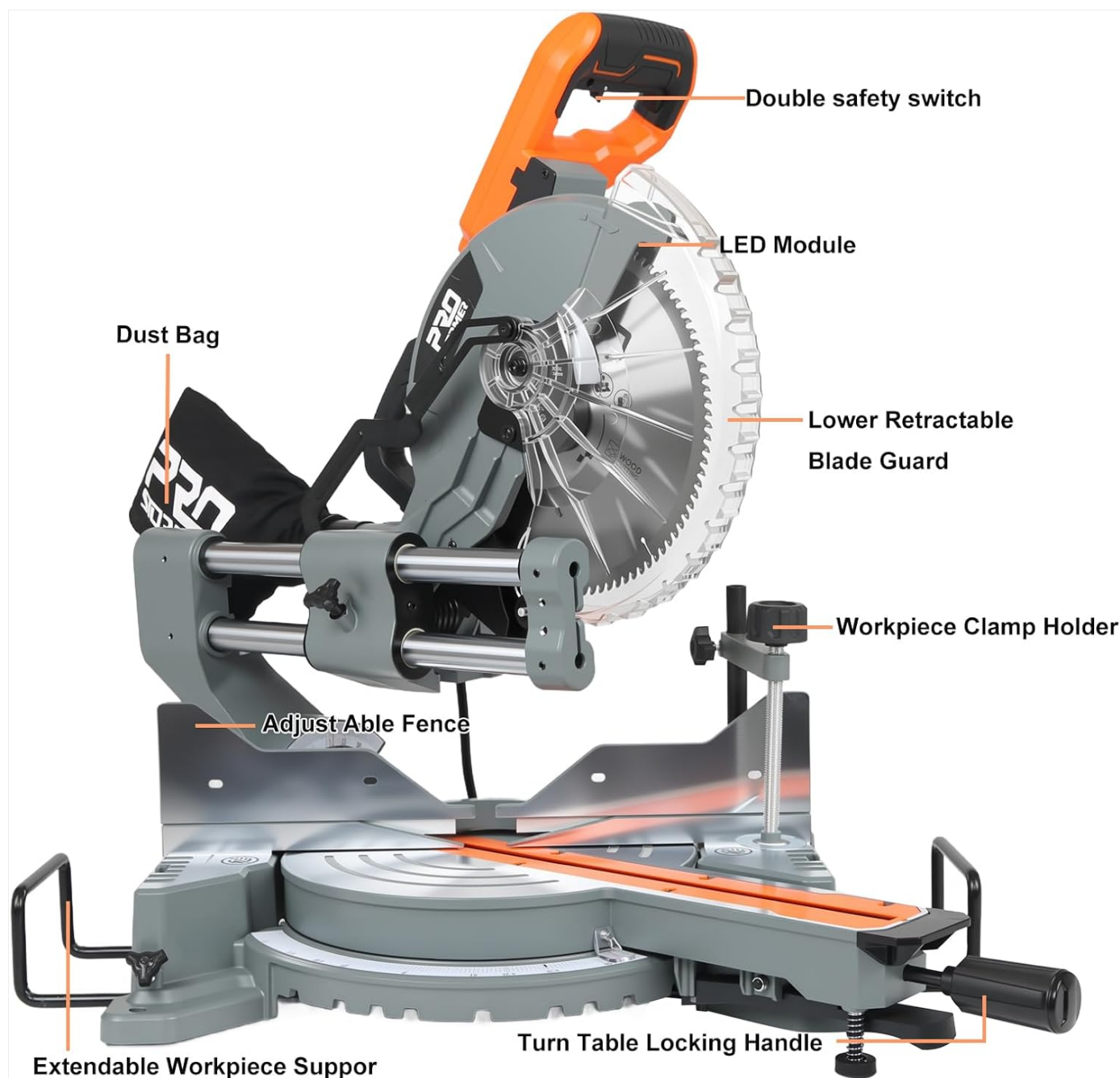


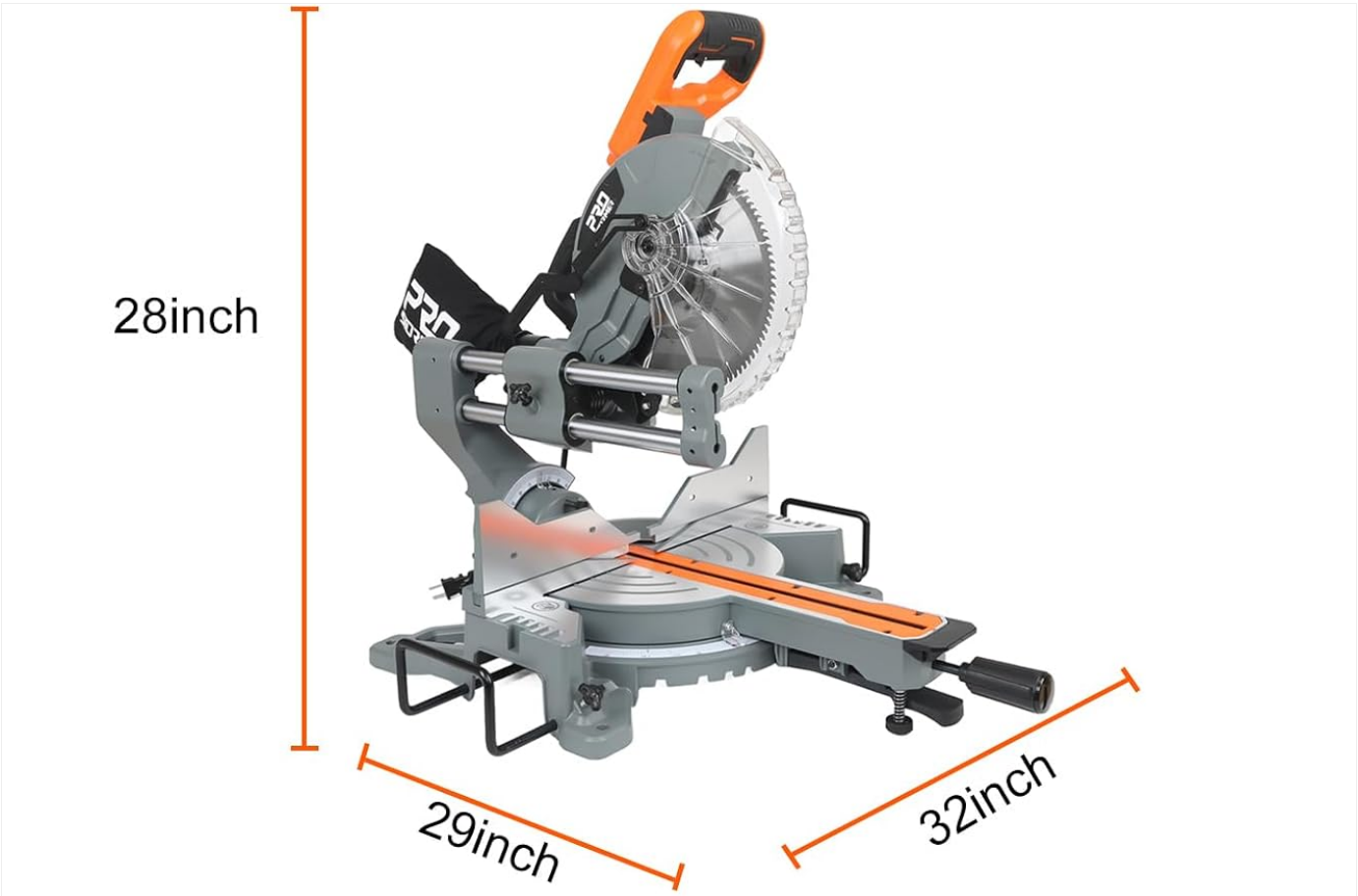
Image 1: Overview of the Prostormer 10-Inch Miter Saw with key components labeled, including the Double Safety Switch, LED Module, Lower Retractable Blade Guard, Workpiece Clamp Holder, Adjustable Fence, Extendable Workpiece Support, Dust Bag, and Turntable Locking Handle.

- **Double Safety Switch:** Ensures accidental startup is prevented.
- **LED Module:** Illuminates the cutting line for improved accuracy.
- **Lower Retractable Blade Guard:** Automatically covers the blade when not in use, retracting during a cut.
- **Workpiece Clamp Holder:** Secures material to prevent movement during cutting.
- **Adjustable Fence:** Provides support for the workpiece and guides the cut.
- **Extendable Workpiece Support:** Offers additional support for longer materials.
- **Dust Bag:** Collects sawdust and debris for a cleaner workspace.

- **Turntable Locking Handle:** Secures the miter table at desired angles.

5. SPECIFICATIONS

Technical details of the Prostormer 10-Inch Double Bevel Sliding Compound Miter Saw:



Voltage	120V~,60Hz
Current	15A
No-load Speed	5000/min
Sawblade	10inch(255mm)
Alignment	LED
Weight	47 lb
Shipping Dimensions	27.8*24.2*21.3 inch

Image 2: Visual representation of the miter saw's dimensions and a table summarizing its key electrical and operational specifications.

Specification	Value
Model Number	MS002D

Power Source	Corded Electric
Voltage	120V~, 60Hz
Current	15 Amp
No-load Speed	5000 RPM
Blade Diameter	10 Inches (255mm)
Number of Teeth	100T (TCT blade)
Miter Angles	0°-45° Left/Right
Bevel Angles	0°-45° Left/Right (Double Bevel)
Product Dimensions (L x W x H)	30.3" x 20.9" x 27.6"
Item Weight	40 Pounds
Material	Steel, Aluminum, Plastic
Special Feature	Double Bevel, LED Alignment, Axial Sliding

6. SETUP

6.1 Unpacking and Inspection

- Carefully remove all components from the packaging.
- Inspect the saw for any damage that may have occurred during shipping. Do not operate if damaged.
- Ensure all listed package contents are present.

6.2 Mounting the Miter Saw

- For stability and safety, permanently mount the miter saw to a workbench or a miter saw stand using appropriate bolts and nuts (not included).
- Ensure the mounting surface is level and capable of supporting the saw's weight and cutting forces.

6.3 Attaching Accessories

- Dust Bag:** Slide the dust bag onto the dust port located at the rear of the blade guard assembly. Ensure it is securely attached to collect debris.
- Side Support Bars:** Insert the two side support bars into the designated slots on either side of the saw base. Tighten the locking knobs to secure them. These provide additional support for longer workpieces.
- Workpiece Clamp:** Insert the workpiece clamp into the hole on the saw base. Adjust its position and tighten it to firmly hold the material during cuts.

7. OPERATING INSTRUCTIONS

7.1 Powering On/Off

- To start the saw, depress the double safety switch and then squeeze the trigger switch.
- To stop the saw, release the trigger switch. The blade will coast to a stop. Always wait for the blade to stop completely before moving the workpiece or making adjustments.

7.2 Adjusting Miter Angles

The miter saw allows for angle adjustments from 0° to 45° left or right.

ACCURATE ANGLE ADJUSTMENTS

Features a locking handle for precise angle adjustments, allowing users to find their ideal cutting position



Image 3: Demonstrates the precise angle adjustment capabilities of the miter saw, highlighting the locking handle for securing desired cutting positions.

1. Loosen the turntable locking handle.
2. Rotate the miter table to the desired angle, indicated on the miter scale.
3. Tighten the turntable locking handle firmly to secure the angle before cutting.

7.3 Adjusting Bevel Angles (Double Bevel)

This saw features a double bevel function, allowing cuts from 0° to 45° on both the left and right sides.

DUAL-BEVEL FUNCTION

Dual-Bevel Cutting Capability From 45° Left To 45° Right



Image 4: Illustrates the dual-bevel cutting capability, showing the saw head tilting 45 degrees to both the left and right for versatile angled cuts.

1. Locate the bevel lock lever/knob (refer to Image 1 for general location).
2. Loosen the bevel lock.
3. Tilt the saw head to the desired left or right bevel angle, as indicated on the bevel scale.
4. Securely tighten the bevel lock before making a cut.

7.4 Using the Axial Sliding System

The axial sliding system allows for wider crosscuts and easy alignment.

AXIAL SLIDING SYSTEM

The miter saw glides effortlessly on its slide, enabling wider crosscuts and precise alignment



Image 5: Depicts the axial sliding mechanism, allowing the saw head to move forward and backward for extended cutting capacity, indicated by a 13-inch slide.

- For wider materials, pull the saw head forward along the sliding rails before starting the cut.
- Engage the motor and slowly push the saw head through the workpiece.
- Ensure the sliding mechanism is clean and free of debris for smooth operation.

7.5 Cutting Operation



Image 6: Shows the miter saw actively cutting a wooden board, demonstrating proper workpiece placement and clamping during operation.

1. Place the workpiece firmly against the fence and on the saw table.
2. Use the workpiece clamp to secure the material.
3. Lower the blade slowly until it just touches the workpiece. The LED light will help align the cut.
4. Engage the double safety switch and trigger. Allow the blade to reach full speed before cutting.
5. Slowly and steadily lower the blade through the workpiece. Do not force the cut.
6. Once the cut is complete, release the trigger and allow the blade to stop completely before raising the saw head and removing the workpiece.

7.6 Material Compatibility

The included 100T TCT blade is suitable for cutting various materials.

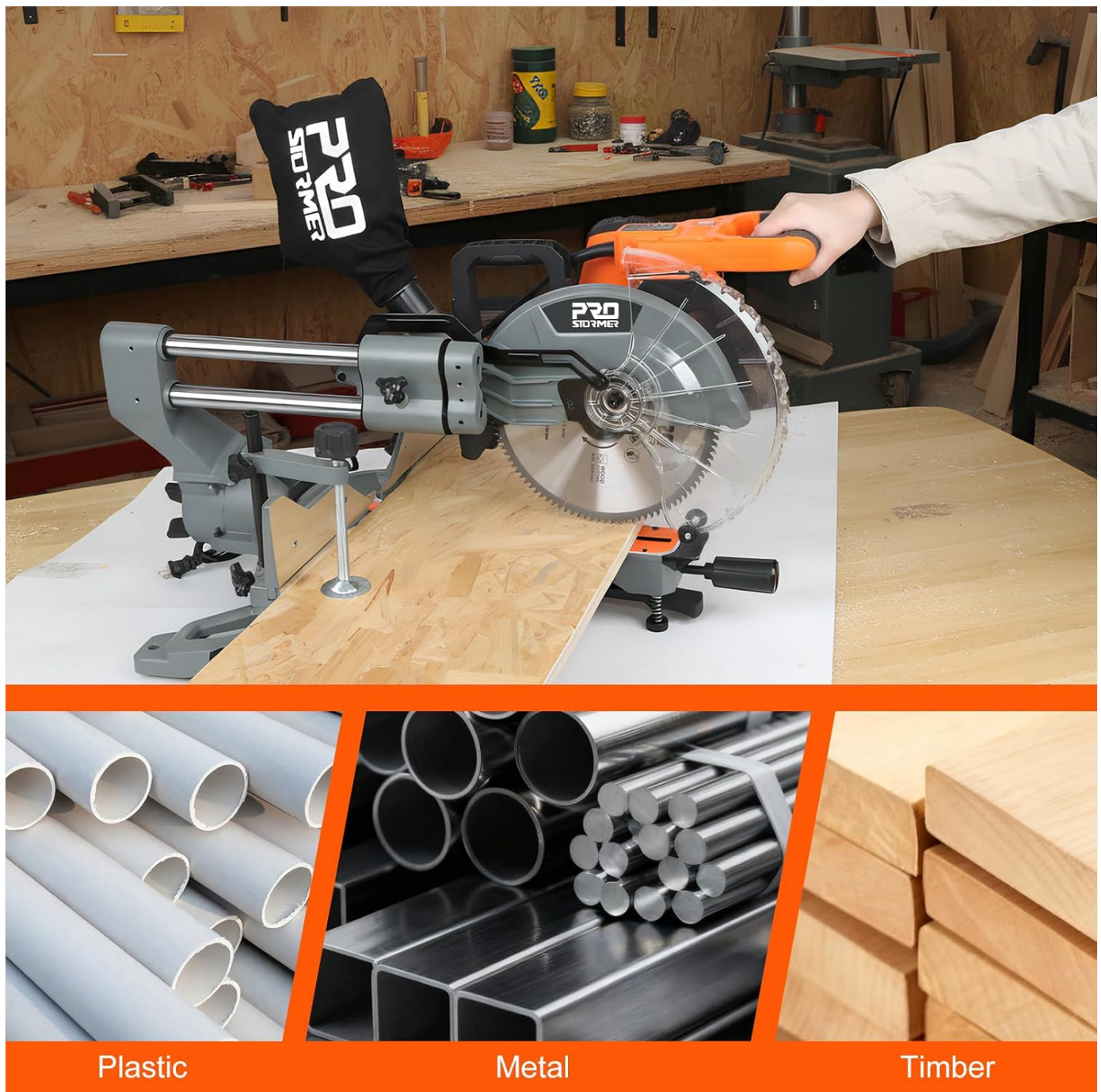


Image 7: Illustrates the versatility of the miter saw, capable of cutting plastic, soft metals (like aluminum), and timber with the appropriate blade.

- **Wood:** All types of wood and wood composites.
- **Plastic:** Various plastic materials.
- **Soft Metals:** Such as aluminum. Ensure to use appropriate cutting techniques and safety measures for metal.

8. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** After each use, disconnect the saw from power and clean off sawdust and debris. Empty the dust bag regularly. Use compressed air to clear dust from vents and moving parts.
- **Blade Inspection:** Regularly inspect the blade for sharpness, cracks, or missing teeth. Replace dull or damaged blades immediately.
- **Blade Replacement:** When replacing the blade, ensure the saw is unplugged. Use the provided Allen key to loosen the blade retaining bolt. Follow the instructions in the saw's manual for specific blade change procedures. Always use a 10-inch

blade with a 5/8-inch arbor hole.

- **Moving Parts:** Keep all moving parts, especially the sliding rails, clean and lightly lubricated if necessary.
- **Fasteners:** Periodically check all nuts, bolts, and screws for tightness. Tighten any loose fasteners.

9. TROUBLESHOOTING

Refer to this table for common issues and their solutions:

Problem	Possible Cause	Solution
Saw does not start	No power, safety switch not engaged, faulty switch	Check power connection, ensure double safety switch is pressed, inspect power cord and switch.
Blade not cutting smoothly or burning wood	Dull blade, incorrect blade for material, forcing the cut	Replace blade, ensure correct blade type, reduce feed rate.
Inaccurate cuts	Miter/bevel angle not locked, fence not square, loose blade	Ensure all locks are tightened, check fence alignment, inspect blade for wobble.
Excessive vibration	Loose blade, damaged blade, loose mounting bolts	Check blade for damage and tightness, ensure saw is securely mounted.
Dust bag not collecting effectively	Dust bag full, dust port clogged, dust bag not properly attached	Empty dust bag, clear dust port, reattach dust bag securely.

10. WARRANTY AND SUPPORT

Prostormer products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your purchase or contact Prostormer customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, please visit the official Prostormer website or contact their customer support channels.

ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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