

⚠ DANGER BLADES ARE EXTREMELY SHARP!

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until you have read and understand the instructions!



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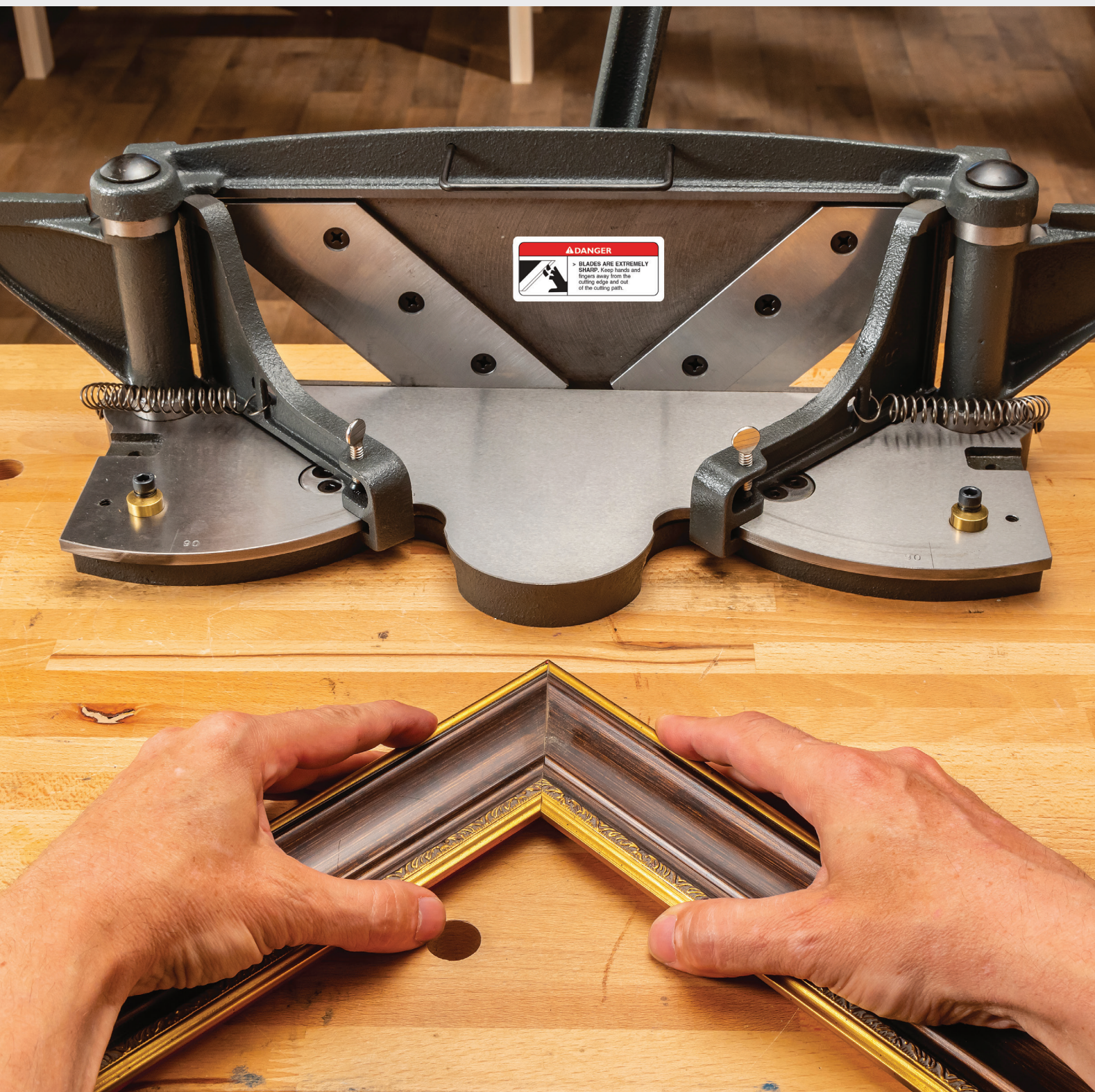
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Miter Trimmer Instructions

Effective July 2025

Review full instructions prior to use for important safety information.

Always check [Rockler.com](https://www.rockler.com) to confirm that you are using the most recent version of instructions for your product.



ROCKLER®

CREATE WITH CONFIDENCE

GENERAL SAFETY WARNINGS

This product is designed only for specific applications as defined in the instructions and should not be modified or used for any manner not described in these instructions. Use only recommended accessories. Before using the Miter Trimmer: **READ, UNDERSTAND and FOLLOW ALL INSTRUCTIONS AND SAFETY WARNINGS. KEEP THESE INSTRUCTIONS READILY AVAILABLE FOR FUTURE REFERENCE.**

- > Always confirm that you are using the most recent version of the instructions and safety warnings for your product (see the instructions link on the product page at Rockler.com).
- > Before using another tool with this product, always read, understand and follow the instructions and safety warnings in the owner's manual for that tool. If you do not have the owner's manual, obtain one from the tool's manufacturer before using it with this product.
- > Before using any chemical with this product, always read, understand and follow all safety warnings and guidelines in the manufacturer's Safety Data Sheet (SDS; formerly called "MSDS"), especially regarding:
 - How to safely use the chemical, including potential hazards and recommended first aid measures;
 - Personal safety equipment required to safely use the chemical (e.g. gloves, eye protection, mask/respirator, etc.);
 - Proper and safe handling, storage and disposal of the chemical.
- > Before using this product, review and verify that all tools to be used with it have safety equipment installed and are in proper working order as defined by the tool's owner's manual.
- > Do not use this product until you have read and are confident you understand:
 - Product Specific Safety Warnings (p. 3);
 - Unboxing (pp. 4 - 5);
 - Remove Protective Coating (p. 5);
 - Setup and 90° Calibration (pp. 5 - 7);
 - 45° Calibration (pp. 7 - 8);
 - Use (pp. 9);
 - Changing Blades (pp 9).
- > The user assumes all risk and responsibility for the proper and safe use of this product and for ensuring product suitability for the intended application.
- > It is the sole responsibility of the purchaser of this product to ensure that anyone you allow to use this product reads and complies with all instructions and safety precautions outlined in this manual prior to use.
- > Follow all standard shop safety practices, including:
 - Keep children and bystanders away from the tool operating area;
 - Do **NOT** use power tools in explosive environments, or in the presence of flammable liquids, fumes or dust;
 - **TURN OFF AND UNPLUG** all power tools **BEFORE** making any adjustments or changing accessories;
 - Remain alert and use good judgment. Do not use this product if you are in any way impaired by medications, alcohol, drugs or fatigue;
 - Keep your work area well lit and clean;
 - Dress appropriately. Secure loose clothing, remove all jewelry and tie up long hair before using this product;
 - **ALWAYS** wear safety glasses, hearing protection and respiratory protection that complies with NIOSH/OSHA/ANSI safety standards;
 - Use dust collection tools and dust face masks to reduce exposure to dust;
 - Use safety equipment such as featherboards, push sticks and push blocks, etc., when appropriate;
 - Maintain proper footing at all times and do not overreach;
 - Do **NOT** force woodworking tools.
- > These warnings and instructions do **NOT** represent the total of all information available regarding tool safety, use and technique. Always seek out opportunities to learn more and improve your skills and knowledge.

⚠ CA WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

⚠ DANGER

Danger indicates a hazardous situation that, if not avoided, will result in death or serious injury.

⚠ WARNING

Warning indicates a hazardous situation that, if not avoided, could result in death or serious injury.

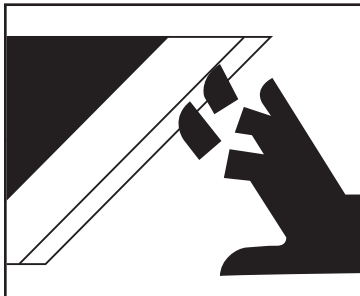
⚠ CAUTION

Caution indicates a hazardous situation that, if not avoided, may result in minor or moderate injury or property damage.

NOTICE

Notice indicates important or helpful information and/or user tips.

PRODUCT SPECIFIC SAFETY WARNINGS



⚠ DANGER

- > **BLADES ARE EXTREMELY SHARP.** Always keep hands and fingers away from the cutting edges and out of the cutting path.
- > Exercise extreme caution when unboxing your Miter Trimmer. Lift **ONLY** by the wire handle. **NEVER** lift by placing hands at the ends of the trimmer, near the blades.
- > Exercise extreme caution when changing blades. Do **NOT** touch the sharpened edges.

⚠ WARNING

- > Always make sure wood to be trimmed is free of nails, screws or anything else that could damage the blades.
- > Use **ONLY** with solid wood. Plastic or composite materials, including MDF, could damage blades. Do **NOT** use this tool for anything other than its intended purpose.
- > The Miter Trimmer is designed to remove thin slices (1/32" maximum) with each pass. Do **NOT** attempt to remove larger amounts of material in a single pass; make multiple passes.
- > The Miter Trimmer **MUST** be mounted to a stable, structurally sound table or workbench, or to a piece of plywood that can be securely clamped to a stable, structurally sound table or workbench. For safety and optimal performance, it must not be able to shift during use.
- > Do **NOT** lift more than you are able. The Miter Trimmer is heavy. Use proper lifting technique.
- > The Miter Trimmer is for use only by adults. Keep children and pets away.
- > When the Miter Trimmer is not in use, store or cover it so that no one can accidentally touch the cutting blades. Keep the corrugated cardboard insert to help protect the blades when not in use.



Fig. 1



Fig. 2



Fig. 3

Unboxing

1. Make sure that the box is on the floor or a stable, structurally sound surface so that it won't shift.
2. Remove the cast-iron arm from the packing foam and set it aside. Then remove the packing foam. **Fig. 1.**
3. Grip the wire handle at the middle of the Miter Trimmer and carefully lift it straight up and out of the box. **Fig. 2 and 3.** It might be helpful to have another adult hold the box down.

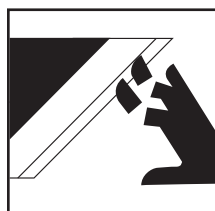
Remove Protective Coating

Exposed metal parts of your Miter Trimmer have been protected with an oil to inhibit rust. You will need to remove this coating with mineral spirits or paint thinner. It is important that you:

- > Follow all directions for use and safety warnings on the label of the product.
- > Ensure that the area in which you are working is well-ventilated.
- > Keep away from open flames.
- > Do **NOT** smoke while using the solvent to remove the rust inhibitor.

- > **Fire hazard:** Properly dispose of any rags used with solvents to remove the protective grease coating on the Miter Trimmer. Rags soaked with solvents can spontaneously combust if not disposed of properly. Follow recommendations on the solvent label.
- > Use extreme caution when cleaning the blades to avoid inadvertently cutting yourself.

Setup and 90° Calibration



⚠ DANGER

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1. Mount the Miter Trimmer to a structurally sound table or workbench or to a piece of plywood that can be securely clamped to a structurally sound table or workbench. (Use the two side holes.)
2. Install the arm onto the Miter Trimmer by slipping the dovetail-shaped end into the mating socket on the back of the trimmer.



Fig. 4



Fig. 5



Fig. 6

3. Carefully remove the corrugated cardboard insert that kept the blades from shifting during transport.
4. Push the arm to the left until the cutting edge of the left blade is completely hidden behind the body of the trimmer. **Fig. 4.**
5. Place a square in the corner formed by the left fence and the flat part of the blade to check whether the fence is set at 90°. **Fig. 5.**
6. If the fence is not set at 90°, use a 5mm hex key (not included) to loosen the socket-head cap screw holding the brass cam in position.
7. Loosen the thumbscrew at the end of the fence, if necessary, and adjust the fence until it's 90° to the blade. (Be aware that the spring attached to the fence will want to pull it outward.) Once the fence is square to the blade, tighten the thumbscrew so that the fence can't move.
8. Adjust the brass cam until it's tight against the fence. Use the 5mm hex key to lock it in position. Check the angle with your combination square. **Fig. 6.**
9. Verify your setup on a straight piece of scrap wood crosscut to 90°. Push the arm to the right to slide the blade clear of your piece; then slide the piece forward until it extends past the base by about 1/32". Hold the scrap piece securely against the fence and carefully press the arm of the Miter Trimmer to the left to remove a thin slice of wood from the end of your workpiece.

10. Use your combination square to check the angle of the cut you just made. If it's not square, make further adjustments to the brass cam until it is.
11. Calibrate the right fence to 90° using the same process.

45° Calibration

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1. Push the arm of the Miter Trimmer to the left until the cutting edge of the left blade is completely hidden behind the body of the trimmer.
2. Loosen the thumbscrew on the left fence of your Miter Trimmer and swing the fence toward the center of the base. Press down on the protruding spring pin to allow the fence to pass over it and then release the pin. The spring on the fence should pull it back until it contacts the pin. Tighten the thumbscrew once the fence is against the pin.
3. Place a combination square between the fence and the flat part of the blade to check whether the fence is set at 45°.



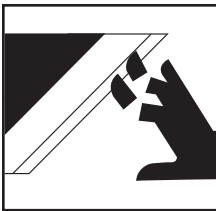
Fig. 7

4. If the fence is not set at 45°, loosen the thumbscrew on the fence, shift the fence farther toward the center of the trimmer, and tighten the thumbscrew to lock it in place.
5. Use a 4mm hex key (not included) to loosen both hex screws and rotate the disc with the spring pin slightly in the correct direction to adjust for the error. Then tighten the hex screws. **Fig. 7.**
6. Loosen the thumbscrew on the fence and allow the fence to swing back until it contacts the spring pin. Check the angle between the fence and the flat section of the blade with your combination square.
7. Verify your setup on a straight piece of scrap wood mitered to 45°. Push the arm to the right to slide the blade clear of your piece; then slide the piece forward until it extends past the base by about 1/32". Hold the scrap piece securely against the fence and carefully press the arm of the Miter Trimmer to the left to remove a thin slice of wood from the end of your workpiece.
8. Use your combination square to check the angle of the cut you just made. **Fig. 8.** If it's not 45°, make further adjustments to the disc with the spring pin until it is.
9. Calibrate the right fence to 45° using the same process.



Fig. 8

Use

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1. Set the fence to the correct angle of cut. If you're cutting workpieces at angles other than 90° or 45°, you will need to set the fence with a bevel gauge or angle ruler and lock it down by tightening the thumbscrew.
2. Make a test cut in a piece of scrap wood to confirm the angle is set accurately. Slide the piece forward until it extends past the base by about 1/32". Hold the scrap piece securely against the fence and carefully press the arm of the Miter Trimmer to the left to remove a thin slice of wood from the end of your workpiece. If the angle is not correct, make any necessary adjustments.
3. Make your final cuts to your workpiece, trimming no more than 1/32" at a time.

Changing Blades

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1. Move the arm of the Miter Trimmer all the way to the right to make the left cutting blade fully accessible.
2. Carefully remove the three Phillips-head screws used to mount the left cutting blade. Be especially careful as you unthread the last screw to make sure you will be able to catch the blade without touching the sharp edge.
3. Carefully position the new blade in place, making sure that the beveled edge faces the back and the countersunk holes face the front. Align the holes and reinstall the screws.
4. Move the arm of the Miter Trimmer all the way to the left to make the right cutting blade fully accessible.
5. Repeat Steps 2 and 3 to replace the right cutting blade.

Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com

