

## Einhell 4300295

# Einhell TH-MS2112 Mitre Saw User Manual

Model: 4300295 | Brand: Einhell

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Einhell TH-MS2112 Mitre Saw. Please read all instructions carefully before using the device to ensure proper handling and to prevent injury or damage.



The Einhell TH-MS2112 Mitre Saw, showcasing its compact design and key components including the saw blade, rotating table, and dust collection bag.

## GENERAL SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to ensure safe operation:

- **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. Power tools create sparks which may ignite the dust or fumes.
- **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. Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask. Secure loose clothing and tie back long hair. Do not overreach. Keep proper footing and balance at all times.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. It will do the job better and safer at the rate for which it was designed. Disconnect the plug from the power source and/or remove the battery pack from the power tool before making any adjustments, changing

accessories, or storing power tools.

- **Specific Warning:** Never use the device to work on any materials containing asbestos.

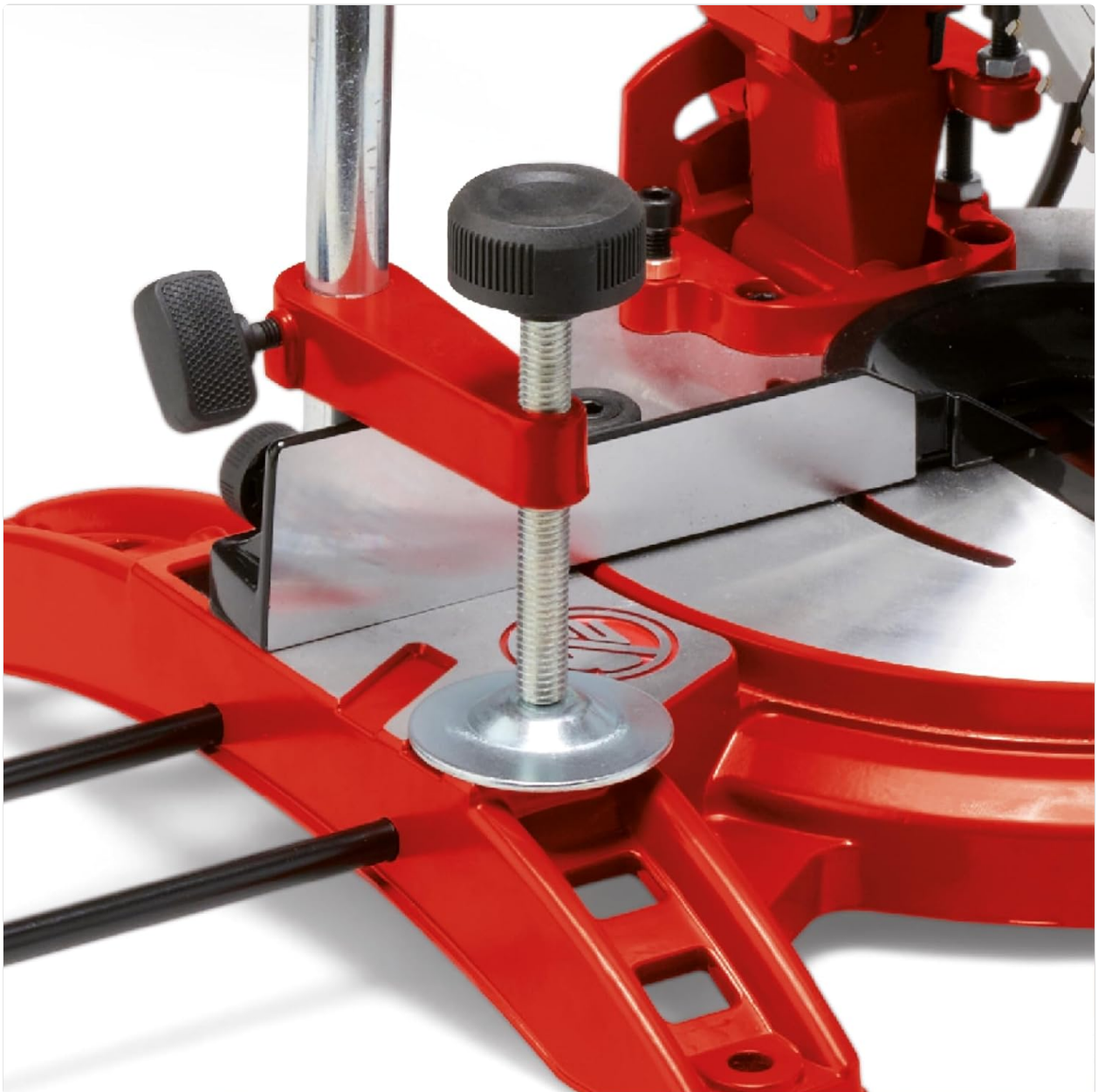
## SETUP

### Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. Retain the packaging for future storage or transport.

### Assembly

Attach the workpiece support and clamping device to the saw table as instructed in the assembly diagram (refer to included physical manual for detailed diagrams). Ensure they are securely fastened for stable operation.



The integrated clamping device and workpiece support ensure secure positioning of materials during cutting operations.

Connect the sawdust bag to the designated port on the saw. This will help keep your workspace clean during operation.



The included sawdust bag efficiently collects debris, helping to maintain a clean and safe working environment.

## OPERATING INSTRUCTIONS

### Basic Operation

Before starting, ensure the workpiece is firmly secured with the clamping device. Power on the saw and allow the blade to reach full speed before making contact with the material. Guide the saw smoothly through the workpiece.

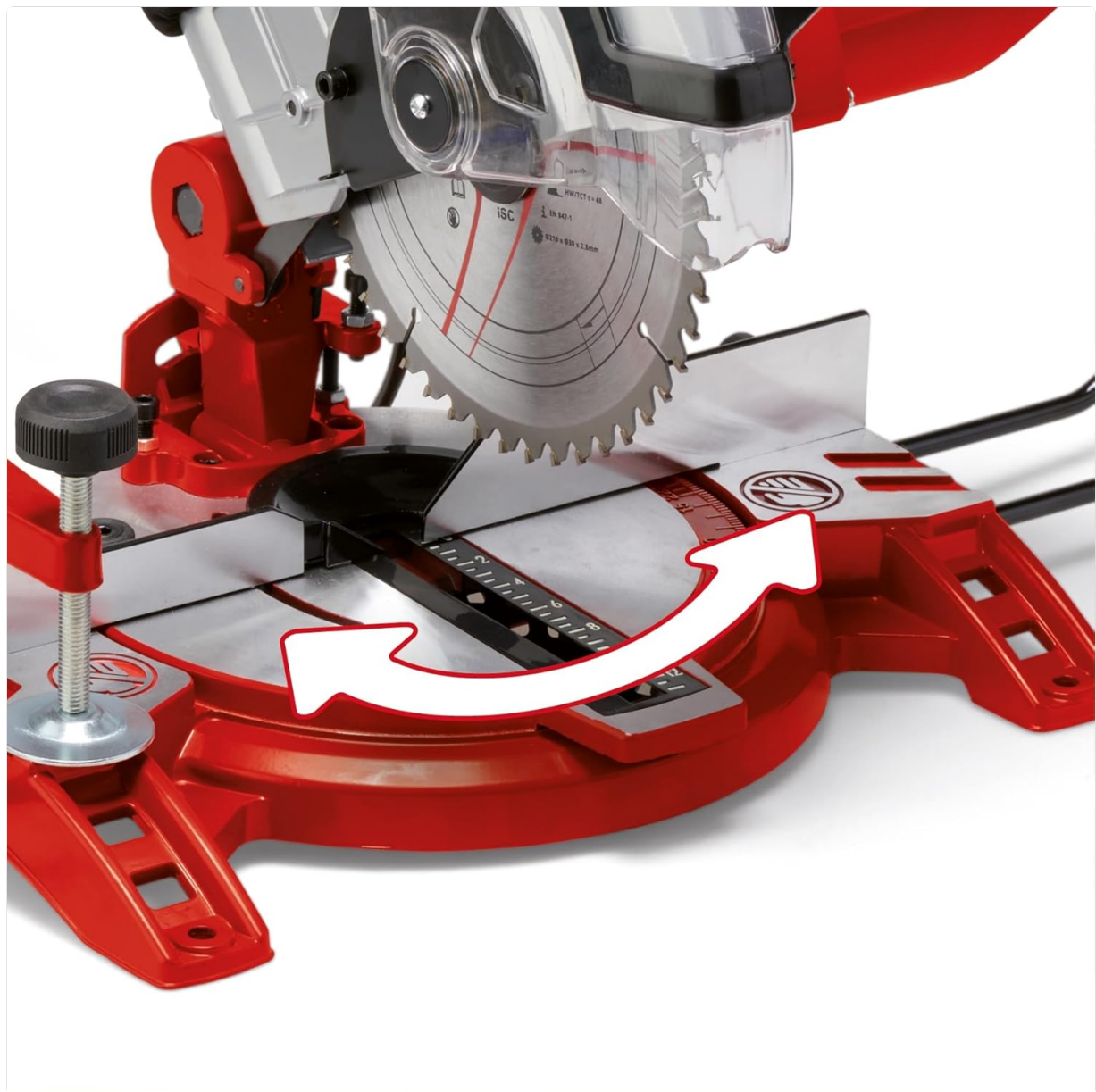




A user demonstrating the Einhell Mitre Saw in action, performing a precise cut on a wooden workpiece.

## Adjusting Angles

The mitre saw features a rotating table for precise angle cuts. It can be adjusted from -45 to +45 degrees. Use the table inlay with scale for accurate cutting results. The saw head can also be tilted up to 45 degrees to the left for versatile bevel cuts.



The rotating work table of the mitre saw, illustrating its ability to adjust for precise angle cuts from -45 to +45 degrees.



The saw head can be tilted up to 45 degrees to the left, allowing for versatile bevel cuts.

## Changing Saw Blade

To change the saw blade, ensure the tool is unplugged from the power source. Utilize the spindle lock feature to secure the blade in place, then carefully loosen the retaining nut. Replace the blade with a suitable one, ensuring it is correctly oriented, and tighten the nut securely.





This view highlights the spindle lock mechanism, which facilitates quick and safe changing of the saw blade.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your mitre saw:

- **Cleaning:** After each use, clean the saw from sawdust and debris. Use a brush or compressed air. Ensure the dust collection bag is emptied regularly.
- **Blade Inspection:** Periodically inspect the saw blade for sharpness and damage. A dull or damaged blade can lead to poor cuts and increased strain on the motor. Replace as necessary.
- **Lubrication:** Apply a light coat of machine oil to moving parts and pivot points as recommended in the full product manual to ensure smooth operation.
- **Storage:** Store the mitre saw in a dry, secure location, out of reach of children. Use the transport brace for easy and safe transportation.





The robust transport brace allows for easy and safe transportation of the mitre saw.

## TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Saw does not start	No power supply; Faulty power cord; Overload protection tripped.	Check power connection; Inspect power cord for damage; Allow motor to cool down and reset.
Poor cut quality (rough, splintering)	Dull or incorrect blade; Improper feed rate; Workpiece not secured.	Replace blade or use appropriate blade for material; Adjust feed rate; Secure workpiece firmly.
Excessive vibration or noise	Loose blade; Damaged blade; Loose components.	Tighten blade retaining nut; Replace damaged blade; Check and tighten all fasteners.

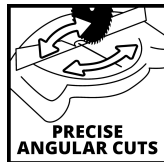
Problem	Possible Cause	Solution
Dust collection ineffective	Dust bag full; Dust port clogged; Improper connection.	Empty dust bag; Clear dust port; Ensure dust bag is securely attached.

## TECHNICAL SPECIFICATIONS

Model	TH-MS2112
Part Number	4300295
Brand	Einhell
Power Input	1600 Watts
Voltage	230 Volts
No-load Speed	5000 rpm
Number of Saw Teeth	48 Pieces
Mitre Angle Range	-45° to +45°
Bevel Cut (Left)	Up to 45°
Max. Cutting Performance (Left)	120 x 55 mm
Max. Cutting Performance (Right)	80 x 32 mm
Item Weight	7.1 Kilograms (approx. 15.62 pounds)
Product Dimensions	18.31 x 12.76 x 11.61 inches



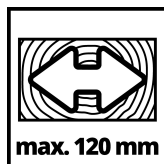
High Quality HW/TCT Saw Blade



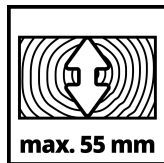
Precise Angular Cuts



Easy Handling, Light & Mobile



Max. Cutting Width: 120 mm



Max. Cutting Depth: 55 mm



## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Einhell website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.





For further assistance, visit: [www.einhell.com](http://www.einhell.com)

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## Related Documents - 4300295

	<p><a href="#">Instrukcja Obsługi Einhell TC-SM 2131/1 Dual - Piła Ukośna</a></p> <p>Oryginalna instrukcja obsługi dla piły ukośnej Einhell TC-SM 2131/1 Dual. Zawiera informacje o bezpieczeństwie, użytkowaniu, danych technicznych i konserwacji.</p>
	<p><a href="#">Einhell TC-SM 2131/2 Dual: Originalbetriebsanleitung</a></p> <p>This manual provides essential operating instructions, safety guidelines, technical specifications, and maintenance information for the Einhell TC-SM 2131/2 Dual sliding mitre saw. Learn how to safely and effectively use your Einhell mitre saw for various cutting tasks.</p>



	<p><a href="#">Einhell TC-SM 2131/2 Dual Sliding Mitre Saw: Official Operating Manual &amp; Safety Guide</a></p> <p>Get the official operating manual for the Einhell TC-SM 2131/2 Dual sliding mitre saw. This guide covers safety instructions, setup, usage, and maintenance for woodworking professionals and DIY enthusiasts.</p>
	<p><a href="#">Einhell TC-SM 2131/2 Dual Radial Mitre Saw Operating Instructions</a></p> <p>Comprehensive operating instructions and safety information for the Einhell TC-SM 2131/2 Dual radial mitre saw. Learn about its features, setup, usage, and technical specifications.</p>
	<p><a href="#">Einhell IMPAXXO 18/230 Cordless Impact Wrench Operating Instructions</a></p> <p>Comprehensive operating instructions for the Einhell IMPAXXO 18/230 cordless impact wrench, covering safety, usage, maintenance, and disposal.</p>
	<p><a href="#">Einhell TC-MG 250 CE Multifunktionswerkzeug - Originalbetriebsanleitung</a></p> <p>Umfassende Originalbetriebsanleitung für das Einhell TC-MG 250 CE Multifunktionswerkzeug. Enthält Sicherheitshinweise, technische Daten, Bedienungsanleitung, Wartung und Entsorgung.</p>