

Metabo 629005000

Metabo KSU 251 Miter Saw Stand Instruction Manual

Model: 629005000

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Metabo KSU 251 Miter Saw Stand. Please read these instructions carefully before assembly and operation to ensure proper functionality and to prevent injury or damage.

The Metabo KSU 251 is a lightweight and robust miter saw stand designed for both mobile and stationary use. It features a trolley function for easy transport, quick setup with lockable folding legs, and adjustable workpiece supports for precise cuts. Its universal machine base makes it compatible with most standard miter saws.

SAFETY INSTRUCTIONS

Always observe general safety regulations when working with power tools and accessories. Failure to follow these instructions may result in serious injury.

- Read and understand all instructions before using the stand.
- Ensure the stand is placed on a stable, level surface before mounting any saw or workpiece.
- Do not exceed the maximum weight capacity of 250 kg (551 lbs) on the central part of the stand.
- Always secure your miter saw firmly to the universal machine base before operation.
- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Keep children and bystanders away while operating the stand and attached saw.
- Wear appropriate personal protective equipment (PPE), such as safety glasses, hearing protection, and gloves.
- Inspect the stand for any damage or loose parts before each use. Do not use if damaged.
- When transporting the stand, ensure all components are securely folded and locked.

COMPONENTS LIST

The Metabo KSU 251 Miter Saw Stand includes the following main components:

- Main support frame with integrated trolley function
- Folding legs with locking mechanism
- Universal machine base (for mounting miter saw)
- Extendable workpiece supports with rollers

- Foldable stop for series cuts
- Transport wheels
- Handle for transport

SETUP

1. Unfolding the Stand

Place the stand on a flat, stable surface. Unlock the folding legs and extend them fully until they click into their locked position. Ensure all four legs are securely locked before proceeding.



Image: The Metabo KSU 251 Miter Saw Stand fully unfolded and ready for use. Note the sturdy legs and the main support beam.

2. Attaching the Miter Saw

The universal machine base allows for tool-free mounting of most miter saws. Align your miter saw with the mounting points on the stand's universal base. Secure the saw using the provided quick-release clamps or bolts, ensuring it is tightly fastened and does not wobble.



Image: A user's hands are shown adjusting the miter saw onto the stand's universal mounting plate, highlighting the secure attachment mechanism.

3. Adjusting Workpiece Supports

Extend the workpiece supports to the desired length. The supports feature rollers for easy material feeding. Adjust their height to match the cutting height of your miter saw. The foldable stop can be used for repetitive cuts of the same length.

OPERATING INSTRUCTIONS

1. Preparing for Cutting

Once the miter saw is securely mounted and the workpiece supports are adjusted, place your material on the supports. Ensure the material is stable and properly aligned for the cut. Use the foldable stop for consistent length cuts.

2. Using the Trolley Function

For easy movement around the job site, the stand is equipped with transport wheels. To engage the trolley function, slightly tilt the stand onto its wheels using the integrated handle. This allows for convenient relocation of the stand with the saw still attached.

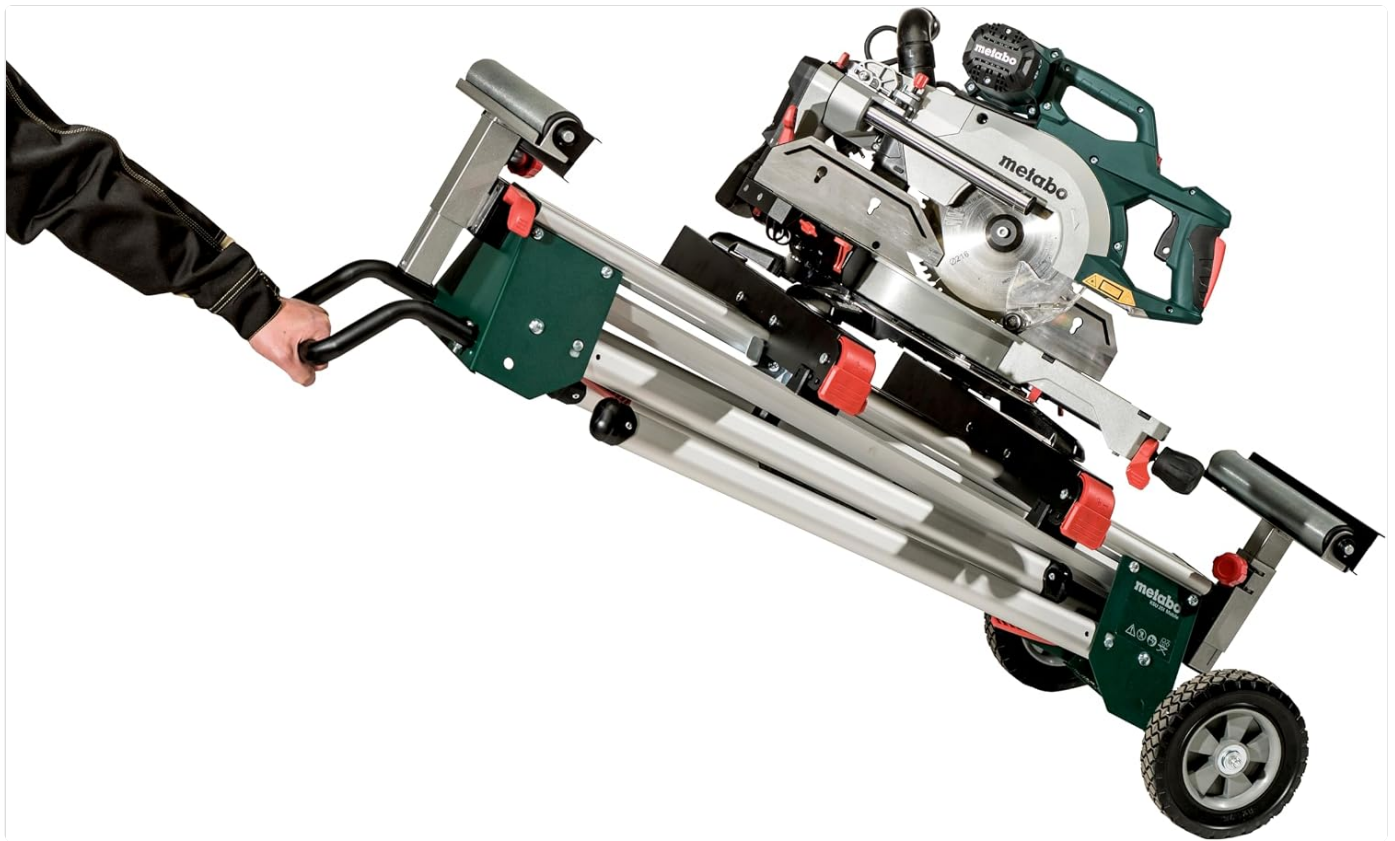


Image: A person is shown effortlessly moving the miter saw stand, which has a miter saw attached, by tilting it onto its transport wheels and pulling it by the handle.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Metabo KSU 251 Miter Saw Stand.

- **Cleaning:** After each use, wipe down the stand with a dry cloth to remove sawdust and debris. For stubborn grime, use a damp cloth and mild detergent, then dry thoroughly.
- **Lubrication:** Periodically apply a light lubricant to the moving parts, such as the folding leg hinges and the extendable workpiece support rails, to ensure smooth operation.
- **Inspection:** Regularly check all bolts, nuts, and fasteners for tightness. Tighten any loose components. Inspect the legs, frame, and wheels for any signs of damage, bends, or cracks.
- **Storage:** When not in use, fold the stand for compact storage. Store it in a dry, protected area to prevent rust and damage.



Image: The miter saw stand is shown folded compactly and stored in the back of a vehicle, demonstrating its portability and ease of storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Stand is wobbly or unstable.	Legs not fully locked; uneven surface; loose fasteners.	Ensure all legs are fully extended and locked. Move to a level surface. Check and tighten all bolts and nuts.
Miter saw not securely attached.	Clamps not tightened; saw not properly aligned.	Re-align the saw on the universal base. Tighten all quick-release clamps or mounting bolts firmly.
Workpiece supports are stiff or difficult to extend.	Accumulated dust/debris; lack of lubrication.	Clean the rails of the workpiece supports. Apply a light lubricant to the sliding mechanisms.
Transport wheels not rolling smoothly.	Debris caught in wheels; damaged wheel.	Clear any debris from the wheels. Inspect for damage; replace if necessary.

SPECIFICATIONS

Feature	Detail
Model Number	629005000
Brand	Metabo
Material	Metal, Plastic

Feature	Detail
Color	Multicoloured Green/Black/Silver
Product Dimensions (L x W x H)	124 x 40 x 20 cm (48.8 x 15.7 x 7.9 inches)
Item Weight	23 kg (50.7 lbs)
Maximum Load Capacity (Central)	250 kg (551 lbs)
Special Features	Trolley function, Folding legs, Universal machine base, Extendable workpiece supports
Measurement System	Metric
Certifications	CE, UL, GS
Country of Origin	China

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or spare parts, please contact Metabo customer service or visit the official Metabo website. Keep your purchase receipt as proof of purchase.

Manufacturer: METABO SAS

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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.

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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