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› [Ferm MSM1037 Mitre Saw - 1300W/210mm Instruction Manual](#)

Ferm MSM1037

Ferm MSM1037 Mitre Saw - 1300W/210mm Instruction Manual

Model: MSM1037

1. IMPORTANT SAFETY INSTRUCTIONS

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury. Save all warnings and instructions for future reference.

- Wear eye protection and hearing protection.
- Keep hands away from the cutting area.
- Ensure the workpiece is securely clamped.
- Disconnect power before changing blades or performing maintenance.
- Use only blades specified for this tool and material.
- Keep the work area clean and well-lit.
- Do not operate power tools in explosive atmospheres.
- Avoid accidental starting. Ensure the switch is in the off-position before connecting to power.

2. PRODUCT OVERVIEW

The Ferm MSM1037 Mitre Saw is a powerful 1300W tool designed for precise cutting of various materials including metal, nylon, plastic, stainless steel, and wood. It features a 210mm saw blade and operates at 4500 RPM.



Figure 1: Front view of the Ferm MSM1037 Mitre Saw, showing the blade, base, and handle assembly.

3. SETUP AND ASSEMBLY

3.1 Unpacking

Carefully remove all components from the packaging. Inspect for any damage that may have occurred during transit. Retain packaging for future storage or transport.

3.2 Securing the Saw

Mount the mitre saw securely to a stable workbench using appropriate bolts and washers. Ensure the saw is level and does not wobble during operation.

3.3 Blade Installation

1. Disconnect the saw from the power supply.
2. Press the spindle lock button.
3. Use the provided wrench to loosen the blade retaining bolt.
4. Remove the outer flange and old blade.
5. Install the new 210mm blade, ensuring the rotation direction matches the arrow on the guard.
6. Replace the outer flange and tighten the retaining bolt securely.
7. Release the spindle lock.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Mitre Angle

To adjust the mitre angle, loosen the mitre lock knob. Rotate the turntable to the desired angle, indicated on the scale. Tighten the mitre lock knob firmly to secure the position.



Figure 2: Close-up view of the mitre angle scale on the saw base, showing markings from 0 to 45 degrees left and right.

4.2 Adjusting Bevel Angle

For bevel cuts, loosen the bevel lock lever located at the rear of the saw. Tilt the saw head to the desired angle (up to 45 degrees). Securely tighten the bevel lock lever.

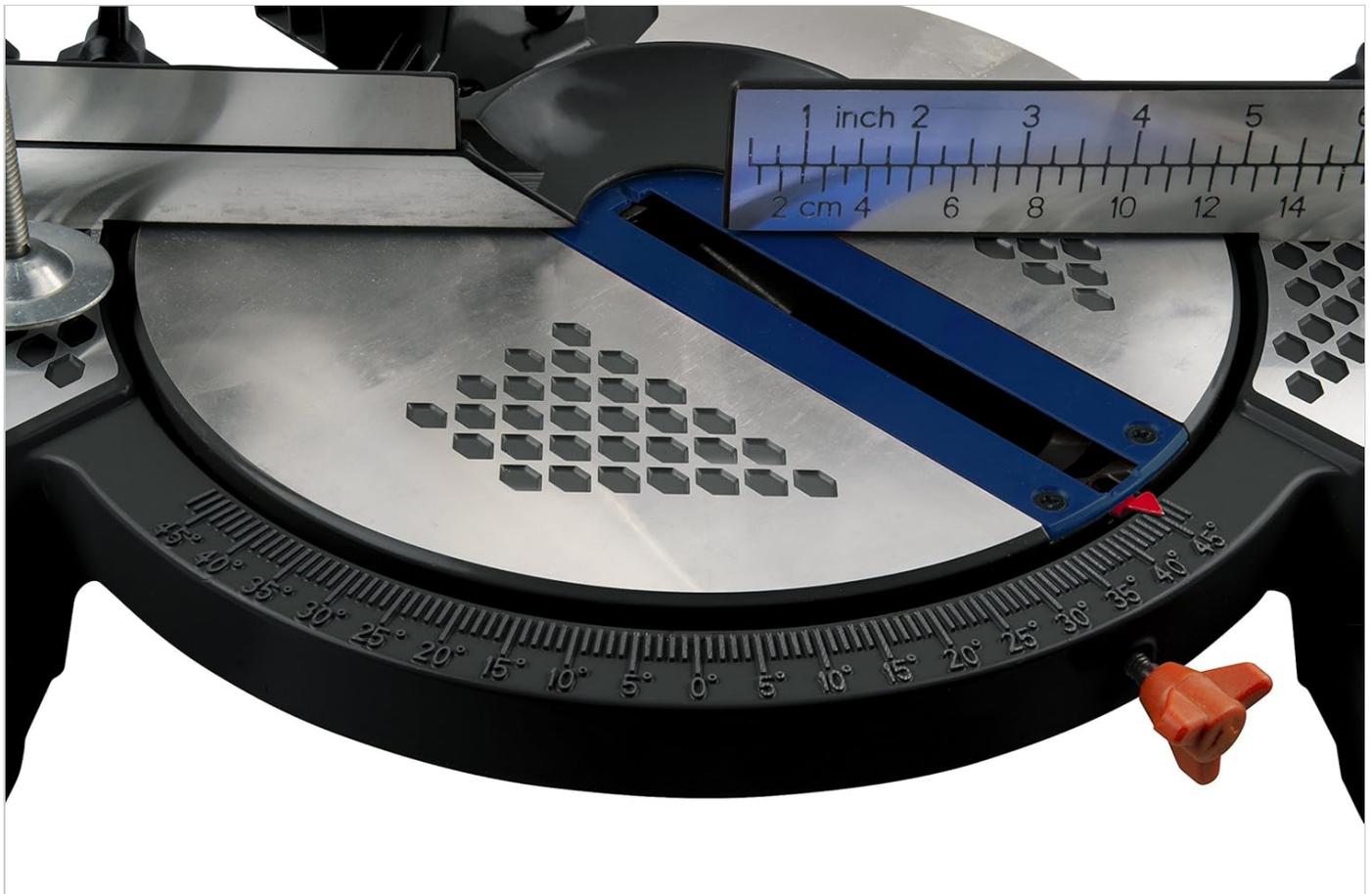


Figure 3: Detail of the bevel angle adjustment mechanism, showing the scale and locking lever for tilting the saw head.

4.3 Making a Cut

1. Place the workpiece firmly against the fence and clamp it securely.
2. Ensure the blade is clear of the workpiece before starting the motor.
3. Press the trigger switch to start the motor and allow the blade to reach full speed.
4. Slowly lower the saw blade through the workpiece.
5. Once the cut is complete, release the trigger switch and allow the blade to stop completely before raising the saw head.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the saw to remove sawdust and debris. Use a brush or vacuum cleaner. Do not use solvents that may damage plastic parts.

5.2 Blade Inspection

Inspect the saw blade before each use for sharpness, cracks, or missing teeth. Replace damaged or dull blades immediately.

5.3 Carbon Brushes

The carbon brushes may need periodic replacement. Consult a qualified service technician for this procedure.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	No power supply; Faulty switch; Worn carbon brushes	Check power connection; Test switch; Replace carbon brushes (professional service recommended)
Blade not cutting cleanly	Dull blade; Incorrect blade for material; Blade installed incorrectly	Replace blade; Use appropriate blade; Reinstall blade correctly
Excessive vibration	Loose blade; Damaged blade; Unsecured saw	Tighten blade bolt; Replace blade; Secure saw to workbench

7. SPECIFICATIONS

- **Model Number:** MSM1037
- **Power:** 1300W
- **Voltage:** 240 Volts
- **Blade Diameter:** 210mm
- **Speed:** 4500 RPM
- **Cutting Angle:** 45 Degrees (Mitre and Bevel)
- **Number of Teeth (Blade):** 80
- **Item Weight:** 6 Kilograms
- **Product Dimensions:** 42 x 40 x 30 cm
- **Surface Recommendation:** Metal, Nylon, Plastic, Stainless Steel, Wood
- **Power Source:** Corded Electric

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Ferm customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: Bosch (as per product data)

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