

Metabo W 2200-230

Metabo 9-Inch Angle Grinder User Manual

Model: W 2200-230

1. INTRODUCTION

Thank you for choosing the Metabo 9-Inch Angle Grinder, Model W 2200-230. This powerful tool is designed for demanding cutting, grinding, and material removal tasks in industrial and construction environments. Its heavy-duty AC/DC motor and optimized airflow ensure high performance and durability under heavy loads, making it ideal for applications such as weld preparation, grinding and brushing weld seams, metal removal, and cutting various metal profiles.



Figure 1: Metabo 9-Inch Angle Grinder (Model W 2200-230)

2. 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.

- **Work Area Safety:** Keep 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. Do not expose

power tools to rain or wet conditions.

- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate respiratory protection. Use personal protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions.
- **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.
- **Proposition 65 Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. COMPONENTS

Familiarize yourself with the main components of your Metabo Angle Grinder:

- Grinder Body
- Spindle Lock Button
- Paddle Switch
- Side Handle (3-position)
- Wheel Guard
- Grinding/Cutting Wheel (accessory, not included)



Figure 2: Angle Grinder with Side Handle Attached

4. SETUP

4.1 Attaching the Side Handle

The side handle can be attached in three different positions for optimal control and comfort, depending on the application and user preference.

1. Identify the three threaded holes on the gear housing of the grinder.
2. Screw the side handle firmly into the desired position (left, right, or top).
3. Ensure the handle is securely tightened before operation.

4.2 Attaching the Guard

The wheel guard is essential for user safety and must always be used. It protects against sparks, debris, and accidental contact with the rotating wheel.

1. Loosen the clamping screw on the guard.
2. Place the guard over the spindle collar, ensuring it fits snugly.
3. Rotate the guard to position it for maximum protection, directing sparks away from you.
4. Tighten the clamping screw securely to lock the guard in place.

4.3 Power Connection

This angle grinder operates on 120V AC/DC power.

- Ensure the power outlet matches the tool's voltage requirements.
- Always use a grounded outlet.
- Inspect the power cord for any damage before each use.

5. OPERATION

5.1 General Operation

The Metabo Angle Grinder is designed for grinding, cutting, beveling, deburring, brushing, and finishing of metal. Always select the appropriate accessory (grinding wheel, cutting disc, wire brush) for the task at hand.



Figure 3: Angle Grinder in Operation

5.2 Starting and Stopping

This model features a paddle switch for operation.

- **To Start:** Depress the paddle switch. The tool will begin to operate.
- **To Stop:** Release the paddle switch. The Metabo safety switch prevents unintentional starts.
- Allow the tool to reach full speed before applying it to the workpiece.
- Always hold the tool firmly with both hands during operation.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Metabo Angle Grinder. Always disconnect the tool from the power supply before performing any maintenance.

- **Cleaning:** Keep the ventilation openings clean and free from dust and debris to ensure proper motor cooling. Use a soft brush or compressed air.
- **Inspection:** Regularly inspect the power cord for damage. Check the side handle and guard for secure attachment.
- **Carbon Brushes:** The carbon brushes are wear parts. Have them checked and replaced by a qualified service technician when necessary.
- **Lubrication:** This tool is factory lubricated and does not require additional lubrication by the user.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your angle grinder.

Problem	Possible Cause	Solution
Tool does not start	No power supply	Check power outlet and circuit breaker
	Damaged power cord	Inspect and replace power cord if damaged
	Paddle switch not fully engaged	Ensure paddle switch is fully depressed
Excessive vibration	Worn or damaged grinding wheel	Replace grinding wheel
	Improperly mounted wheel	Re-mount wheel correctly, ensure flange nuts are tight
	Loose side handle	Tighten side handle
Overheating	Blocked ventilation slots	Clean ventilation slots
	Continuous heavy load	Allow tool to cool down; reduce load or take breaks

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Metabo
Model Number	W 2200-230
Power Source	Corded Electric
Voltage	120 Volts AC/DC
Wattage	1520 Watts
Amperage	15.0 Amps
Maximum Rotational Speed	6600 RPM
Disc Diameter	9-Inch
Item Weight	13.9 pounds (6.32 Kilograms)
Material	Aluminum
Color	Green
Included Components	Side Handle, Guard

9. WARRANTY AND SUPPORT

Your Metabo Angle Grinder comes with a 3-Year Limited Warranty, ensuring peace of mind regarding manufacturing defects and workmanship.

For detailed warranty information, service, or technical support, please refer to the official Metabo website or contact their customer service. You may also consider purchasing additional protection plans for extended coverage.

Visit the official Metabo Store for more products and support:[Metabo Store on Amazon](#)

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

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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