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› [Metabo](#) /

› Metabo WP 11-125 Quick Angle Grinder User Manual

Metabo WP 11-125 Quick (603624420)

Metabo WP 11-125 Quick Angle Grinder User Manual

Model: WP 11-125 Quick (603624420) | Brand: Metabo

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Metabo WP 11-125 Quick Angle Grinder. Please read this manual thoroughly before using the tool and keep it for future reference.

The Metabo Pro Series Angle Grinder is engineered and manufactured in Germany for durability, safety, and productivity. It features a powerful LongLife AC/DC motor designed for demanding applications.



Figure 1: Metabo WP 11-125 Quick Angle Grinder, showing its compact design and paddle switch.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury and damage to the tool:

- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Secure the workpiece to prevent movement during operation.
- Keep hands and body clear of the rotating disc.
- Disconnect the power supply before changing accessories or performing maintenance.
- The Metabo S-Automatic mechanical safety slip clutch helps reduce the likelihood of kickback and allows the user to maintain control in case of an accessory jam.
- The non-locking paddle switch provides increased safety by requiring continuous pressure for operation.



Mechanical Safety Slip Clutch



Increased safety & predictable handling

Figure 2: Internal view highlighting the Mechanical Safety Slip Clutch, designed for increased safety and predictable handling.

3. PRODUCT COMPONENTS

The Metabo WP 11-125 Quick Angle Grinder typically includes the following components:

- **Angle Grinder Unit:** Main body with motor and gear housing.
- **Adjustable Guard:** Tool-free, burst-proof guard for safety during operation.
- **Side Handle:** Ergonomic, rubberized handle for optimal grip and reduced fatigue.
- **M-Quick Nut:** For fast, tool-free disc changes.
- **Power Cord:** Corded electric operation.

 **MADE IN GERMANY**



Figure 3: Key features of the Metabo Angle Grinder, including the LongLife Motor, non-locking paddle switch, quick tool-less wheel change system, Metabo S-automatic mechanical safety slip clutch, and smallest handle circumference in its class.

4. SETUP

4.1 Attaching the Side Handle

The side handle can be attached to either side of the gear housing for comfortable operation, whether you are left-handed or right-handed.

1. Identify the threaded holes on both sides of the grinder's gear housing.
2. Screw the side handle firmly into the desired threaded hole.

4.2 Installing the Adjustable Guard

The tool-free adjustable guard provides protection from sparks and debris. Ensure it is securely in place before operation.

1. Align the guard with the collar on the grinder's head.
2. Push the guard onto the collar and rotate it until it clicks into a secure position.
3. Adjust the guard's position to deflect sparks away from you and bystanders.

4.3 Attaching the Grinding/Cutting Disc

The patented M-Quick System allows for fast, tool-free disc changes.

1. Ensure the grinder is unplugged from the power source.
2. Press and hold the spindle lock button located on the gear housing.
3. Unscrew the M-Quick nut by hand to remove the existing disc (if any).
4. Place the new grinding or cutting disc onto the spindle, ensuring it is centered.
5. Screw the M-Quick nut back on by hand until it is finger-tight. Release the spindle lock.



Patented M-Quick System



Maximized productivity with fastest
tool-free wheel change

Figure 4: Demonstrating the Patented M-Quick System for maximized productivity with fastest tool-free wheel change.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

The Metabo WP 11-125 Quick features a non-locking paddle switch for enhanced safety.

- To turn on the grinder, firmly press and hold the paddle switch.
- To turn off the grinder, release the paddle switch. The tool will stop immediately.



Non-locking paddle switch



For increased safety and comfort

Figure 5: Detail of the non-locking paddle switch, designed for increased safety and comfort during operation.

5.2 Grinding and Cutting Techniques

Always ensure the appropriate disc is installed for the task (grinding or cutting).

- Allow the disc to reach full speed before contacting the workpiece.
- Apply steady, even pressure. Do not force the tool.
- For grinding, hold the disc at a slight angle (15-30 degrees) to the workpiece.
- For cutting, hold the disc perpendicular (90 degrees) to the workpiece and make straight, controlled passes.
- The 11 Amp motor produces 11,000 RPM, providing ample power for various applications.

**Perfect
for metal
grinding /
cutting or
masonry
cutting**

Faster cutting
and higher
overload
protection in
extreme
conditions.

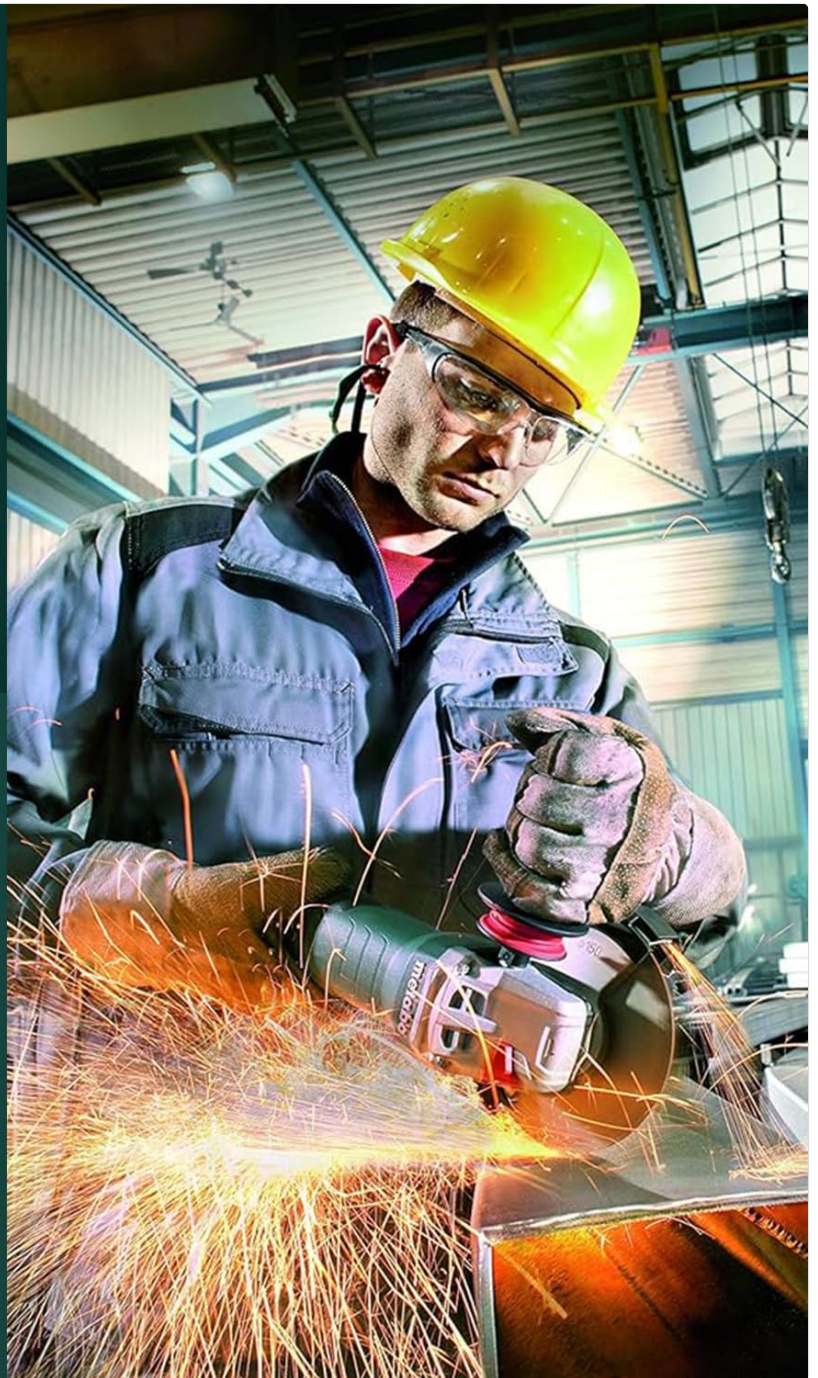


Figure 6: The Metabo Angle Grinder is perfect for metal grinding and masonry cutting, offering faster cutting and higher overload protection in extreme conditions.



11 AMP motor



Produces 11,000 RPM

Figure 7: The 11 Amp motor of the Metabo Angle Grinder produces 11,000 RPM for efficient material removal.

5.3 Official Product Video

Your browser does not support the video tag.

Video 1: "Metabo Power Up Grinders" - This official video from Metabo demonstrates the power and capabilities of their grinder series, including the WP 11-125 Quick model, showcasing its performance in various applications.

6. MAINTENANCE

6.1 Cleaning

- Regularly clean the ventilation openings to prevent overheating. The LongLife motor features patented dust protection.
- Wipe down the tool with a dry cloth after each use.
- Do not use water or harsh chemicals for cleaning.

6.2 Carbon Brushes

The Metabo WP 11-125 Quick is equipped with auto-stop carbon brushes that protect the motor from damage. When the brushes wear down, the tool will automatically shut off, indicating they need replacement. Consult a qualified service technician for carbon brush replacement.

6.3 Storage

Store the grinder in a dry, secure location, out of reach of children and away from direct sunlight or extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Grinder does not start.	No power supply; paddle switch not fully engaged; worn carbon brushes.	Check power connection; ensure paddle switch is fully pressed; replace carbon brushes (professional service recommended).
Excessive vibration.	Damaged or improperly installed disc; loose M-Quick nut.	Inspect and replace damaged disc; ensure disc is correctly installed and M-Quick nut is tightened.
Tool stops during operation.	Overload (S-Automatic clutch engaged); worn carbon brushes.	Reduce pressure; allow tool to cool; replace carbon brushes.

8. SPECIFICATIONS

Feature	Detail
Brand	Metabo
Model Number	603624420
Style	Paddle Switch
Power Source	Corded Electric
Voltage	120 Volts

Feature	Detail
Wattage	1100 watts
Maximum Rotational Speed	11000 RPM
Item Weight	6 Pounds
Product Dimensions	14"L x 5"W x 5"H
Country of Origin	Germany

We have the right size for you



4 1/2"

4 1/2"-5"

5"

6"

7"

9"

Figure 8: Metabo offers various angle grinder sizes, including the 4-1/2" to 5" range for the WP 11-125 Quick model.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Metabo WP 11-125 Quick Angle Grinder comes with a**3-Year Limited Warranty**. This warranty covers defects in material and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, parts, or warranty service, please contact Metabo customer support. Visit the official Metabo website for contact details and further information:

[Visit the Metabo Store on Amazon](#)

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Email

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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