

## BOSCH GWS 10-125

# Bosch GWS 10-125 Professional Angle Grinder Instruction Manual

Model: GWS 10-125

## 1. INTRODUCTION

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Thank you for choosing the Bosch GWS 10-125 Professional Angle Grinder. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your tool. Please read all instructions carefully before use and keep this manual for future reference.

The Bosch GWS 10-125 is designed for grinding, cutting, and brushing metal and stone materials without the use of water. It features an anti-rotation protective guard, vibration control, and direct cooling for enhanced durability and user comfort.

## 2. GENERAL SAFETY INSTRUCTIONS

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**WARNING: Read 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.**

### 2.1 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### 2.2 Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

## 2.3 Personal Safety

- Always wear eye protection. Use safety glasses, goggles, or a face shield.
- Wear hearing protection when operating the tool for extended periods.
- Use appropriate respiratory protection when working in dusty environments.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.
- Stay alert, watch what you are doing, and use common sense when operating a power tool.

## 2.4 Angle Grinder Specific Safety

- Always use the auxiliary handle. Loss of control can result in personal injury.
- Always use the protective guard. Ensure it is securely fastened and positioned for maximum safety. The anti-rotation protective guard is designed to remain firm even if the disc breaks.
- Ensure the workpiece is securely clamped or supported.
- Do not use the tool for applications for which it is not intended.
- Never use damaged or incorrect accessories.
- Allow the tool to reach full speed before contacting the workpiece.
- Be aware of kickback. Always maintain a firm grip on the tool.

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the components of your Bosch GWS 10-125 Professional Angle Grinder before operation.



Figure 1: Bosch GWS 10-125 Professional Angle Grinder (Overall View)

This image displays the complete Bosch GWS 10-125 Professional Angle Grinder. Key visible components include the main blue housing, the silver gear head, the black auxiliary handle with red BOSCH branding, and a grinding disc attached to the spindle, covered by a protective guard. The power cord extends from the rear of the tool.



Figure 2: Bosch GWS 10-125 Angle Grinder (Head and Handle Detail)

This close-up image focuses on the gear head and auxiliary handle of the Bosch GWS 10-125 Angle Grinder. It shows the silver gear housing, the red spindle lock button, the attachment point for the protective guard, and the textured grip of the auxiliary handle. The handle can be attached to either the right or left side of the gear head.

### 3.1 Key Components

1. **Main Housing:** Contains the motor and internal components.
2. **Auxiliary Handle:** Provides additional grip and control, featuring vibration control for user comfort. Can be mounted on the left or right.
3. **Protective Guard:** Shields the user from sparks and debris, and remains firm even if the disc breaks.
4. **Grinding/Cutting Disc:** The abrasive accessory used for material removal.
5. **Spindle Lock Button:** Used to lock the spindle for easy disc changes.
6. **On/Off Switch:** Controls power to the tool.
7. **Gear Head:** Houses the gears and spindle. Can be rotated in 90-degree steps.

## 4. SETUP

**WARNING:** Always disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.

### 4.1 Attaching the Auxiliary Handle

- The auxiliary handle (2) can be screwed into the left or right side of the gear head (7).
- Ensure it is tightened securely before operation.

### 4.2 Adjusting the Protective Guard

- The protective guard (3) is designed to protect against sparks and disc fragments.
- Loosen the clamping screw on the protective guard.
- Rotate the protective guard to the desired position to ensure maximum safety for the specific application.
- Tighten the clamping screw firmly. The anti-rotation feature ensures it remains stable.

### 4.3 Mounting Grinding/Cutting Discs

- Press and hold the spindle lock button (5) to lock the grinding spindle.
- Place the inner flange onto the spindle.

- Position the grinding or cutting disc (4) onto the inner flange, ensuring it is centered.
- Screw on the clamping nut and tighten it firmly using the appropriate spanner.
- Release the spindle lock button.
- Ensure the disc is correctly mounted and spins freely before connecting to power.

## 5. OPERATING INSTRUCTIONS

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**CAUTION: Always wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, and gloves during operation.**

### 5.1 Switching On and Off

- **To Switch On:** Push the On/Off switch (6) forward. For continuous operation, press the switch down until it locks.
- **To Switch Off:** For continuous operation, press the On/Off switch (6) at the rear and release it. For non-continuous operation, release the On/Off switch.

### 5.2 Grinding and Cutting

- Hold the angle grinder firmly with both hands, using the main handle and the auxiliary handle.
- Allow the tool to reach full operating speed before bringing the disc into contact with the workpiece.
- Apply moderate pressure. Excessive pressure can reduce disc life and motor efficiency.
- Move the tool evenly across the workpiece.
- For cutting, use a slight oscillating motion to prevent overheating and binding.
- The vibration control auxiliary handle helps reduce user fatigue and protects joints during extended use.

## 6. MAINTENANCE

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**WARNING: Always disconnect the plug from the power source before performing any maintenance or cleaning.**

### 6.1 Cleaning

- Keep the ventilation slots clean to ensure proper motor cooling. The direct cooling system is designed for high overload capability and a long service life, but requires clear airflow.
- Regularly clean the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Remove any dust or debris from the protective guard and around the spindle area.

### 6.2 Carbon Brushes

The motor is equipped with carbon brushes. If the tool stops working, it may indicate worn carbon brushes. These should be replaced by a qualified service technician.

### 6.3 Storage

Store the tool in a dry, secure place out of reach of children. Ensure the power cord is neatly coiled and not kinked.

## 7. TROUBLESHOOTING

If you experience issues with your Bosch GWS 10-125 Angle Grinder, refer to the following common troubleshooting steps:

- **Tool does not start:**
  - Check if the power cord is securely plugged into a functional outlet.
  - Verify the On/Off switch is fully engaged.
  - Inspect the power cord for any damage.
  - If equipped, check the circuit breaker or fuse.
- **Excessive vibration or noise:**
  - Ensure the grinding disc is correctly mounted and securely tightened.
  - Check the disc for damage, cracks, or excessive wear. Replace if necessary.
  - Ensure the auxiliary handle is securely fastened.
- **Reduced performance or overheating:**
  - Clean the ventilation slots to ensure proper airflow for the direct cooling system.
  - Avoid applying excessive pressure during operation.
  - Ensure the correct type of disc is being used for the material.

If the problem persists after attempting these steps, contact an authorized Bosch service center for assistance.

## 8. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	BOSCH
Model Number	GWS 10-125 (0 601 821 2F0)
Disc Diameter	125 mm
Grinding Spindle Thread	M 14
Power Source	1000 W (Wattage: 1E+3)
Item Weight	2.1 Kilograms (2 kg 100 g)
Material	Rubber (for certain components like sanding plate)
Colour	Blue
Vibration Emission Value (Surface Grinding)	5.5 m/s² (Uncertainty K: 2 m/s²)
Vibration Emission Value (Sanding with Sanding Sheet)	3 m/s² (Uncertainty K: 1.5 m/s²)
Package Dimensions	36.4 x 13.41 x 13.41 cm

## 9. WARRANTY AND SUPPORT





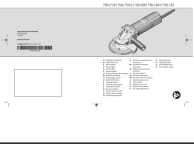

For warranty information, please refer to the warranty card included with your product or visit the official Bosch website for your region. Bosch provides comprehensive customer support and service for its products.

For technical assistance, spare parts, or service inquiries, please contact your local authorized Bosch service center. You can find contact information on the official Bosch website: [www.bosch-pt.com/in/en/service/](http://www.bosch-pt.com/in/en/service/)

Please have your model number (GWS 10-125) and serial number ready when contacting support.

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### Related Documents - GWS 10-125

	<p><a href="#">Bosch GWS Professional Angle Grinder Manual</a></p> <p>Comprehensive user manual for the Bosch GWS Professional series of angle grinders, including models 11-125, 19-125 CI, 19-125 CIE, 19-125 CIST, and 19-150 CI. This guide provides detailed safety instructions, operating procedures, and technical specifications for optimal use and maintenance.</p>
	<p><a href="#">Bosch GWS Professional Angle Grinder Manual</a></p> <p>Comprehensive safety warnings, operating instructions, and technical specifications for the Bosch GWS Professional series of angle grinders. Learn about proper use, maintenance, and safety precautions.</p>
	<p><a href="#">Bosch GWS Professional Angle Grinder Manual</a></p> <p>Comprehensive instructions and safety guidelines for the Bosch GWS Professional series of angle grinders, including models like the GWS 9-115 P, GWS 11-125 P, GWS 12-125 CIP, GWS 15-125 CIP, and GWS 15-150 CIP. Learn about proper usage, maintenance, and safety precautions for these power tools.</p>
	<p><a href="#">Bosch GWS Professional Angle Grinder: Safety, Operation, and Maintenance Manual</a></p> <p>This manual provides essential safety warnings, operating instructions, maintenance guidelines, and technical specifications for the Bosch GWS Professional series of angle grinders.</p>
	<p><a href="#">Bosch GWS Professional Angle Grinder Operating Manual</a></p> <p>Comprehensive operating manual for Bosch GWS Professional angle grinders, covering safety instructions, technical specifications, assembly, and usage guidelines for models 700, 710, 750, 750 S, 750-100, 750-100 I, and 750-125.</p>
	<p><a href="#">Bosch GWS Professional Angle Grinder Manual</a></p> <p>This document provides detailed safety instructions, operating procedures, technical specifications, and maintenance guidelines for the Bosch GWS Professional angle grinders, models 17-125 S and 17-125 PS.</p>

