

## Bosch GWS 750-115

# Bosch Professional Angle Grinder GWS 750-115

Model: GWS 750-115

## 1. INTRODUCTION

Thank you for choosing the Bosch Professional Angle Grinder GWS 750-115. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference.

The Bosch GWS 750-115 is a powerful and versatile angle grinder designed for professional use, offering high removal rates and excellent control for various grinding and cutting applications.

## 2. SAFETY INFORMATION

**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.**

### General Power Tool Safety Warnings:

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask when operating the grinder. Use appropriate personal protective equipment.
- **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.
- **Kickback and Related Warnings:** Kickback is a sudden reaction to a pinched or snagged rotating wheel. Always maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces.

## 3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your Bosch Angle Grinder GWS 750-115:

- **Main Handle:** For primary grip and control.

- **Auxiliary Handle:** Provides additional grip and stability, can be mounted on either side.
- **Spindle Lock Button:** Used to lock the spindle for easy accessory changes.
- **On/Off Switch:** To power the tool on and off.
- **Protective Guard:** Essential for user safety, must always be in place.
- **Grinding/Cutting Disc:** The consumable accessory for material removal or cutting.
- **Spindle:** The rotating shaft where the disc is mounted.
- **Flange Nut and Backing Flange:** Secure the disc to the spindle.



Image: Overview of the Bosch Professional Angle Grinder GWS 750-115, showing the main body, auxiliary handle, and a mounted grinding disc.



Image: Side view of the angle grinder, highlighting its compact design and power cord.

## 4. SETUP

### 4.1 Attaching the Auxiliary Handle

The auxiliary handle can be screwed into either the left or right side of the gear head, depending on your preference and the application. Ensure it is tightened securely before operation.

### 4.2 Mounting the Protective Guard

Always ensure the protective guard is correctly mounted and adjusted to protect against sparks and debris. The guard should be positioned to deflect material away from the user.

### 4.3 Installing/Changing Grinding Discs

1. Unplug the tool from the power source.

2. Press and hold the spindle lock button.
3. Use the supplied spanner wrench to loosen and remove the flange nut.
4. Place the desired grinding or cutting disc onto the spindle, ensuring it sits flush against the backing flange.
5. Replace the flange nut and tighten it securely with the spanner wrench while holding the spindle lock button.
6. Release the spindle lock button.

**CAUTION: Only use discs with the correct diameter (115 mm) and bore size for this model. Ensure the maximum permissible operating speed of the disc is higher than the no-load speed of the grinder.**

## 5. OPERATING INSTRUCTIONS

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### 5.1 Powering On/Off

To switch on the tool, slide the On/Off switch forward. For continuous operation, press the front part of the switch down until it locks. To switch off, release the switch or press the rear part of the switch if it is locked for continuous operation.

### 5.2 Grinding and Cutting Techniques

Always hold the angle grinder firmly with both hands. Apply moderate pressure and allow the tool to do the work. For grinding, hold the tool at an angle of approximately 15-30 degrees to the workpiece. For cutting, hold the tool at a 90-degree angle to the workpiece and apply even pressure.



Image: A user demonstrating the use of the angle grinder for cutting or grinding on a flat surface, emphasizing proper grip and safety gear.



Image: A user demonstrating the use of the angle grinder for cutting into a wall, showcasing the tool's versatility and the importance of protective equipment.

**IMPORTANT: Do not overload the tool. If the tool slows down significantly, reduce pressure. Ensure proper ventilation in the work area to dissipate dust and fumes.**

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your angle grinder.

### 6.1 Cleaning

- Always unplug the tool before cleaning.
- Clean the ventilation slots regularly to prevent motor overheating. Use a soft brush or compressed air.
- Wipe the tool housing with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

### 6.2 Carbon Brush Replacement

The carbon brushes are wear parts and should be checked periodically. When they are worn down, the tool may stop working or operate intermittently. Replacement should be performed 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 not kinked or damaged during storage.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	No power supply; Faulty switch; Worn carbon brushes.	Check power outlet and cord; Replace switch (professional service); Replace carbon brushes (professional service).
Excessive sparking at motor.	Worn carbon brushes; Dirty commutator.	Replace carbon brushes (professional service); Clean commutator (professional service).
Tool overheats.	Blocked ventilation slots; Overloading the tool.	Clean ventilation slots; Reduce pressure and allow tool to cool.
Disc wobbles or vibrates excessively.	Improperly mounted disc; Damaged disc; Worn spindle.	Re-mount disc correctly; Replace disc; Contact service for spindle inspection.

## 8. SPECIFICATIONS

Key technical specifications for the Bosch Professional Angle Grinder GWS 750-115:

- **Manufacturer:** Bosch
- **Model Number:** GWS 750-115
- **Item Weight:** 794 g
- **Product Dimensions:** 12 x 36.2 x 12 cm
- **Color:** Blue
- **Material:** Plastic, Metal
- **Power Source:** Corded Electric
- **Voltage:** 220 Volts
- **Wattage:** 750 watts
- **Included Components:** Auxiliary handle, Protective guard
- **Disc Diameter:** 115 mm
- **Country of Origin:** China

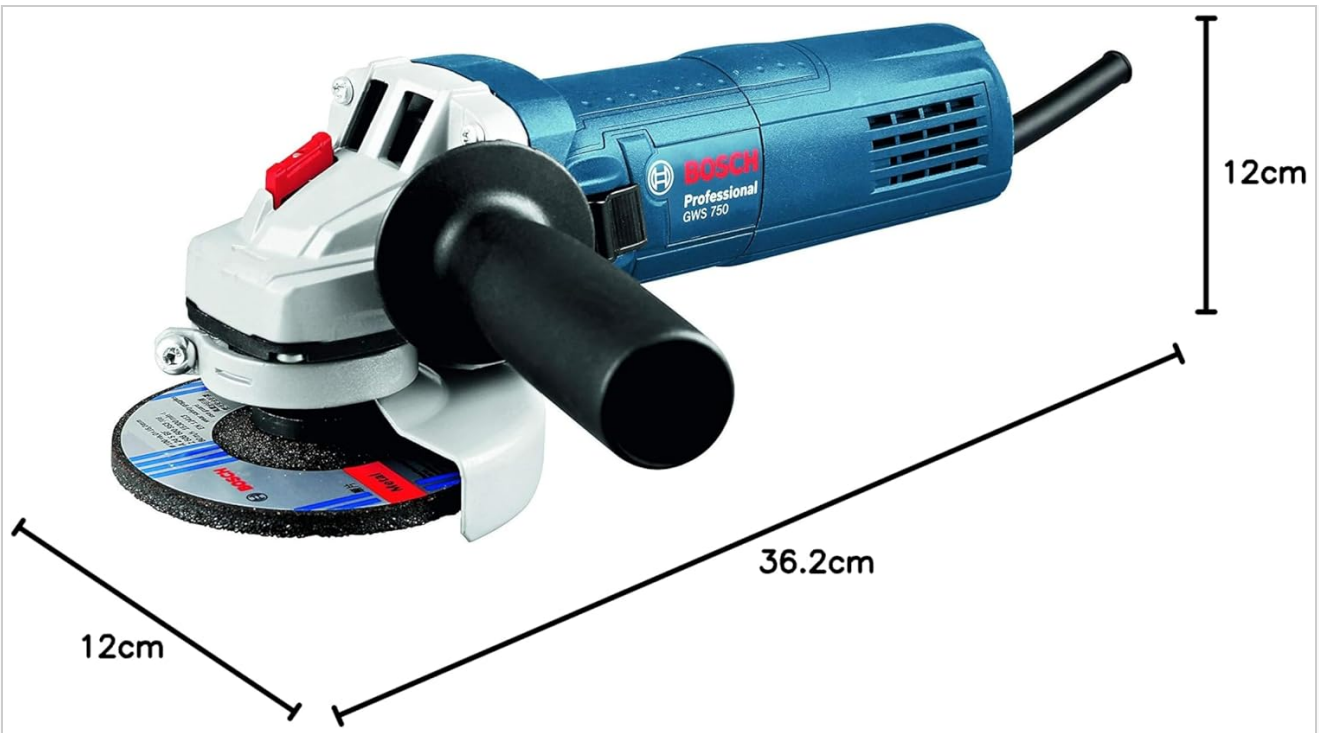


Image: Diagram showing the key dimensions of the Bosch GWS 750-115 angle grinder, including length, width, and height.

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Bosch website. In case of technical issues or for professional service, please contact Bosch customer support or an authorized service center.

**Bosch Customer Service:** Please refer to the contact details provided in your product packaging or on the official Bosch website for your region.

**Online Resources:** For additional information, FAQs, and product registration, visit [www.bosch-professional.com](http://www.bosch-professional.com).