

Bosch 06018G10F0

Bosch Professional GWS 30-230 B Large Angle Grinder User Manual

Model: 06018G10F0

1. SAFETY INSTRUCTIONS

Always observe general power tool safety warnings and instructions provided in the full manual. Failure to follow these warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including safety glasses, hearing protection, dust mask, heavy-duty gloves, and protective clothing, especially when grinding or cutting.
- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Ensure the power cord is undamaged and suitable for the power supply. Avoid body contact with earthed or grounded surfaces.
- **Tool Specific Safety Features:** This angle grinder is equipped with advanced safety features including **KickBack Control**, **Soft Start**, **Restart Protection**, and an integrated **braking system**. The **LED tool-status indicator** provides real-time operational status.
- **Vibration Control:** The integrated Vibration Control system helps prevent long-term damage to hands during extended use.

2. PRODUCT OVERVIEW

2.1 Components Included

The Bosch Professional GWS 30-230 B Large Angle Grinder package typically includes the following:

- 1 x GWS 30-230 B Large Angle Grinder
- Auxiliary Handle
- Protective Guard
- Clamping Flange

- Lock Nut
- Spanner Wrench



Image 1: The Bosch Professional GWS 30-230 B Large Angle Grinder, its packaging, and standard accessories including the auxiliary handle, protective guard, clamping flange, lock nut, and spanner wrench.

2.2 Key Features

- **Powerful Motor:** Equipped with a 2,800 W brushless motor for high material removal rates.
- **Enhanced Safety:** Features KickBack Control, Soft Start, Restart Protection, and a braking system for user safety.
- **Reduced Vibration:** Vibration Control technology minimizes hand fatigue and long-term injury risk.
- **Durability & Efficiency:** Designed for low maintenance and reduced tool downtime, ensuring consistent performance.
- **Status Indicator:** An LED indicator provides clear feedback on the tool's operational status.



Image 2: Side view of the Bosch Professional GWS 30-230 B Large Angle Grinder illustrating its approximate dimensions: length 524 mm, width 334 mm, and height 139 mm.

3. SETUP

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 Attaching the Auxiliary Handle

1. Screw the auxiliary handle securely into one of the designated mounting holes on the gear head.
2. Ensure the handle is tightened firmly to prevent movement during operation.

3.3 Mounting the Grinding Disc and Guard

1. Ensure the tool is unplugged from the power source.
2. Attach the protective guard to the tool's collar. Adjust its position to provide maximum protection for the operator.
3. Place the clamping flange onto the spindle.
4. Position the grinding disc onto the clamping flange, ensuring it sits flush.
5. Screw the lock nut onto the spindle. Use the provided spanner wrench to tighten the lock nut firmly while pressing the spindle lock button.
6. Verify that the disc is securely mounted and the guard is correctly positioned before connecting to power.

4. OPERATING INSTRUCTIONS

4.1 Before Operation

- Always inspect the grinding disc for damage or cracks before each use. Replace damaged discs immediately.
- Ensure the work piece is securely clamped or stable to prevent movement during operation.
- Confirm all safety guards and handles are correctly installed and tightened.

4.2 Switching On/Off

- **Switching On:** Press and hold the lock-off button (if present), then press the ON/OFF switch. The Soft Start feature will ensure a gradual increase in speed.
- **Switching Off:** Release the ON/OFF switch. The integrated braking system will quickly stop the disc rotation.

4.3 Grinding Techniques

- Apply light, even pressure. Do not force the tool, allow the disc to do the work.
- Maintain a consistent angle between the disc and the work surface for optimal results and disc longevity.
- Move the grinder smoothly across the work piece to prevent gouging and ensure an even finish.

4.4 Safety During Operation

Always maintain a firm grip on the tool with both hands. Be aware of sparks and debris, directing them away from yourself and others. Ensure proper ventilation in the work area.



Image 3: A worker demonstrating safe operation of the Bosch Professional GWS 30-230 B Large Angle Grinder, wearing a hard hat, face shield, respirator, hearing protection, protective clothing, and gloves. Sparks are visible during the grinding process.



Image 4: A worker safely operating the Bosch Professional GWS 30-230 B Large Angle Grinder on a curved metal surface, highlighting the tool's versatility and the importance of consistent safety practices.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Bosch Professional GWS 30-230 B Large Angle Grinder. This tool is designed for low maintenance and reduced downtime.

5.1 Cleaning

- Always unplug the tool before cleaning.
- Regularly clean the ventilation slots to prevent overheating. Use compressed air to blow out dust and debris.
- Wipe the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

5.2 Storage

- Store the angle grinder in a dry, secure location, out of reach of children.
- Protect the power cord from damage during storage.

5.3 Service and Repair

Internal components and electrical parts should only be serviced by qualified personnel. Unauthorized repairs can void the warranty and pose safety risks. Refer to the 'Warranty and Support' section for service contact information.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your angle grinder. For problems not listed here, or if solutions do not resolve the issue, contact customer support.

- **Tool Does Not Start:** Check the power connection. Ensure the ON/OFF switch is fully engaged. The Restart Protection feature may be active if power was interrupted; cycle the power switch.
- **Reduced Performance:** Inspect the grinding disc for wear or damage. Ensure the ventilation slots are clear of debris.
- **Excessive Vibration:** Check if the grinding disc is properly mounted and balanced. Ensure the auxiliary handle is securely tightened.
- **Overheating:** Clean the ventilation slots. Avoid continuous heavy-duty operation without breaks.

7. SPECIFICATIONS

7.1 Technical Data

Brand	Bosch
Model Number	06018G10F0
Product Name	GWS 30-230 B Large Angle Grinder
Power Source	Corded Electric
Motor Wattage	2800 W
Item Weight	5.59 Kilograms (5 kg 590 g)
Product Dimensions (LxWxH)	60 x 19 x 13 cm
Country of Origin	China
Included Components	1 x GWS 30-230 B Large Angle Grinder

8. WARRANTY AND SUPPORT

8.1 Customer Support

For any queries, technical assistance, or service requests regarding your Bosch Professional GWS 30-230 B Large Angle Grinder, please contact Bosch Customer Service.

Toll-free Customer Service Number: 1800-425-8665

Please have your model number (06018G10F0) and purchase details ready when contacting support.