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## Bosch Professional GKS 18V-57 G

# Bosch Professional GKS 18V-57 G Cordless Circular Saw User Manual

Model: GKS 18V-57 G | Part Number: 06016A2101

## 1. INTRODUCTION

This user manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Bosch Professional GKS 18V-57 G Cordless Circular Saw. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.



Figure 1.1: Bosch Professional GKS 18V-57 G Cordless Circular Saw with L-Boxx for storage and transport.

## 2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of electric shock, fire, and serious injury.

### 2.1 General Power Tool Safety Warnings

- **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:** Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Dress properly. Do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

## 2.2 Circular Saw Specific Safety

- **Hold the tool firmly:** Always hold the circular saw with both hands during operation.
- **Maintain proper footing and balance:** This enables better control of the power tool in unexpected situations.
- **Keep hands away from cutting area and the blade:** Do not reach underneath the workpiece.
- **Check the lower guard for proper closing before each use:** If the lower guard does not close freely and quickly, do not operate the saw.
- **Use sharp and correct saw blades:** Dull or improperly set blades cause excessive friction, binding, and kickback.
- **Electric Brake Function:** The integrated electric brake function ensures safe operation by quickly stopping the blade upon release of the trigger.

## 2.3 Battery Safety

- Use only battery packs specified by the manufacturer.
- Recharge only with the charger specified by the manufacturer.
- Do not open, disassemble, or short-circuit battery packs.
- Protect battery packs from heat and fire.

## 3. COMPONENTS AND FEATURES

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The Bosch Professional GKS 18V-57 G Cordless Circular Saw is designed for efficient and precise cutting of wood materials. Key components and features include:

- **Powerful 18V Motor:** Ensures rapid work progress.
- **Right-Sided Saw Blade:** Optimized for visibility and control for right-handed users.
- **Cutting Depth:** Maximum 57 mm.
- **No-Load Speed:** 3,400 min<sup>-1</sup> for efficient cutting.
- **Integrated Electric Brake:** Enhances safety by quickly stopping the blade.
- **Brushless Motor:** Provides increased efficiency and longer tool life.
- **AMPShare Compatibility:** Batteries and chargers are fully compatible with the Bosch Professional 18V System and other AMPShare brands.
- **Included Accessories:** OptilineWOOD circular saw blade, parallel guide, dust extraction adapter, hex key, L-BOXX.



Figure 3.1: Detailed view of the circular saw, highlighting the blade and motor housing.



Figure 3.2: Illustration of AMPShare battery system compatibility across multiple brands.

## 4. SETUP

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Before operating the circular saw, ensure it is properly set up and all safety measures are in place.

### 4.1 Battery Installation

The GKS 18V-57 G is sold without a battery and charger. Ensure you use a compatible Bosch Professional 18V System battery. To install, align the battery pack with the receptacle on the tool and slide it in until it clicks into place. To remove, press the release button and slide the battery out.

### 4.2 Blade Installation and Removal

1. Ensure the battery pack is removed from the tool.
2. Press the spindle lock button to secure the blade.
3. Using the hex key, loosen the blade screw by turning it counter-clockwise.

4. Remove the outer flange and the old blade.
5. Clean the blade flanges.
6. Place the new blade onto the inner flange, ensuring the rotation arrow on the blade matches the arrow on the saw's guard.
7. Replace the outer flange and tighten the blade screw clockwise with the hex key.
8. Release the spindle lock.

### 4.3 Adjusting Cutting Depth and Bevel Angle

- **Cutting Depth:** Loosen the depth adjustment lever, move the base plate to the desired depth indicated on the scale, and tighten the lever.
- **Bevel Angle:** Loosen the bevel adjustment lever, tilt the base plate to the desired angle (up to 45 degrees), and tighten the lever.

### 4.4 Attaching Parallel Guide and Dust Extraction Adapter

- **Parallel Guide:** Slide the parallel guide into the slots on the front of the base plate and secure it with the locking screw for straight cuts.
- **Dust Extraction Adapter:** Attach the dust extraction adapter to the dust port on the saw to connect a vacuum cleaner for cleaner operation.

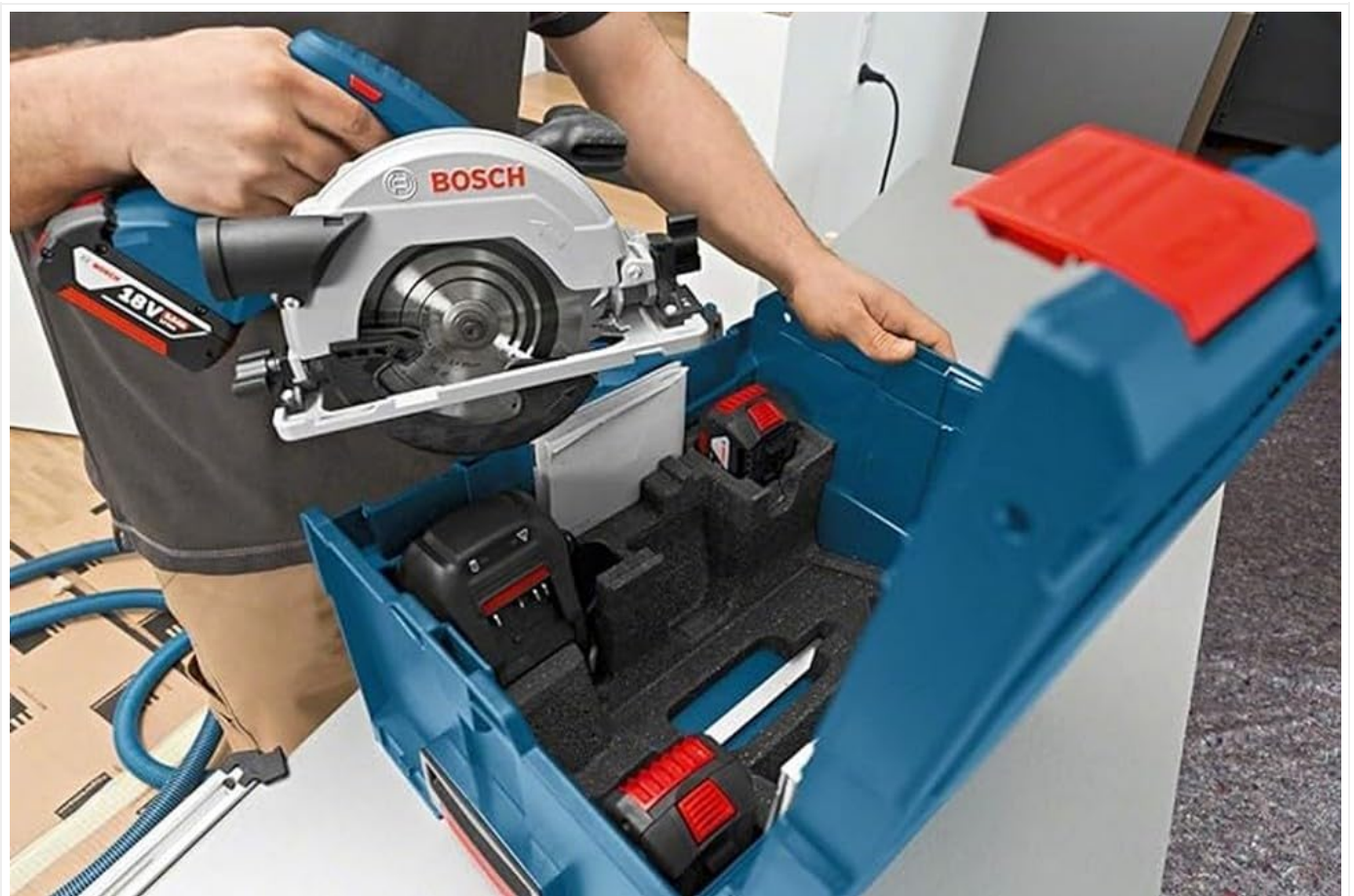


Figure 4.1: The circular saw fits securely into the L-Boxx for organized storage and transport.

## 5. OPERATING

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Follow these guidelines for effective and safe operation of your circular saw.

### 5.1 General Cutting Procedures

1. Secure the workpiece: Always clamp or otherwise secure the material to be cut to prevent movement during operation.
2. Align the saw: Position the saw blade with the cutting line.
3. Start the saw: Press the trigger switch. Allow the blade to reach full speed before beginning the cut.
4. Begin the cut: Guide the saw smoothly through the material, maintaining a consistent feed rate. Do not force the saw.
5. Complete the cut: Once the cut is complete, release the trigger switch. The electric brake will stop the blade quickly. Wait for the blade to stop completely before lifting the saw from the workpiece.



Figure 5.1: Proper technique for cutting a large wooden panel with the circular saw.

## 5.2 Material Considerations

This circular saw is primarily designed for cutting wood. Ensure the correct blade (OptilineWOOD is included) is used for the specific type of wood (e.g., softwood, hardwood, plywood) to achieve optimal results and prevent blade damage.



Figure 5.2: Demonstrating the saw's capability to cut through thicker wood sections.



Figure 5.3: The saw in action, producing sawdust during a cut on a wooden plank.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your circular saw.

- **Cleaning:** After each use, clean the tool, especially the ventilation slots and the blade guard, to prevent sawdust buildup. Use a soft brush or compressed air. Do not use water or chemical cleaners.
- **Blade Care:** Inspect the saw blade regularly for sharpness and damage. Replace dull or damaged blades promptly. Keep blades clean and free of resin buildup.
- **Battery Care and Storage:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods.
- **General Inspection:** Periodically check all screws and fasteners for tightness. Ensure all moving parts operate smoothly.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your circular saw.

Problem	Possible Cause	Solution
Saw does not start.	Battery not charged or improperly inserted.	Ensure battery is fully charged and correctly seated.
Poor cutting performance / Blade binding.	Dull or incorrect blade; improper cutting depth; material too thick.	Replace blade; adjust cutting depth; use appropriate blade for material; do not force the saw.
Excessive vibration.	Damaged blade; loose blade screw; worn components.	Inspect and replace blade if damaged; tighten blade screw; if problem persists, seek professional service.
Motor overheating.	Overloading the tool; blocked ventilation slots.	Reduce load; clear ventilation slots; allow tool to cool down.

## 8. SPECIFICATIONS

<b>Brand</b>	Bosch Professional
<b>Model</b>	GKS 18V-57 G
<b>Part Number</b>	06016A2101
<b>Power Source</b>	Battery Powered (18 Volts)
<b>No-Load Speed</b>	3,400 min <sup>-1</sup>
<b>Blade Diameter</b>	165 mm
<b>Max. Cutting Depth (90°)</b>	57 mm
<b>Special Feature</b>	Brushless Motor, Electric Brake
<b>Item Weight</b>	5.7 kg (12.54 lbs)
<b>Included Components</b>	OptilineWOOD circular saw blade, parallel guide, dust extraction adapter, hex key, L-BOXX

## 9. WARRANTY AND SUPPORT

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For detailed warranty information, please refer to the warranty card included with your product or visit the official Bosch Professional website. For technical support, spare parts, or service inquiries, please contact Bosch Professional customer service in your region.

*Note: This manual is intended as a guide. Bosch Professional reserves the right to make changes to the product and specifications without prior notice.*

