

Black & Decker CHS6000

Black & Decker CHS6000 6-Volt Handisaw Cordless Powered Hand Saw User Manual

INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your Black & Decker CHS6000 6-Volt Handisaw. The CHS6000 is a cordless, portable hand saw designed for cutting various materials including wood, metal, drywall, and plastic. It features a 6-volt battery, tool-free blade changes, and accepts standard jigsaw blades.

IMPORTANT SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools. Read and understand all instructions before use.

- **Read All Instructions:** Familiarize yourself with the tool's operation and safety guidelines.
- **Wear Eye Protection:** Always wear safety goggles or safety glasses with side shields.
- **Keep Work Area Clean:** Cluttered areas invite accidents.
- **Avoid Dangerous Environments:** Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.
- **Keep Children Away:** All visitors should be kept at a safe distance from the work area.
- **Dress Properly:** Do not wear loose clothing or jewelry. Contain long hair.
- **Secure Workpiece:** Use clamps or a vise to hold the workpiece. This is safer than using your hand and it frees both hands to operate the tool.
- **Do Not Overreach:** Keep proper footing and balance at all times.
- **Maintain Tools With Care:** Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories.
- **Disconnect Tools:** Disconnect the tool from the charger before making any adjustments, changing accessories, or storing.
- **Avoid Unintentional Starting:** Ensure the switch is in the off position before connecting to the

charger.

- **Check for Damaged Parts:** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
- **Use Right Tool:** Do not force small tool or attachment to do the job of a heavy duty tool.
- **Use Only Recommended Accessories:** Consult the owner's manual for recommended accessories.
- **Never Use for Plastic Pipe:** This tool is not designed for cutting plastic pipe.

PRODUCT COMPONENTS

The Black & Decker CHS6000 Handisaw consists of several key parts designed for efficient and safe operation. Refer to the image below for a visual representation of the tool.



Image: The Black & Decker CHS6000 6-Volt Handisaw, showing its red and black body, blade, and handle.

- **Saw Body:** The main housing of the tool, containing the motor and battery.
- **Blade Clamp:** Mechanism for securing the saw blade.
- **Saw Blade:** Interchangeable blade for cutting various materials. The product includes a wood cutting blade and a metal cutting blade.
- **Trigger Switch:** Activates the saw when pressed.
- **Lock-Off Button:** A safety feature that prevents accidental starting.
- **Handle:** Ergonomically designed for grip and control.
- **Battery:** Integrated 6-volt rechargeable battery.
- **Wall-Mountable Charger:** For recharging the tool's battery.

SETUP

Charging the Battery

The CHS6000 Handisaw is powered by an integrated 6-volt battery. Before first use, and after each use, ensure the battery is fully charged to maximize performance and battery life.

1. Connect the wall-mountable charger to a standard electrical outlet.
2. Insert the saw into the charger. Ensure it is securely seated.
3. Allow the saw to charge for the recommended duration as indicated in the charger's instructions. A full charge typically takes several hours.
4. The charger may have an indicator light to show charging status. Refer to the charger's specific instructions for details.

Blade Installation and Removal

The CHS6000 features a tool-free blade change system, allowing for quick and easy blade replacement. Always ensure the saw is disconnected from the charger before changing blades.

1. **To Remove a Blade:** Grasp the blade firmly and pull it straight out from the blade clamp. If the blade is hot from use, allow it to cool or use protective gloves.
2. **To Install a Blade:** Select the appropriate standard jigsaw blade for your material. Insert the shank of the blade into the blade clamp opening until it clicks into place. Gently pull on the blade to ensure it is securely seated.

Note: The saw accepts standard jigsaw blades. Ensure the blade type is suitable for the material you intend to cut.

OPERATING INSTRUCTIONS

General Operation

1. **Grip:** Hold the saw firmly with one hand, ensuring a stable grip on the handle.
2. **Starting the Saw:** Press the lock-off button (if present) and then squeeze the trigger switch to start the saw. Release the trigger to stop the saw.
3. **Positioning:** Place the shoe of the saw flat against the workpiece before starting the cut.
4. **Cutting:** Allow the blade to reach full speed before engaging the material. Apply steady, even pressure. Do not force the saw.

Cutting Techniques

The CHS6000 Handisaw is versatile for various materials. Always use the correct blade for the material being cut.

- **Wood:** Use a wood cutting blade. For thicker wood (up to 1 inch), allow the saw to work at its own pace.
- **Metal:** Use a metal cutting blade. Apply light pressure and consider using cutting oil for harder metals to prolong blade life.
- **Drywall/Plastic:** Use an appropriate blade for these softer materials. The saw can make quick work of PVC pipes, vinyl gutters, and wallboard.
- **General Advice:** Avoid cutting materials thicker than the saw's capacity. Ensure the workpiece is stable and secured.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Handisaw.

Cleaning

- After each use, wipe the tool with a clean, damp cloth.
- Remove any sawdust or debris from the blade clamp area and ventilation slots using a soft brush or compressed air.
- Do not use harsh chemicals or abrasive cleaners.

Blade Care

- Inspect blades before each use for sharpness and damage. Replace dull or damaged blades immediately.
- Store blades in a dry place to prevent rust.

Battery Care

- Always fully charge the battery before storing the tool for extended periods.
- Store the tool and charger in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not attempt to open or repair the battery pack.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Black & Decker CHS6000 Handisaw.

Problem	Possible Cause	Solution
Saw does not start	Battery is not charged Lock-off button not pressed Faulty switch	Charge the battery fully Ensure lock-off button is pressed before trigger Contact customer support
Reduced cutting performance	Dull or incorrect blade Low battery charge Overheating	Replace blade or use correct type for material Recharge battery Allow tool to cool down
Blade vibrates excessively	Blade not properly installed Damaged blade	Ensure blade is securely seated in clamp Replace with a new, undamaged blade
Battery not charging	Charger not plugged in Faulty charger or battery	Check power connection Contact customer support for replacement

SPECIFICATIONS

Technical specifications for the Black & Decker CHS6000 6-Volt Handisaw.

Feature	Detail
Model Number	CHS6000

Feature	Detail
Power Source	Battery Powered
Voltage	6 Volts
Strokes Per Minute (SPM)	1,850 SPM
Stroke Length	1/2 inch
Blade Type	Standard Jigsaw Blades
Weight	1.11 kg (2.45 lbs)
Dimensions (L x W x H)	35.89 x 9.83 x 4.45 cm
Included Components	Handisaw, Wood Cutting Blade, Metal Cutting Blade, Wall-Mountable Charger

WARRANTY AND SUPPORT

The Black & Decker CHS6000 6-Volt Handisaw comes with a **Two Year Warranty** from the date of purchase. This warranty covers defects in material or workmanship.

For warranty claims, technical assistance, or to purchase replacement parts, please contact Black & Decker customer support. Keep your proof of purchase for warranty validation.

For further information, you may visit the official Black & Decker website or contact their customer service department directly.