

## Ingco CHTLI20018

# INGCO 20V Lithium-Ion Cordless Hedge Trimmer CHTLI20018 User Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your INGCO 20V Lithium-Ion Cordless Hedge Trimmer, model CHTLI20018. Please read this manual thoroughly before using the tool and retain it for future reference.

The INGCO CHTLI20018 is designed for trimming hedges, shrubs, and bushes in domestic garden environments. It features a 460mm laser-cut blade and is powered by a 20V Lithium-Ion battery (sold separately), offering cordless convenience.

## 2. GENERAL SAFETY INSTRUCTIONS

**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.**

- **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. Keep children and bystanders away while operating a power tool.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection and hearing protection. Wear heavy-duty gloves, non-slip safety footwear, and long trousers. Do not overreach. Maintain proper footing and balance at all times. Dress properly; do not wear loose clothing or jewelry.
- **Power 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. Store idle power tools out of the reach of children.
- **Hedge Trimmer Specific Safety:**
  - Keep all parts of the body away from the cutter blade. Do not attempt to remove cut material or hold material to be cut when blades are moving.
  - Carry the hedge trimmer by the handle with the cutter blade stopped and taking care not to operate any power

switch.

- Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring.
- Before starting, ensure the blade guard is securely in place.
- Inspect the hedge for foreign objects such as wires or fences before trimming.

### 3. PRODUCT OVERVIEW

Familiarize yourself with the components of your INGCO CHTLI20018 Hedge Trimmer.



**Image 1:** The INGCO 20V Lithium-Ion Cordless Hedge Trimmer CHTLI20018. This image shows the main unit of the hedge trimmer, featuring its yellow and black design, the long cutting blade, and the protective blade sheath. The handle and trigger mechanism are clearly visible, along with the slot for the 20V battery (battery not included).

1. Front Handle
2. Safety Switch
3. Main Handle
4. Trigger Switch
5. Battery Pack Slot (Battery sold separately)
6. Blade
7. Blade Guard
8. Hand Guard



**Image 2:** Top view of the INGCO CHTLI20018 hedge trimmer handle. This image highlights the ergonomic design of the main handle and the front handle, showing the placement of the safety switch and the main trigger switch for operation.

## 4. SETUP AND ASSEMBLY

The INGCO CHTLI20018 is designed for quick setup. Please ensure you have a compatible INGCO 20V Lithium-Ion battery and charger (both sold separately) before proceeding.

### 4.1. Battery Installation

1. Ensure the hedge trimmer is switched off.
2. Align the fully charged 20V Lithium-Ion battery pack with the battery slot on the trimmer.
3. Slide the battery pack into the slot until it clicks securely into place.
4. To remove the battery, press the release button on the battery pack and slide it out.

### 4.2. Blade Guard

The hedge trimmer comes with a blade guard for protection during storage and transport. Always ensure the blade guard is removed before operation and re-installed immediately after use.



**Image 3:** The INGCO CHTLI20018 hedge trimmer with its protective blade guard in place. This guard covers the sharp cutting teeth, ensuring safety when the tool is not in use or during transport.

## 5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your hedge trimmer.

### 5.1. Pre-Operation Checklist

- Ensure the battery is fully charged and securely installed.
- Inspect the blade for damage or wear.
- Check that all handles and guards are securely fastened.
- Clear the work area of any debris, obstacles, or hidden wires.
- Wear appropriate personal protective equipment (PPE): safety glasses, hearing protection, gloves, long trousers, and sturdy footwear.

### 5.2. Starting and Stopping the Trimmer

1. To start: Press and hold the safety switch (usually located on the front handle) with one hand, then squeeze the trigger switch on the main handle with the other hand. The blades will begin to move.
2. To stop: Release the trigger switch. The blades will stop moving.

### 5.3. Trimming Techniques

- **General Trimming:** Hold the trimmer firmly with both hands. Use a sweeping motion, moving the trimmer along the hedge. For best results, cut in small sections.
- **Horizontal Trimming:** Hold the trimmer with the blade slightly angled upwards (about 10-15 degrees) to achieve a clean, level cut.
- **Vertical Trimming:** Move the trimmer upwards or downwards along the side of the hedge, ensuring a consistent cutting line.
- **Cutting Capacity:** The INGCO CHTLI20018 can cut branches up to 18mm in diameter. Do not attempt to cut

thicker branches, as this can damage the blade or motor.



**Image 4:** The INGCO CHTLI20018 hedge trimmer being used to trim a hedge in a garden setting. This image illustrates the tool's application and highlights its double-blade moving action for efficient cutting.

## 6. MAINTENANCE AND STORAGE

Proper maintenance ensures the longevity and optimal performance of your hedge trimmer.

### 6.1. Cleaning

- Always remove the battery pack before cleaning.
- Use a stiff brush or a damp cloth to remove sap, leaves, and debris from the blades and housing.
- Do not use solvents or abrasive cleaners, as these can damage plastic parts.

### 6.2. Blade Care

- After each use, apply a light coat of machine oil or blade lubricant to the blades to prevent rust and ensure smooth operation.
- Periodically check the blades for sharpness. Dull blades can tear foliage and strain the motor. Sharpening should be done by a qualified service technician.

### 6.3. Storage

- Ensure the blade guard is securely in place before storing.
- Store the hedge trimmer in a dry, secure location, out of reach of children and away from direct sunlight or extreme temperatures.
- Remove the battery pack if storing for extended periods.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your hedge trimmer.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not installed correctly or discharged. Safety switch not engaged.	Ensure battery is fully charged and properly seated. Press and hold the safety switch before squeezing the trigger.
Blades cut poorly or jam	Dull blades. Excessive branch thickness. Debris caught in blades.	Clean and lubricate blades. Do not attempt to cut branches thicker than 18mm. Remove debris with the tool switched off and battery removed. Sharpen blades if necessary (professional service recommended).
Excessive vibration	Damaged or bent blade. Loose components.	Inspect blades for damage. Tighten any loose screws. If vibration persists, discontinue use and contact customer support.

## 8. TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the INGCO CHTLI20018 Hedge Trimmer.

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## Battery and charger sold separately

Image 5: Detailed view of the INGCO CHTLI20018 hedge trimmer highlighting key specifications such as the 460mm blade length and 18mm maximum cutting diameter. It also indicates the "Laser Cut Blade" feature and explicitly states "Battery and charger sold separately."

- **Model:** CHTLI20018
- **Voltage:** 20V
- **Blade Length:** 460mm
- **Max Cutting Diameter:** 18mm
- **No-load Speed:** 2800spm (strokes per minute)
- **Blade Type:** Laser Cut, Double Blade Moving
- **Power Source:** Battery Powered (Battery and charger sold separately)
- **Weight:** Approximately 209 g (tool only, without battery)
- **Dimensions:** 10 x 20 x 37 cm (Product dimensions as listed, likely packaging or overall tool size)
- **Material:** Stainless Steel (Blade)

## 9. WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the warranty card included with your product or contact INGCO customer service directly. Keep your purchase receipt as proof of purchase.

Extended warranty options may be available from third-party providers. Please check with your retailer for details.

