

## Protmex PTX-8IN

# Protmex 2-in-1 Cordless Pole Saw & Mini Chainsaw

Model: PTX-8IN

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Protmex 2-in-1 Cordless Pole Saw and Mini Chainsaw. Please read this manual thoroughly before initial use and keep it for future reference.



Image: The Protmex 2-in-1 Cordless Pole Saw and Mini Chainsaw, showcasing its dual functionality and included accessories such as batteries, charger, safety glasses, and gloves.

## SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury or property damage.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection.
- Ensure the work area is clear of bystanders, especially children and pets.
- Inspect the tool before each use for any damage or loose parts.
- Keep hands and feet away from the chain when the tool is in operation.
- Utilize the safety button to prevent accidental activation.
- Do not operate the tool in wet conditions or near flammable liquids/gases.
- Always remove the battery before performing any maintenance, cleaning, or when storing the tool.



Image: Visual representation of key safety features including the strap design, sponge handle, wood chip guard, tool-free chain adjustment, safety button, and auto cooling system.

## SETUP

### 1. Unpacking and Component Identification

Carefully remove all components from the packaging. Verify that all parts are present and undamaged.

**2X4000mAh** / **21V BATTERY**  
**2H FAST CHARGE**



**UP TO 100 CUTS PER CHARGE**  
**ON 4X4 INCH PRESSURE TREATED WOOD**

Image: All components of the Protmex 2-in-1 Cordless Pole Saw and Mini Chainsaw laid out, including the main unit, pole extension, batteries, charger, and protective gear.

## 2. Battery Charging and Installation

The unit comes with two 4.0Ah 21V batteries. Fully charge both batteries before first use. Insert a charged battery into the tool's battery slot until it clicks into place.



Image: A detailed view of the 2x4000mAh 21V Lithium-Ion battery, highlighting its capacity and fast charge capability.

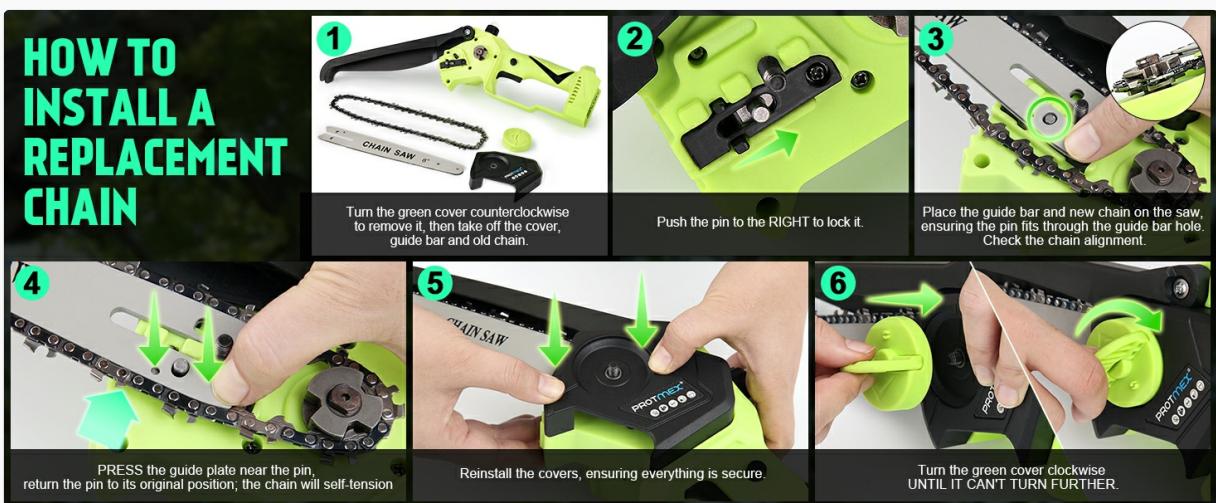


Image: Two 4.0Ah batteries and the charger, emphasizing larger capacity and longer run time with 2-hour fast charge.

### 3. Assembling the Pole Saw

- 1. Attach the Chainsaw Head:** Align the chainsaw head with the pole extension and push firmly until it locks into place.

2. **Adjust Pole Height:** Extend the pole to your desired length (4.2-7.8ft) and secure the clamps. The maximum total working length can reach 15ft (based on a 6ft person holding the pole in a straightened position at shoulder level, 60 degrees from ground).

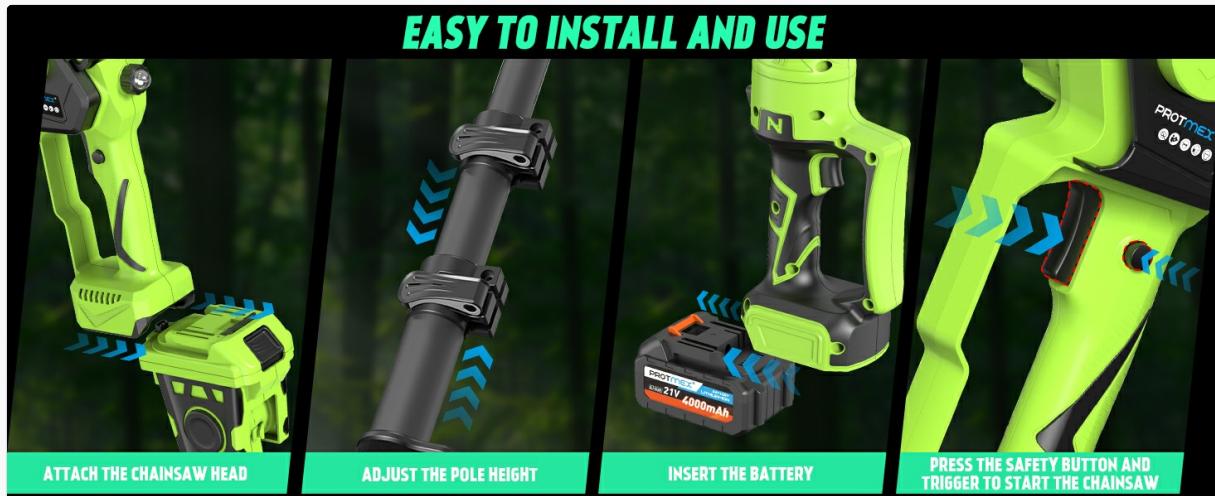


Image: Step-by-step guide showing how to attach the chainsaw head, adjust pole height, insert the battery, and press the safety button and trigger to start the chainsaw.



Image: Illustration demonstrating the adjustable pole length (5.7ft to 9.2ft, up to 15ft total working length) and the 0-180

degree adjustable cutting angles.

#### 4. Chain Tension Adjustment

The pole saw features a tool-free chain tensioning system. Before each use, check the chain tension. If loose, adjust it with a simple twist of the knob. Ensure the knob is turned clockwise after adjustment to secure it and prevent loosening during use.



Image: Close-up of the tool-free adjustment knob for chain tensioning, showing how to loosen, adjust, and tighten the chain.

## HOW TO ADJUST CHAIN TENSION



Image: Detailed steps for installing a replacement chain and adjusting its tension, including turning the green cover, pushing the pin, placing the guide bar, and tightening the cover.

## 5. Automatic Oil System

The chainsaw is equipped with an automatic oil lubrication system. Ensure the oil reservoir is filled with appropriate chain oil before operation. This system ensures smooth cutting and reduces maintenance.



Image: A visual of the automatic oil system, showing oil being poured into the reservoir for continuous lubrication during

operation.

## OPERATING INSTRUCTIONS

### 1. Starting the Tool

To start the chainsaw, first press the safety button, then pull the trigger. Release the trigger to stop the tool.

### 2. Using as a Pole Saw

For high branches, attach the chainsaw head to the extendable pole. Adjust the pole length and the cutting angle (0-180 degrees) to safely reach and cut branches from the ground. The tool is designed for effortless control with rubber-coated handles and an adjustable shoulder strap.



Image: A user operating the tool in pole saw configuration to trim high branches, demonstrating its extended reach and 2-in-1 functionality.

## TREE PRUNING



Image: The pole saw being used for tree pruning, showing its effectiveness in reaching and cutting overhead branches.

### 3. Using as a Mini Chainsaw

Detach the chainsaw head from the pole for ground-level tasks or smaller branches. The mini chainsaw is lightweight (3.3 lbs) and easy to handle, making it suitable for various cutting needs.

## LAWN TRIMMING



Image: The mini chainsaw being used for trimming tasks, demonstrating its versatility for ground-level work.

# WOOD CUTTINGS



Image: The mini chainsaw cutting through wood, illustrating its power and efficiency for various wood cutting applications.

## 4. Cutting Techniques

- Always ensure a stable footing and balance before cutting.
- Allow the saw to reach full speed before engaging the chain with the material.
- Do not force the saw; let the chain do the work.
- Be aware of kickback and falling branches.

## MAINTENANCE

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

- **Chain Lubrication:** The automatic oil system will lubricate the chain during operation. Regularly check the oil level and refill as needed with suitable chain oil.
- **Chain Tension:** Check chain tension before each use and adjust if necessary to prevent loosening.
- **Cleaning:** After each use, clean the tool, especially the chain and guide bar, to remove sawdust and debris. Ensure the battery is removed before cleaning.
- **Storage:** Store the tool in a dry, secure place, out of reach of children. Remove batteries for long-term storage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted; Safety button not pressed; Trigger not pulled.	Ensure battery is fully charged and correctly inserted. Press safety button then pull trigger.

Problem	Possible Cause	Solution
Chain loosens frequently	Improper chain tensioning; Worn chain.	Adjust chain tension correctly (turn knob clockwise to secure). Inspect chain for wear and replace if necessary.
Reduced cutting performance	Dull chain; Insufficient lubrication; Overheating.	Sharpen or replace chain. Check oil reservoir and refill. Allow tool to cool down if overheated.

## SPECIFICATIONS

**Model:** PTX-8IN

**Power Source:** Battery Powered

**Motor:** Brushless, 900 Watts

**Battery:** 2 x 21V 4.0Ah Lithium-Ion

**Chain Speed:** 0-10 m/s

**Bar Length:** 8 inches

**Pole Extension:** 4.2 - 7.8 ft (Max total working length: 15 ft)

**Product Weight:** 7.5 lbs (overall)

**Mini Chainsaw Weight:** 3.3 lbs

**Product Dimensions:** 5" L x 5" W x 15" H (compacted)

## WARRANTY AND SUPPORT

Protmex offers 3 years of after-sales support for this product. For any concerns or assistance, our customer service is available 24/7. Please refer to your purchase documentation for specific warranty terms and contact information.

You can also visit the official Protmex Store for more information: [Protmex Store](#)



Image: Protmex brand logo, slogan, and an icon representing 24/7 customer service.