

## YARD FORCE LSC21P-JP

# YARD FORCE 3m Cordless High Branch Electric Reciprocating Saw Light LSC21P-JP User Manual

Model: LSC21P-JP | Brand: YARD FORCE

## 1. IMPORTANT SAFETY INSTRUCTIONS

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.

- **Wear appropriate personal protective equipment (PPE):** Always use safety glasses, a face shield, gloves, and sturdy footwear when operating the saw.
- **Keep work area clear:** Ensure the area around the cutting zone is free from bystanders, children, and pets.
- **Inspect the tool before use:** Check for any damaged parts, loose connections, or worn blades. Do not operate a damaged tool.
- **Secure footing:** Maintain proper balance and stable footing, especially when extending the pole for high branches.
- **Avoid power lines:** Never operate the saw near electrical power lines. Contact with power lines can cause severe injury or death.
- **Battery safety:** Use only the specified 24V lithium-ion battery and charger. Do not expose batteries to heat or fire.
- **Proper handling:** Hold the saw firmly with both hands. Use the shoulder belt for better control and reduced fatigue.

## 2. PACKAGE CONTENTS

Verify that all items are present and undamaged upon unpacking.

- YARD FORCE 3m Cordless High Branch Electric Reciprocating Saw Main Unit

- 24V Lithium-ion Battery (x2, one standard, one spare)
- Battery Charger
- Standard Blade (21cm, for branch cutting)
- Bamboo/Hard Branch Blade (30cm, PROSTAR special accessory)
- Shoulder Belt
- Protective Glasses
- Lightweight Fall Object Face Guard (Stainless Mesh)
- Vibration-Reducing Gloves (LL size)
- Japanese Instruction Manual with Warranty Card



Figure 2.1: Complete package contents including the saw, batteries, charger, blades, and safety accessories.



Figure 2.2: Detailed view of standard accessories (top) and PROSTAR special accessories (bottom).

### 3. PRODUCT OVERVIEW

The YARD FORCE LSC21P-JP is a cordless electric reciprocating saw designed for pruning high branches. It features a lightweight design and a powerful 24V battery system.

#### Key Components:

- **Saw Head:** Contains the motor and blade attachment mechanism.
- **Blades:** Two types are included: a 21cm blade for general branch cutting and a 30cm blade for bamboo and harder branches.
- **Extension Pole:** Adjustable length from approximately 162cm to 305cm for reaching various heights.
- **Handle Section:** Features a comfortable grip, safety switch, and battery slot.
- **Angle Adjustment Button:** Allows for 3-stage angle adjustment of the saw head.
- **Battery Indicator:** Displays remaining battery charge.







Figure 3.1: Component diagram of the YARD FORCE LSC21P-JP.

## **4. SETUP**

### **4.1 Charging the Battery**

1. Connect the charger to a standard power outlet.
2. Insert the 24V lithium-ion battery into the charger.
3. The charging indicator on the battery will show the charging status. A full charge takes approximately 80 minutes.
4. Once fully charged, remove the battery from the charger.

### **4.2 Attaching the Blade**

1. Ensure the battery is removed from the saw before attaching or changing blades.
2. Press the blade release button on the saw head.
3. Insert the desired blade (21cm for general branches or 30cm for bamboo/hard branches) into the blade holder until it clicks securely into place.
4. Pull on the blade to ensure it is firmly seated.

**YARD FORCE 3mコードレス高枝電動のこぎりライト**  
**日本の職人も認める伝統の切味をレシプロソーで!**

**兵庫・三木産トリプル3Dブレード刃採用**  
**15cm径太枝切断**



**PROSTARパックなら2種ブレードで樹木竹林お手入れカバー**  
YARDFORCE 標準付属品ブレード(枝切り用)

枝切り用



■ 刃渡り210 mm ■ ピッチ3.00 mm ■ 板厚0.90 mm

PROSTARサービス特典付属品ブレード(竹切り用)

竹切り用



■ 刃渡り210 mm ■ ピッチ2.15 mm ■ 板厚0.80 mm

Figure 4.1: The two types of blades: branch cutting (top) and bamboo/hard branch cutting (bottom).

#### 4.3 Assembling the Pole and Attaching the Battery

1. Connect the extension pole sections by aligning the connectors and pushing them together until the lock engages.
2. Adjust the pole length by loosening the locking mechanism, extending the pole to the desired length (162cm to 305cm), and then tightening the lock.
3. Insert a charged 24V battery into the battery slot on the handle until it clicks.
4. Attach the shoulder belt to the designated points on the pole for comfortable operation and weight distribution.



## 5. OPERATING INSTRUCTIONS

### 5.1 Pre-Operation Checklist

- Ensure all safety gear (face shield, glasses, gloves) is worn.
- Confirm the blade is securely attached.
- Check battery charge level.
- Verify the work area is clear of obstacles and people.

### 5.2 Starting and Stopping the Saw

1. To start, press the safety lock-off button (W-switch) and then squeeze the trigger switch.
2. To stop, release the trigger switch.

### 5.3 Cutting Techniques

- **Positioning:** Stand firmly on the ground. Use the adjustable pole to reach the branch without overextending.
- **Angle Adjustment:** Use the 3-stage angle adjustment to find the optimal cutting angle for the branch.
- **Cutting:** Place the blade against the branch and start the saw. Apply gentle, consistent pressure. Do not force the blade. Allow the saw to do the work.
- **Avoid pinching:** Be aware of the branch's weight and direction of fall to prevent the blade from getting pinched.
- **Large branches:** For thicker branches (up to 15cm diameter), make an undercut first to prevent bark stripping, then cut from the top.



Figure 5.1: Proper operation of the YARD FORCE LSC21P-JP for high branch pruning.

## メーカー標準付属品内容

※画像等転写禁止



24Vリチウムバッテリー

★★★★★



枝切り用  
レシプロソー刃  
(210mm)



保護メガネ



充電器



ショルダーベルト

## PROSTARプレゼントサービス特典付属品

★★★★★



竹切り・硬い枝切り用  
レシプロソー刃  
(210mm)



小枝等の頭上からの落下物から目顔頭を守る  
ステンレス網フェイスガード



24V予備バッテリー

減振グローブ



※画像等転写禁止

**PROSTAR特別パック**

Figure 5.2: Demonstrating the reach and use of the YARD FORCE LSC21P-JP.

## 6. MAINTENANCE



Regular maintenance ensures the longevity and safe operation of your YARD FORCE LSC21P-JP.

- **Cleaning:** After each use, remove the battery and clean the saw head, blade, and pole with a dry cloth. Remove any sawdust or debris.
- **Blade Care:** Inspect blades for sharpness and damage. Replace dull or damaged blades immediately. Apply a thin layer of rust-preventative oil to the blade after cleaning.
- **Battery Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods.
- **General Inspection:** Periodically check all screws, bolts, and connections for tightness.

## 7. TROUBLESHOOTING

If you encounter issues with your YARD FORCE LSC21P-JP, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Saw does not start	Battery not charged or improperly inserted; Safety switch not engaged	Charge battery fully and insert correctly; Press safety lock-off button before squeezing trigger
Reduced cutting performance	Dull or damaged blade; Incorrect blade for material	Replace blade; Ensure correct blade type is used for the branch/material
Saw stops during operation	Battery low; Overload protection activated	Recharge battery; Reduce cutting pressure, allow motor to cool
Excessive vibration	Loose blade; Damaged blade or component	Check blade for secure attachment; Inspect blade and tool for damage and replace if necessary

## 8. SPECIFICATIONS

Feature	Specification
Model Number	LSC21P-JP
Power Source	24V Lithium-ion Battery
Product Dimensions	Approx. 305 x 9 x 15 cm (Length x Width x Height)
Product Weight	Approx. 2.6 kg (main unit)
Adjustable Pole Length	Approx. 162 cm to 305 cm
Blade Length (Standard)	21 cm

Feature	Specification
Blade Length (PROSTAR Special)	30 cm
Stroke Length	20 mm
Stroke Rate	0-2700 strokes/minute
Max. Cutting Diameter	Approx. 15 cm
Battery Charging Time	Approx. 80 minutes (rapid charge)
Continuous Operation Time	Approx. 35 minutes (no-load, per battery)
Materials	Resin, Aluminum, Steel, etc.

## 9. WARRANTY AND SUPPORT

The YARD FORCE LSC21P-JP main unit comes with a **1-year warranty** from the date of purchase, as specified in the included Japanese instruction manual and warranty card.

For warranty claims, technical support, or inquiries regarding replacement parts, please refer to the contact information provided in your warranty documentation or contact the retailer where the product was purchased.

Please retain your proof of purchase for warranty validation.