

## XYIANG DD25A

# XYIANG Electric Strapping Tool DD25A User Manual

## 1. INTRODUCTION AND OVERVIEW

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This manual provides essential instructions for the safe and efficient operation of your XYIANG Electric Strapping Tool, model DD25A. This electric strapping machine integrates tensioning, hot melting, and cutting functions, significantly improving strapping efficiency for various packaging needs.

It is applicable to packaging of food, electronics, toys, hardware tools, cosmetics, medicines, daily necessities, books, electrical appliances, bamboo and wood products, and more.

### Key Features:

- **Multiple Uses:** Suitable for plastic steel strapping and all-plastic PP strapping, ideal for express delivery companies, logistics warehouses, supermarkets, and e-commerce.
- **Integrated Functions:** Made of high-strength aluminum, iron, and plastic, integrating tightening, cutting, and strapping for enhanced efficiency.
- **Powerful Battery:** Equipped with two 4000mAh rechargeable lithium batteries. Each battery can be charged independently and supports 80-200 strapping operations after approximately 100 minutes of charging.
- **Ergonomic Handle:** Designed for comfort, featuring an insulated and non-slip frosted handle for improved grip and friction.
- **High-Quality Motor:** The motor provides a pulling force of up to 5500N, allowing for easy tightening of strapping with a single button press, saving time and effort.

## 2. PRODUCT COMPONENTS

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Familiarize yourself with the main components of the electric strapping tool:

# MAIN COMPONENT NAME



## LCD DISPLAY WELDING TIME

Press The F Key To Display F1 For Binding Force, And Then Press F2 For Fusion Time



## ADJUST THE WELDING TIME AND BINDING FORCE



**Image 2.1: Main Component Diagram.** This image illustrates the various parts of the strapping tool, including the battery box, fusion button, tighten button, LED indicator light, LCD display, anti-slip handle, charging interface, rewind button, tensioning and rewinding parts, side guide device, cover, fusion welding part, and base.

- **Battery Box:** Houses the rechargeable battery.
- **Fusion Button:** Initiates the hot melting process to seal the strap.
- **Tighten Button:** Applies tension to the strapping tape.
- **LED Indicator Light:** Provides status feedback (e.g., charging, operation).
- **LCD Display:** Shows welding time and binding force settings.
- **Anti-Slip Handle:** Provides a secure and comfortable grip.
- **Charging Interface:** Port for connecting the charger.
- **Rewind Button:** Used to retract the strapping tape.
- **Tensioning and Rewinding Parts:** Mechanisms for strap manipulation.
- **Side Guide Device:** Helps align the strapping tape.
- **Cover:** Protects internal components.
- **Fusion Welding Part:** The area where the strap ends are joined by heat.
- **Base:** Provides stability during operation.

## 3. SETUP

### 3.1 Battery Charging

1. Ensure the battery is properly inserted into the battery box or removed for independent charging.
2. Connect the charger to the charging interface on the battery or the tool.

3. Plug the charger into a suitable power outlet. The LED indicator light will show the charging status.
4. Allow approximately 100 minutes for a full charge. A fully charged battery can perform 80-200 strapping operations.
5. Disconnect the charger once charging is complete.

### **3.2 Loading Strapping Tape**

1. Ensure the strapping tape width (13-19mm or 13-25mm) and thickness (0.4-1.2mm) are compatible with the tool.
2. Open the side guide device or cover if necessary.
3. Carefully feed the strapping tape through the designated slot, ensuring it passes under the tensioning and rewinding parts.
4. Ensure the tape is properly aligned within the guide channels.

## **4. OPERATING INSTRUCTIONS**

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Follow these steps for efficient strapping:

# EASY OPERATION

## Operating Instructions For Electric Storage Packaging Machine

This Packaging Machine Breaks The Traditional Closed Structure. Equipped With High-Strength Panels And Friction Fusion Principle, The Packaging Tension Is Strong And The Usage Efficiency Is High.



### PACKAGING BELT

Place The Packaging Head Underneath, Lift The Handle With Your Right Hand, Insert The Packaging Belt, And Release The Handle



### TIGHTEN THE PACKAGING STRAP

Press The Tension Button, And After The Tension Strength Of The Packaging Belt Is Reached, Release The Switch Button



### BONDING OF JOINTS

After Tightening, Press The Fusion Button And Immediately Leave The Hand. Weld The Plastic Steel Strip And Cut Off The Excess Packaging Strip



### REMOVE THE PACKAGING TOOL

Lift The Corresponding Loose Strap On The Handle And Pull The Packaging Machine To The Right Away From The Strap



**Image 4.1: Easy Operation Steps.** This image shows the process from placing the packaging belt, inserting it, tightening the strap, bonding the joints, and finally removing the tool.

## 4.1 Adjusting Welding Time and Binding Force

The LCD display allows for adjustment of welding time and binding force. Press the 'F' key to display F1 for binding force, and then F2 for fusion time. Adjust as needed for your specific strapping material and tension requirements.

## 4.2 Strapping Procedure

1. **Place Packaging Belt:** Place the packaging belt underneath the item to be strapped. Lift the handle with your right hand, insert the packaging belt into the tool, and then release the handle.
2. **Tighten the Packaging Strap:** Press the Tighten Button. The tool will apply tension to the strap. Continue pressing until the desired tension strength is reached, then release the switch button.
3. **Bonding of Joints:** After tightening, press the Fusion Button. The tool will perform a hot melt weld to bond the plastic steel strap. Immediately leave the hand and allow the weld to cool. The tool will cut off the excess packaging strip.
4. **Remove the Packaging Tool:** Lift the corresponding loose strap on the handle and pull the packaging

machine to the right away from the strap.

## 5. MAINTENANCE

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

### 5.1 Cleaning

- Always disconnect the battery before cleaning.
- Use a dry, soft cloth to wipe down the exterior of the tool.
- Periodically clean the fusion welding part to remove any plastic residue that may accumulate. Use a non-abrasive tool if necessary.
- Keep the tensioning and rewinding parts free from dust and debris.

### 5.2 Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not allow batteries to fully discharge for extended periods. Recharge them periodically if not in use.
- Use only the charger provided by the manufacturer.

### 5.3 General Inspection

- Regularly check for any signs of wear or damage to the tool, especially moving parts and the power cord/battery contacts.
- Ensure all screws and fasteners are tight.
- If any damage is found, discontinue use and contact customer support for repair.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your electric strapping tool.

Problem	Possible Cause	Solution
Tool does not power on	Battery not charged or improperly inserted.	Ensure battery is fully charged and correctly seated in the battery box.
Strap not tightening sufficiently	Binding force setting is too low; incorrect strap material or width.	Adjust the binding force setting via the LCD display. Verify strap compatibility.
Strap not welding properly	Welding time setting is too short; welding part is dirty; incorrect strap material.	Increase the welding time setting. Clean the fusion welding part. Ensure strap is suitable for hot melting.
Strap gets stuck or jams	Improper strap loading; debris in guide channels.	Ensure strap is loaded correctly and aligned. Clean guide channels.
Battery not charging	Charger not connected properly; faulty charger or battery.	Check charger connection. Try charging a different battery if available. Contact support if issue persists.

## 7. SPECIFICATIONS

Detailed technical specifications for the XYIANG Electric Strapping Tool DD25A:

# Product Size



**Image 7.1: Product Dimensions.** This image provides the physical measurements of the strapping tool: approximately 32cm (12.6 inches) in length, 17cm (6.7 inches) in height, and 10cm (3.9 inches) in width at the strapping head.

Specification	Value
Product Name	Electric Strapping Machine
Model	DD25A
Battery Voltage	14.8V
Battery Capacity	4000mAh
Tightening Force	60~5500N
Charging Time	Approximately 100 minutes
Strapping Tape Width	13~19mm / 13~25mm

Specification	Value
Strapping Tape Thickness	0.4~1.2mm
Welding Time	Approximately 2~3 seconds
Applicable Strapping Tape	Plastic Steel Tape / All-Plastic PP Tape
Machine Size	35 x 13.5 x 17 cm (13.8 x 5.3 x 6.7 inches)
Machine Weight	4.2 kg (9.26 lbs)
Manufacturer	XYIANG
ASIN	B0DLFWZFVL

## 8. APPLICATION

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The XYIANG Electric Strapping Tool is versatile and suitable for a wide range of industries and packaging needs:

# APPLICATION



**Image 8.1: Diverse Applications.** This image displays the strapping tool being used in various settings, including the paper industry, for steel and aluminum products, plate materials, wooden box packaging, chemical industry, logistics, and building brick packaging.

- Paper Industry
- Steel and Aluminum Industry
- Plate Material Packaging
- Wooden Box Packaging
- Chemical Industry
- Logistics and Warehousing
- Building Material Packaging (e.g., bricks)

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or contact XYIANG customer service directly. Keep your purchase receipt as proof of purchase for

warranty claims.

When contacting support, please have your product model (DD25A) and ASIN (B0DLFWZFVL) readily available.