

## LUBY Sewing Machine

# Luby Sewing Machine User Manual

**Brand:** LUBY

**Model:** Sewing Machine (B07FM2Y2KX)

## 1. INTRODUCTION

The LUBY Mini Sewing Machine is a portable and lightweight device designed for ease of operation and versatility across various sewing materials. It is ideal for small projects, home decor, quilts, curtains, and crafts, allowing users to engage in DIY sewing with convenience.

This machine features 12 built-in stitches, including basic, stretch, decorative, and a 4-step buttonhole stitch, catering to a wide range of sewing needs. Its compact design makes it easy to transport and store, perfect for users with limited space or those who need a machine on the go.



Figure 1.1: Front view of the Luby Sewing Machine, showcasing its compact design and stitch selection dial.

## 2. SAFETY INSTRUCTIONS

To ensure safe operation and prevent injury or damage, please read and adhere to the following safety guidelines:

- Always disconnect the sewing machine from the power outlet when not in use, before cleaning, or when performing maintenance.
- Keep fingers away from the needle, presser foot, hand wheel, and all other moving parts while the machine is operating.
- Never operate the machine with damaged cords or plugs. If the machine is not working properly, has been dropped, or damaged, contact customer support.
- Do not allow children to operate the machine unsupervised. This machine is not a toy.
- Use only the accessories and attachments recommended by the manufacturer.
- Ensure the machine is placed on a stable, flat surface during operation.
- Do not pull on the power cord to disconnect from the outlet; grasp the plug itself.

- Avoid operating the machine in damp or wet conditions.

### 3. PRODUCT OVERVIEW

Familiarize yourself with the main components and features of your Luby Sewing Machine:

- **Stitch Selection Dial:** Allows selection of 12 built-in stitches and a 4-step buttonhole.
- **Hand Wheel:** Manually raises and lowers the needle.
- **Reverse Sewing Lever:** Engages reverse stitching for securing seams.
- **Adjustable Speed Switch:** Controls the sewing speed (350 stitches per minute maximum).
- **Thread Cutter:** Conveniently located for trimming threads after sewing.
- **LED Light:** Illuminates the sewing area for better visibility.
- **Free Arm:** Removable accessory storage that converts to a free arm for sewing cuffs, sleeves, and other small circular items.
- **Upper Thread Tension Control:** Adjusts the tension of the upper thread (settings 0-9).



Figure 3.1: Key controls including Hand Wheel, Reverse Sewing lever, and Adjustable Speed Switch.



**Buttonhole presser foot**



**Thread cutter**



**LED light**



Figure 3.2: Features such as the Buttonhole Presser Foot, integrated Thread Cutter, and LED Light.

## 4. SETUP

Before you begin sewing, ensure your machine is properly set up.

### 4.1 Unpacking and Placement

- Carefully remove the machine and all accessories from the packaging.
- Place the machine on a stable, flat surface.

- Ensure there is adequate lighting and space for comfortable operation.

## 4.2 Power Connection

- Connect the DC 6V 1.2A power adaptor to the machine's power input jack.
- Plug the power adaptor into a suitable electrical outlet.
- If using the foot pedal, connect it to the designated port on the machine.



Figure 4.1: Machine dimensions and included accessories.

## 4.3 Winding the Bobbin

The machine uses iron bobbins, which are fixed by magnetic force. Use only iron bobbins when replacing.

1. Place an empty bobbin onto the bobbin winder spindle.
2. Guide the thread from the spool pin through the tension disc for bobbin winding.
3. Wrap the thread around the bobbin a few times, then push the bobbin winder spindle to the right.
4. Start the machine (slow speed recommended) to wind the bobbin evenly.
5. Once full, cut the thread and push the spindle back to the left.

#### **4.4 Inserting the Bobbin**

1. Open the bobbin cover plate.
2. Insert the wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction (usually counter-clockwise).
3. Pull the bobbin thread through the tension spring and into the thread guide.
4. Close the bobbin cover plate.

#### **4.5 Threading the Upper Thread**

1. Raise the presser foot lever.
2. Place a spool of thread on the spool pin.
3. Guide the thread through the upper thread guides, following the numbered path indicated on the machine.
4. Pass the thread through the tension discs and up through the take-up lever.
5. Thread the needle from front to back. A threader tool is included to assist with this step.
6. Pull about 6 inches of thread through the needle eye.

### **5. OPERATING INSTRUCTIONS**

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This section provides instructions for basic sewing operations.

#### **5.1 Bringing Up the Bobbin Thread**

1. Hold the upper thread lightly with your left hand.
2. Turn the hand wheel towards you to lower the needle into the needle plate and then raise it again.
3. The upper thread will catch the bobbin thread, forming a loop. Pull the loop up through the needle plate opening.
4. Pull both upper and bobbin threads under the presser foot and towards the back of the machine.

#### **5.2 Selecting a Stitch**

Gently turn the Stitch Selection Dial to choose one of the 12 built-in stitches (A-L) or the 4-step buttonhole setting (M).



Figure 5.1: Example of various stitch patterns achievable with the machine.

### 5.3 Adjusting Thread Tension

The upper thread tension control ranges from 0-9. Adjust as needed to achieve balanced stitches. A balanced stitch will have the upper and bobbin threads meeting evenly between the fabric layers.

- If the upper thread lies flat on the fabric surface, increase the tension.
- If the bobbin thread lies flat on the fabric surface, decrease the tension.

### 5.4 Starting to Sew

1. Place the fabric under the presser foot.
2. Lower the presser foot lever.
3. Select your desired stitch.
4. Choose your sewing speed using the adjustable speed switch or by pressing the foot pedal.
5. Gently guide the fabric as it feeds through the machine. Do not pull or push the fabric forcefully.

## 5.5 Reverse Sewing

To secure the beginning and end of a seam, press and hold the reverse sewing lever. The machine will sew backward. Release the lever to resume forward sewing.

## 5.6 Sewing a Buttonhole (4-step)

The machine includes a 4-step buttonhole presser foot for creating buttonholes.

1. Attach the buttonhole presser foot.
2. Set the stitch selection dial to the first buttonhole step (M1).
3. Sew the first side of the buttonhole.
4. Change the dial to the next step (M2, M3, M4) and sew each corresponding side/bar tack until the buttonhole is complete.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your sewing machine.

### 6.1 Cleaning

- Always unplug the machine before cleaning.
- Use a soft brush to remove lint and dust from the bobbin area and feed dogs.
- Wipe the exterior of the machine with a soft, dry cloth. Do not use liquid cleaners or harsh chemicals.

### 6.2 Needle Replacement

- Replace the needle regularly, especially if it becomes bent, dull, or if you experience skipped stitches.
- Ensure the flat side of the needle faces the back of the machine when inserting.
- Tighten the needle clamp screw securely.

### 6.3 Bobbin Care

- Use only the recommended iron bobbins for this machine.
- Ensure bobbins are wound evenly to prevent tension issues.

## 7. TROUBLESHOOTING

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If you encounter issues with your sewing machine, refer to the following common problems and their solutions:

Problem	Possible Cause	Solution
Machine not starting	Not plugged in; power switch off; foot pedal not connected.	Check power connection; turn on power switch; ensure foot pedal is securely connected.
Skipped stitches	Incorrect needle; bent needle; improper threading; incorrect tension.	Use correct needle type/size for fabric; replace bent needle; re-thread machine correctly; adjust tension.
Thread breaking	Improper threading; tension too tight; poor quality thread; needle bent or dull.	Re-thread machine; loosen tension; use good quality thread; replace needle.

Problem	Possible Cause	Solution
Fabric not feeding	Presser foot not lowered; lint buildup in feed dogs.	Lower presser foot; clean feed dogs.
Machine jamming	Improper bobbin insertion; tangled threads; incorrect needle.	Re-insert bobbin correctly; clear tangled threads; ensure correct needle is used.

If the problem persists after attempting these solutions, please refer to the official user manual PDF or contact customer support.

## 8. SPECIFICATIONS

Detailed technical specifications for the Luby Sewing Machine:

Feature	Detail
Product Dimensions	11.4" (L) x 5.1" (W) x 9.6" (H)
Item Weight	4.6 pounds
Stitches	12 Built-In Stitches and a 4-step buttonhole
Speed	350 stitches per minute
Bobbin Material	Iron (magnetic force fixed)
Feet Type Included	All-Purpose Foot, Buttonhole Presser Foot
Upper Thread Tension Control	0-9
Power Supply	DC 6V 1.2A
Included Accessories	Buttonhole Presser Foot x 1, Threader x 1, Foot Pedal x 1, Needle x 4, Spool x 3, Bobbin x 3
Color	Blue
Manufacturer	Luby
Model Number	Sewing Machine

## 9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your purchase or the official product page. Warranty terms and conditions may vary.

For further assistance, troubleshooting not covered in this manual, or to inquire about replacement parts, please contact Luby customer support. You may also find additional resources, including tutorial videos and a comprehensive user guide, on the manufacturer's website or the product's online listing.

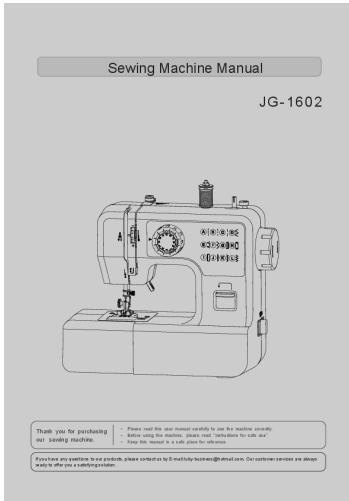
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- User Guide (PDF): [Download User Guide](#)
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## Related Documents

	<p><a href="#"><u>Portable Sewing Machine for Beginners - User Manual</u></a> Comprehensive user manual for a portable sewing machine designed for beginners, featuring 12 stitch patterns, LED light, foot pedal, and 220V operation.</p>
	<p><a href="#"><u>Luby JG-1602 Sewing Machine User Manual</u></a> Comprehensive user manual for the Luby JG-1602 sewing machine, covering setup, basic sewing, stitch adjustments, buttonhole creation, troubleshooting, and specifications. Learn to use your sewing machine effectively and safely.</p>
	<p><a href="#"><u>Mini Multifunctional Household Sewing Machine FHS-505 Instruction Manual</u></a> Comprehensive instruction manual for the FHS-505 mini multifunctional household sewing machine. Covers setup, operation, features, troubleshooting, and maintenance for domestic use.</p>
	<p><a href="#"><u>Instructions for the 12 Stitch Sewing Machine - User Manual</u></a> Comprehensive instructions and safety guidelines for operating the 12 stitch sewing machine. Learn how to thread, use stitches, replace presser feet, and maintain your sewing machine.</p>

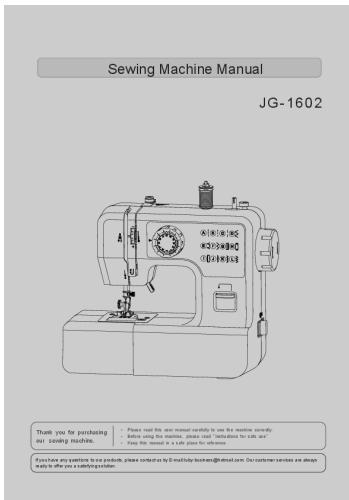
Documents - LUBY – Sewing Machine



## [Luby JG-1602 Sewing Machine User Manual](#)

Comprehensive user manual for the Luby JG-1602 sewing machine, covering setup, basic sewing, stitch adjustments, buttonhole creation, troubleshooting, and specifications. Learn to use your sewing machine effectively and safely.

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## [\[pdf\] User Manual Instructions Troubleshooting Guide Accessories](#)

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### **Sewing Machine Manual JG-1602 Thank you for purchasing our sewing machine.**

Please read this user manual carefully to use the machine correctly. Before using the machine, please read "instructions for safe use".  
If you have any questions to our products, please contact us by E-mail:luby\_hanme@163.com. Our customer service are always ready to offer you a satisfying guidance.

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## [\[pdf\] Guide](#)

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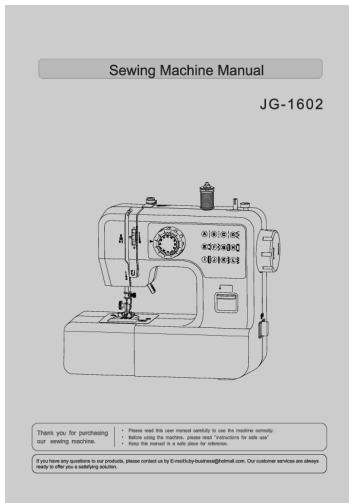
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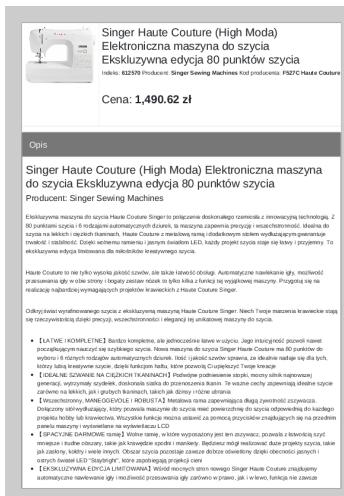
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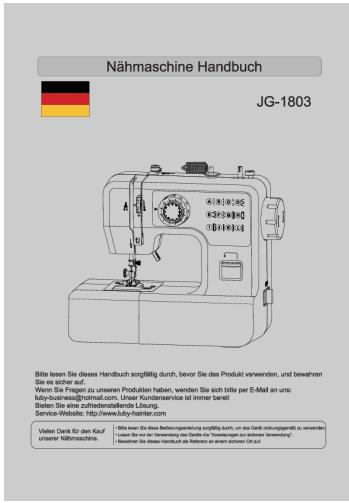
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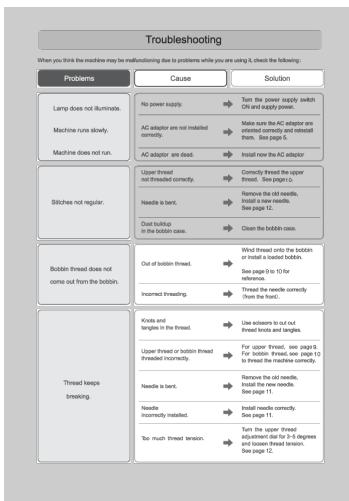


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Nine-Square Pillow Skill level: Beginner / Easy The Kaffe Collective Designed by: Cindy Luby Techni ... makeitcoats.com rowanfabric.com RW0024EN Page 1 of 2

Nine-Square Pillow Additional Requirements: **Sewing Machine** Zipper foot attachment if choosing optional zipper insertion Rotary cutter/mat/plas...

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