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Best Choice Products SKY6105

Best Choice Products Compact Sewing Machine User Manual

MODEL: SKY6105

1. Introduction and Overview

This manual provides comprehensive instructions for the safe and efficient operation of your Best Choice Products Compact Sewing Machine, Model SKY6105. Designed for both beginners and experienced users, this portable machine offers 12 stitch patterns and essential features for various sewing projects. Please read this manual thoroughly before first use and retain it for future reference.

KEY FEATURES:

- **12 Built-in Stitch Patterns:** Offers a variety of stitches for different sewing needs.
- **Two Speed Settings:** Choose between high and low speeds for optimal control.
- **Automatic Thread Rewind:** Simplifies bobbin preparation.
- **Integrated Thread Cutter:** For convenient thread trimming.
- **Adjustable Tension Dial:** Allows fine-tuning of stitch quality.
- **Built-in Sewing Light:** Illuminates the sewing area.
- **Foot Pedal Operation:** Provides hands-free speed control.
- **Compact and Portable Design:** Features a carrying handle and supports both AC power and battery operation (4 AA batteries, not included).
- **Storage Drawer:** Conveniently store small accessories.



Image 1.1: The Best Choice Products Compact Sewing Machine shown with various included accessories such as thread spools, bobbins, and a foot pedal.

2. Safety Instructions

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

- Always disconnect the sewing machine from the power supply when changing the needle, threading, or when the machine is not in use.
- Keep fingers away from the needle, presser foot, hand-wheel, and other moving parts during operation.
- Never operate the machine with damaged power cords or if it has been dropped or damaged. Contact customer support for assistance.
- Do not allow children to operate the sewing machine without adult supervision.
- Use only the accessories and attachments specified by the manufacturer.
- Ensure the machine is placed on a stable, flat surface during use.

- Avoid pulling on the power cord to disconnect from the outlet. Grasp the plug firmly.
- Do not store or operate the machine in damp or wet conditions.

3. Product Components and Setup

3.1 MACHINE PARTS DIAGRAM

12 STITCH PATTERNS

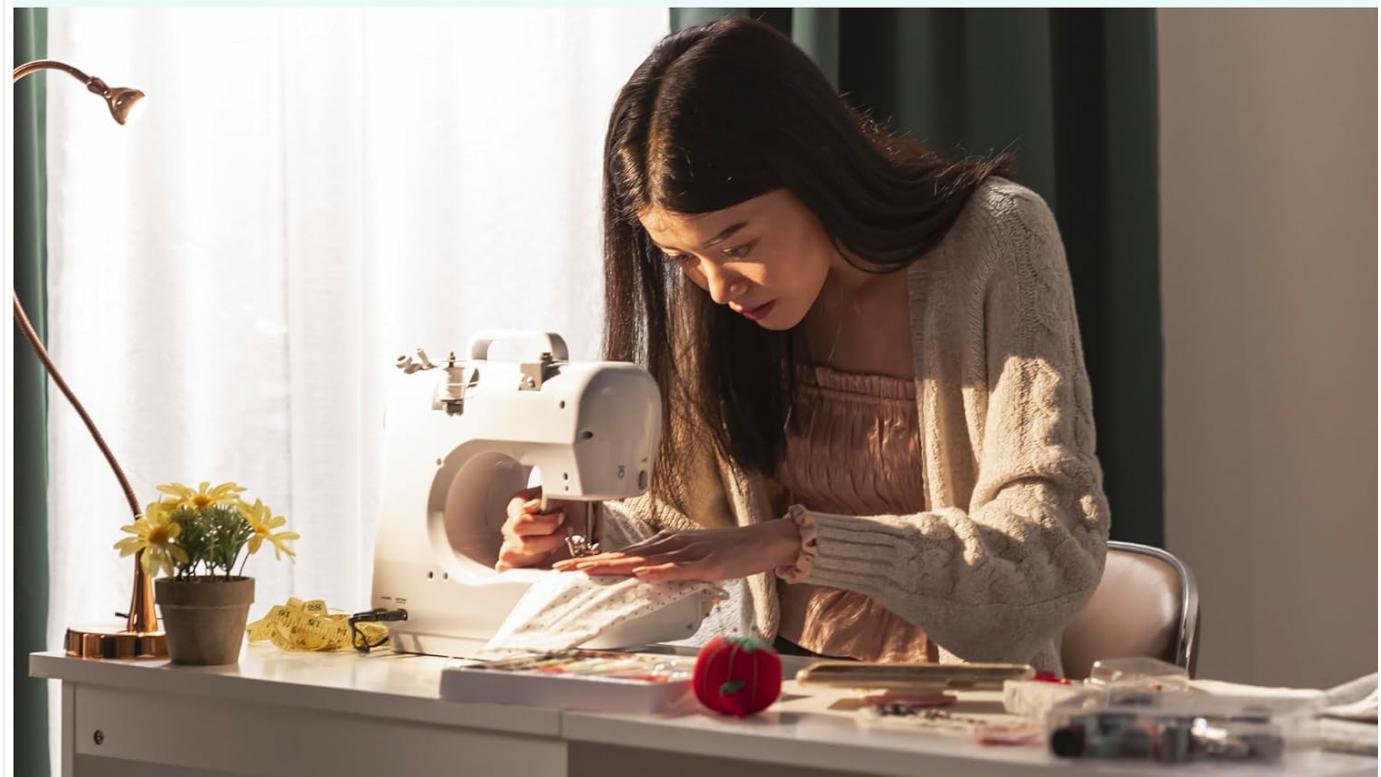
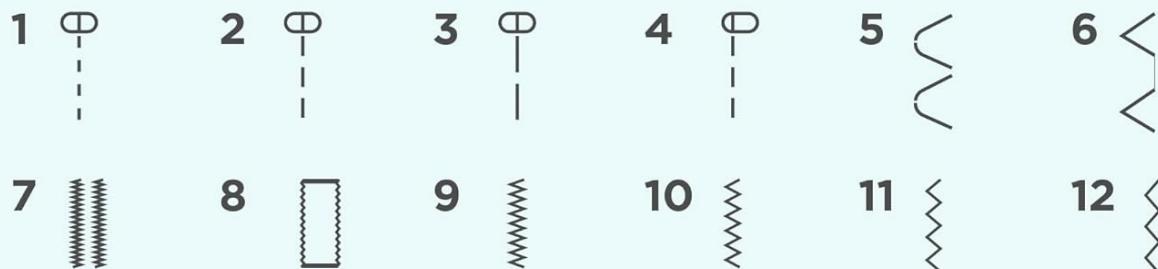


Image 3.1: Labeled diagram of the sewing machine's key components for easy identification.

- **Stitch Selection Button:** Used to choose desired stitch pattern.
- **Hand-wheel:** Manually raises and lowers the needle.
- **Take-up Lever:** Guides the upper thread.
- **Upper Thread Adjustment Knob:** Controls upper thread tension.
- **Thread Cutter:** Blade for cutting threads.
- **LED Lamp:** Illuminates the sewing area.

- **Reverse Button:** For back-stitching.
- **Switch (OFF/L/H):** Power and speed control (Off, Low, High).
- **Drawer:** Storage for small accessories.
- **Anti-skid Pads:** Provide stability.

3.2 INCLUDED ACCESSORIES

42 PC BEGINNER'S KIT INCLUDED

Complete beginners kit included;
no need to go to the craft store



1 Needle Threader



1 Thimble



1 Measuring Tape



1 Seam Ripper



1 Scissor



Power Cord



5 Spare
Machine Needles



16 Bobbins



Foot Pedal



16 Spools

Image 3.2: The 42-piece beginner's kit, detailing all included accessories.

Your sewing machine comes with a comprehensive accessory kit:

- 1 Needle Threader
- 1 Thimble
- 1 Measuring Tape
- 1 Seam Ripper
- 1 Scissor
- 1 Power Cord
- 5 Spare Machine Needles

- 16 Bobbins
- 16 Spools of Thread
- 1 Foot Pedal

3.3 POWERING THE MACHINE

The sewing machine can be powered by either the included AC adapter or 4 AA batteries (not included).

- **AC Adapter:** Insert the DC plug into the DC input jack on the machine and the adapter into a standard wall outlet.
- **Batteries:** Open the battery compartment on the bottom of the machine and insert 4 AA batteries, ensuring correct polarity. Do not mix old and new batteries or different types of batteries.

Important: Do not use the AC adapter and batteries simultaneously. Ensure the machine is switched OFF before connecting or disconnecting power sources.



Image 3.3: The compact and portable design, highlighting the carrying handle and dual power options.

3.4 THREADING THE MACHINE

Correct threading is crucial for proper stitch formation.

Winding the Bobbin:

1. Place a spool of thread on the spool pin.
2. Guide the thread through the bobbin winding tension disc.
3. Place an empty bobbin onto the bobbin winder spindle.
4. Wrap the thread around the bobbin a few times clockwise.
5. Push the bobbin winder spindle to the right.
6. Turn on the machine (Low speed recommended) and allow the bobbin to fill. The machine will stop automatically when full.
7. Cut the thread and push the bobbin winder spindle back to the left. Remove the filled bobbin.

Inserting the Lower Bobbin:

1. Open the bobbin cover plate.
2. Insert the filled bobbin into the bobbin case, ensuring the thread unwinds counter-clockwise.
3. Pull the bobbin thread through the small slot in the bobbin case.
4. Close the bobbin cover plate.

Threading the Upper Thread:

1. Raise the needle to its highest position by turning the hand-wheel towards you.
2. Place a spool of thread on the spool pin.
3. Guide the thread through the first thread guide.
4. Pass the thread down through the tension disc area.
5. Guide the thread up and through the take-up lever (from right to left).
6. Thread the needle from front to back. Use the needle threader if needed.
7. Pull about 6 inches of thread through the needle eye.

Bringing Up the Bobbin Thread:

1. Hold the upper thread gently with your left hand.
2. Turn the hand-wheel towards you slowly, lowering and then raising the needle.
3. The needle thread will catch the bobbin thread, forming a loop. Pull this loop up through the needle plate with your fingers or a small tool.
4. Pull both upper and bobbin threads under the presser foot and towards the back of the machine, leaving about 4-6 inches of thread.

3.5 NEEDLE INSTALLATION

Ensure the machine is OFF and unplugged before changing the needle.

1. Loosen the needle clamp screw.
2. Remove the old needle.
3. Insert a new needle with the flat side facing the back of the machine.
4. Push the needle up as far as it will go.
5. Tighten the needle clamp screw securely.

4. Operating Instructions

4.1 SELECTING A STITCH PATTERN

Turn the Stitch Selection Button to choose one of the 12 available stitch patterns. Refer to the diagram below for visual representation of each stitch.



Image 4.1: Visual guide to the 12 built-in stitch patterns.

4.2 ADJUSTING THREAD TENSION

The Upper Thread Adjustment Knob controls the tension of the upper thread.

- If the upper thread appears too loose (loops on the underside of the fabric), turn the knob to a higher number.
- If the lower thread appears too loose (loops on the top side of the fabric), turn the knob to a lower number.
- Test on a scrap piece of fabric to find the ideal tension for your material and thread.

4.3 STARTING TO SEW

1. Place the fabric under the presser foot.
2. Lower the presser foot lever.
3. Select your desired stitch pattern.
4. Set the speed switch to 'L' (Low) or 'H' (High).
5. Gently press the foot pedal to start sewing. For manual control, you can also use the hand-wheel.
6. To reverse stitch (for securing seams), press and hold the Reverse Button. Release to continue forward stitching.
7. When finished, raise the needle to its highest position, lift the presser foot, and gently pull the fabric away.
8. Use the built-in Thread Cutter to trim the threads.



Image 4.2: The sewing machine in use, demonstrating its versatility for various projects.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your sewing machine. Always ensure the machine is OFF and unplugged before performing any maintenance.

- Cleaning:** Use a soft brush to remove lint and dust from the bobbin area and feed dogs. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners.
- Needle Replacement:** Replace needles regularly, especially if they become bent, dull, or if you notice skipped stitches. Refer to Section 3.5 for instructions.
- Storage:** When not in use, store the machine in a dry, dust-free environment. Use the built-in carrying handle for transport.

6. Troubleshooting

If you encounter issues with your sewing machine, consult the following table before contacting customer support.

Problem	Possible Cause	Solution
Machine does not start	Not plugged in; batteries dead/incorrectly inserted; power switch OFF.	Check power connection; replace batteries; ensure switch is on 'L' or 'H'.
Thread breaks frequently	Incorrect threading; tension too high; needle bent/dull/wrong size; poor quality thread.	Re-thread machine carefully; adjust tension lower; replace needle; use good quality thread.
Skipped stitches	Needle bent/dull/incorrectly inserted; wrong needle for fabric; incorrect threading.	Replace needle, ensuring flat side faces back; use appropriate needle for fabric type; re-thread machine.
Uneven stitches / Looping	Incorrect thread tension (upper or lower); improper threading.	Adjust tension dial; ensure both upper and bobbin threads are correctly threaded.
Fabric not feeding	Presser foot not lowered; lint/debris in feed dogs.	Lower the presser foot; clean feed dogs.
Machine struggles with thick fabric	Machine not designed for very thick materials; incorrect needle.	This compact machine is best suited for light to medium fabrics. Use a stronger needle for slightly thicker materials, but avoid excessively thick fabrics.

7. Specifications

Feature	Detail
Model Number	SKY6105
Brand	Best Choice Products
Product Dimensions (L x W x H)	11" x 4.5" x 10.5" (27.9 cm x 11.4 cm x 26.7 cm)
Item Weight	5 pounds (2.27 kg)
Power Source	AC Adapter (6V) or 4 x AA Batteries (not included)

Feature	Detail
Stitch Patterns	12
Speed Settings	Low (L), High (H)
UPC	842957125272



Image 7.1: Product dimensions of the compact sewing machine.

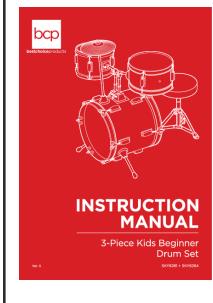
8. Warranty and Support

For warranty information, technical support, or any questions not covered in this manual, please contact Best Choice Products customer service. Refer to your purchase documentation or the manufacturer's website for current contact details.

Online Support: Visit the official Best Choice Products website for FAQs and support resources.

Related Documents - SKY6105

	<p>Best Choice Products Folding Sewing Craft Table Instruction Manual</p> <p>Comprehensive instruction manual for the Best Choice Products Folding Sewing Craft Table, detailing all hardware, parts, and step-by-step assembly instructions. Includes safety notices, assembly guidance, and warranty information. Model numbers: SKY6515, SKY7178, SKY7179, SKY7526, SKY7527, SKY7528, SKY7529.</p>
	<p>Best Choice Products Folding Sewing Craft Table Instruction Manual</p> <p>Detailed instruction manual for assembling the Best Choice Products Folding Sewing Craft Table (Models SKY5834, SKY6212, SKY6281). Includes parts list, tools required, assembly steps, and warranty information.</p>
	<p>Best Choice Products 5-Piece Beginner Drum Set Instruction Manual</p> <p>Comprehensive instruction manual for the Best Choice Products 5-Piece Beginner Drum Set (Model SKY1263), covering parts identification, assembly steps, and tuning instructions.</p>
	<p>Best Choice Products 5-Piece Kids Beginner Drum Set Instruction Manual</p> <p>Instruction manual for the Best Choice Products 5-Piece Kids Beginner Drum Set (models SKY5565 + SKY5566), covering safety, parts, assembly, and tuning instructions.</p>
	<p>Best Choice Products 38in Beginner Acoustic Guitar Instruction Manual</p> <p>Instruction manual for the Best Choice Products 38in Beginner Acoustic Guitar, covering parts, anatomy, string changing, guitar care, and warranty information. Includes model numbers SKY119 through SKY7241.</p>



[Best Choice Products 3-Piece Kids Beginner Drum Set Instruction Manual](#)

Comprehensive instruction manual for assembling and using the Best Choice Products 3-Piece Kids Beginner Drum Set (models SKY6261, SKY6264). Includes parts list, assembly steps, and warranty information.