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NLI NP-7A

NLI NP-7A Portable Bag Closer Machine Instruction Manual

Model: NP-7A

1. Introduction

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your NLI NP-7A Portable Single Thread Chainstitch Bag Closer Machine. Please read this manual thoroughly before using the machine to ensure proper function and to prevent injury or damage.
The NLI NP-7A is designed for closing various types of bags using a single-thread chain stitch. It features a durable plastic handle, automatic lubrication, and an automatic thread cutting mechanism for enhanced efficiency.

2. Safety Instructions

Always adhere to the following safety guidelines to prevent accidents and ensure safe operation:

- Read and understand all instructions before operating the machine.
- Wear appropriate personal protective equipment, including eye protection, when operating the machine.
- Ensure the machine is unplugged from the power source before performing any maintenance, cleaning, or when changing needles or thread.
- Keep hands, hair, and loose clothing away from all moving parts during operation.
- Do not operate the machine in wet or damp conditions.
- Use only genuine NLI replacement parts and accessories.
- Keep the work area clean and well-lit.

3. Package Contents

Upon unpacking, verify that all items listed below are present. If any items are missing or damaged, contact your supplier immediately.

- NLI NP-7A Portable Bag Closer Machine
- Instruction Manual / Parts List
- Thread Spool
- Oil Bottle

- Accessory Bag (containing tools and needles)



Image 3.1: NLI NP-7A machine with its standard accessories, including the instruction manual, thread, oil, and tools.

4. Setup

4.1 Unpacking and Inspection

Carefully remove the machine from its packaging. Inspect the machine for any visible damage that may have occurred during transit. Report any damage to your supplier immediately.

4.2 Power Connection

The NP-7A is a corded electric machine. Ensure the power supply matches the voltage requirements specified on the machine's label. Plug the power cord into a grounded electrical outlet.

4.3 Oiling the Machine

The NP-7A features an automatic oil pump lubrication system, but initial and periodic manual oiling is essential. Use Tellus #32 oil. Fill the oil reservoir and ensure oil lines direct lubricant to main moving elements. Refer to the machine diagram for specific oiling points if available in the included manual.



Image 4.1: Overview of the NLI NP-7A machine, showing the oil bottle attached for lubrication.

4.4 Needle Installation

To install or replace the needle (type DN×1 #25):

1. Ensure the machine is unplugged.
2. Loosen the needle clamp screw.
3. Insert the new needle with the flat side facing the back of the machine, pushing it up as far as it will go.

4. Tighten the needle clamp screw securely.

4.5 Thread Installation

Proper threading is crucial for correct stitch formation. Follow the threading path indicated in the machine's included manual. Generally, thread passes from the spool, through tension discs, thread guides, and finally through the needle eye. Ensure the thread is seated correctly in all guides and tension components.

5. Operating Instructions

5.1 Starting the Machine

After ensuring the machine is properly set up and threaded, plug it into a power outlet. The machine is typically activated by a trigger or switch on the handle.

5.2 Bag Closing Procedure

The NP-7A creates a single-thread chain stitch with a fixed stitch width of 8.5mm. It can handle bag materials up to 8mm thick, such as paper, jute, PP, cotton, polyester, plastic, vinyl, canvas, burlap, coffee, and synthetic fabrics.

1. Hold the bag opening firmly and guide it into the machine's feeding mechanism.
2. Activate the machine. The machine will feed the bag and form the chain stitch.
3. Maintain a steady, even pace to ensure consistent stitch quality.
4. Once the seam is complete, the automatic thread cutter will engage to cut the thread.

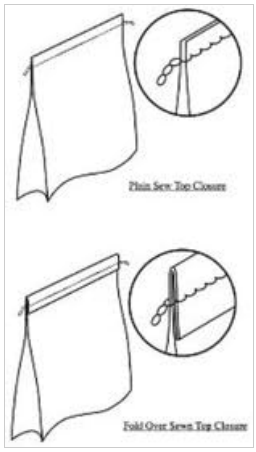


Image 5.1: Illustrations of common bag closure methods: plain sew top and fold-over sew top.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your NP-7A machine.

6.1 Regular Oiling

Check the oil level regularly and refill the reservoir as needed with Tellus #32 oil. The automatic oil pump system requires sufficient oil to lubricate critical components. Insufficient oiling can lead to premature wear and machine failure.

6.2 Cleaning

After each use, unplug the machine and use a soft brush or compressed air to remove any lint, dust, or thread fragments from the needle area, feed mechanism, and other accessible parts. Accumulation of debris can affect performance and lead to blockages.

6.3 Needle Replacement

Replace the needle (DN×1 #25) when it becomes dull, bent, or damaged. A worn needle can cause skipped stitches, thread breakage, and damage to the bag material. Refer to section 4.4 for needle installation instructions.

7. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

- **Machine Not Starting:**
  - Check if the power cord is securely plugged into a working outlet.
  - Verify that the power switch/trigger is fully engaged.
- **Skipped Stitches:**
  - Ensure the needle is installed correctly (flat side facing back) and is not bent or dull. Replace if necessary.
  - Check that the thread is correctly routed through all guides and tension discs.
  - Verify thread tension is appropriate for the material being sewn.
- **Thread Breakage:**
  - Inspect the thread path for any burrs or sharp edges that might be snagging the thread.
  - Check thread tension; it might be too tight.
  - Ensure the needle is the correct type and size (DN×1 #25) and is not damaged.
- **Poor Stitch Quality (Loose or Uneven Stitches):**
  - Re-thread the machine carefully, ensuring the thread is properly seated in the tension discs.
  - Adjust thread tension if possible (refer to the detailed manual for tension adjustment points).
  - Ensure the bag material is fed smoothly and consistently.

8. Specifications

Feature	Specification
Brand	NLI
Model Number	NP-7A
Stitch Type	Single Thread Chain Stitch
Maximum Speed	1,900 rpm
Stitch Width	8.5mm (fixed)
Maximum Bag Material Thickness	8mm (e.g., Jute bag)
Cutter	Half Automatic Thread Cutter
Needle Type	DN×1 #25
Oiling System	Automatic Oil Pump (manual by hand for initial/periodic)
Recommended Oil	Tellus #32
Power Source	Corded Electric
Item Weight	7.1 Kilograms
Material	Plastic (handle)

9. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or contact your authorized NLI dealer or the seller. Keep your proof of purchase for warranty claims.
If you encounter issues not covered in this manual or require further assistance, please contact the manufacturer or your product supplier for technical support.

Ask a question about this manual

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Example: How do I reset this device or fix this error?

Details

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Submit question