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Prym 624168

Prym MIDI Knitting Mill Machine

INSTRUCTION MANUAL - MODEL 624168

1. Product Overview

The Prym MIDI knitting mill is designed for ease of use, enabling the creation of both knitted tubes and flat panels. This versatile machine is suitable for various crafting projects, from accessories to garments.

Key Features:

- Medium-sized knitting mill for creating knitted tubes.
- Features 20 stitches for circular knitting, producing tubes with an approximate 8-inch circumference.
- Offers 16 stitches for flat knitting, creating panels approximately 4-3/4 inches wide.
- Designed for ease of use, making it suitable for beginners.
- Compatible with all yarn thicknesses between 2 and 6.
- Equipped with a multi-position yarn and tension guide for optimal tension control.



2. Setup

Unpacking and Initial Inspection:

Carefully remove all components from the packaging. Verify that all parts are present and undamaged. The box should contain:

- 1 x Prym MIDI Knitting Mill (main unit)
- Solid base
- Carrying handle
- Clear cover
- Plastic needle
- Complete instructions



Figure 2: The Prym MIDI Knitting Mill Machine as packaged, indicating contents.

Placement:

Place the knitting mill on a stable, flat surface. Ensure there is enough space around the machine for comfortable operation, especially for turning the crank handle.

3. Operating Instructions

Yarn Selection and Preparation:

The Prym MIDI knitting mill is designed to work with yarn thicknesses between 2 and 6. Select a yarn that is smooth and consistent to ensure optimal performance and prevent skipped stitches. Wind your yarn into a cake or ball that feeds smoothly.

Threading the Machine:

1. Open the clear cover of the knitting mill.
2. Locate the yarn guide slot on the side of the machine.
3. Feed the yarn through the yarn guide, ensuring it passes through the tension guide. The tension guide has multiple positions; select one that provides appropriate tension for your yarn. Too much tension can cause the machine to skip stitches or jam.
4. Bring the yarn end to the inside of the knitting mill, ready to be caught by the hooks.

Knitting Tubes (Circular Knitting - 20 Hooks):

1. Ensure the machine is set to circular knitting mode (refer to your specific model's switch or lever if applicable).
2. Begin by manually placing the yarn onto the hooks as instructed in the detailed manual provided with your machine. This typically involves alternating hooks for the first row.
3. Once the initial cast-on is complete, slowly turn the crank handle clockwise. The hooks will automatically catch the yarn and form stitches.
4. Maintain a consistent turning speed and monitor the yarn tension. If stitches are dropped, the tension may be too high or the yarn may be snagging.
5. As knitting progresses, the knitted tube will emerge from the bottom of the machine. You may need to gently pull the fabric down to assist the process, especially for the first few rows.

Knitting Flat Panels (16 Hooks):

1. Switch the machine to flat knitting mode (consult your manual for the specific mechanism). This will typically disengage a section of the hooks.
2. Cast on the yarn onto the active 16 hooks, following the flat knitting cast-on instructions.
3. Turn the crank handle back and forth, reversing direction at the end of each row. The machine will knit a flat panel.
4. Ensure the yarn is properly caught by all active hooks at each turn.

Changing Yarn Colors:

To change yarn colors, simply tie the end of the current yarn to the beginning of the new yarn using a small, secure knot. Trim any excess yarn close to the knot. Continue knitting, and the new color will be seamlessly integrated.



Figure 3: Detailed view of the knitting hooks and yarn path during operation.

4. Maintenance

Cleaning:

To ensure smooth operation and longevity of your knitting mill, regularly clean it. Use a soft brush or compressed air to remove lint and yarn fibers from the hooks and internal mechanisms. Avoid using water or harsh chemicals.

Storage:

When not in use, store the Prym MIDI Knitting Mill in a clean, dry place, away from direct sunlight and extreme temperatures. Keeping it in its original packaging or a protective cover can help prevent dust accumulation and damage.

5. Troubleshooting

Common Issues and Solutions:

- **Skipped Stitches:**

This is often caused by incorrect yarn tension or the yarn not being properly caught by the hooks. Ensure the yarn is threaded correctly through the tension guide and adjust the tension if it feels too tight. Try a different yarn thickness if the issue persists. Manually assist the first few rows by gently pulling the knitted fabric downwards.

- **Machine Jams or Handle is Stiff:**

A jam can occur if the yarn is too thick, the tension is too high, or if there's a knot in the yarn. Check for any obstructions in the hook mechanism. Reduce yarn tension or try a thinner yarn. Do not force the handle; gently reverse direction slightly to clear the jam.

- **Uneven Knitting:**

Uneven knitting can result from inconsistent yarn tension or varying turning speed. Maintain a steady pace when turning the handle and ensure the yarn feeds smoothly without snags.

- **Yarn Not Releasing from Hooks:**

This can happen if the yarn is too sticky or if there's an issue with the hook mechanism. Ensure the machine is clean and free of debris. Try a different type of yarn.

6. Specifications

Attribute	Value
Model Number	624168
Product Dimensions	10.24 x 7.87 x 0.01 inches
Item Weight	2.1 pounds
Knitting Type	Circular and Flat
Circular Hooks	20
Flat Hooks	16
Recommended Yarn Thickness	2-6
Manufacturer	Prym

Date First Available	July 9, 2013
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7. Safety Information

Please observe the following safety guidelines when using the Pym MIDI Knitting Mill Machine:

- Avoid contact with eyes.
- Keep away from naked flame or direct heat sources.
- Always supervise children when they are operating the machine.
- Do not attempt to disassemble or repair the machine yourself. Contact authorized service personnel if issues arise.
- Use only recommended yarn types and thicknesses to prevent damage to the machine.