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› FYGAIN SENTRO 48-Needle Knitting Machine Instruction Manual

## FYGAIN 48

# FYGAIN SENTRO 48-Needle Knitting Machine Instruction Manual

Model: 48

## 1. PRODUCT OVERVIEW

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The FYGAIN SENTRO 48-Needle Knitting Machine is designed for creating knitted items such as scarves, hats, clothes, socks, and more. It features two primary knitting modes: P-gear for flat weaving and T-gear for round weaving. This machine is suitable for both adults and children, offering an interactive way to engage in knitting projects.

## 2. WHAT'S IN THE BOX

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Upon unpacking, please ensure all the following components are present:

- 1 x Knitting machine
- 1 x Wire frame
- 3 x Hand needles
- 1 x Crochet needle
- 4 x Bundles of random color wool
- 4 x Suction cups
- 1 x Screwdriver
- 4 x Screws
- 1 x Manual (this document)

# PARTS LIST

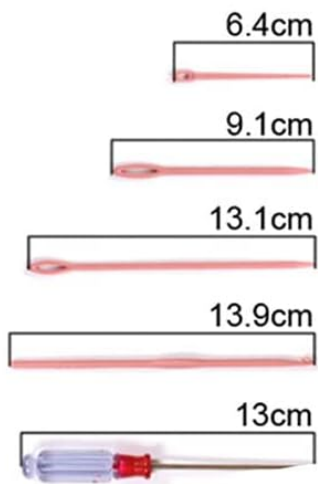


Image: Contents of the knitting machine package, including the machine, yarn, and various tools.

## 3. PRODUCT STRUCTURE

Familiarize yourself with the different parts of your knitting machine:



*Image: Detailed diagram showing the components of the knitting machine, including the lap counter, 48-pin needles, yarn inlet, hand crank, suction cups (suckers), tripod legs, cable manager, and mode switch.*

- **Lap Counter:** Tracks the number of rows knitted (only for tube knitting mode).
- **48-Pin Needles:** The knitting hooks that form the stitches.
- **Inlet:** Where the yarn is fed into the machine.
- **Hand Crank:** Used to manually operate the knitting process.
- **Suckers (Suction Cups):** Secure the machine to a flat surface.
- **Tripod:** The legs that support the machine.
- **Cable Manager:** Helps guide and manage the yarn.
- **Mode Switch:** Toggles between P-gear (flat weave) and T-gear (round weave).



*Image: Close-up view highlighting the row counter, which is used for tube knitting, and the manual hand crank for operation.*

## 4. SETUP

### 4.1 Stabilizing the Machine

Before beginning, ensure the knitting machine is stable on a flat surface. Use the provided suction cups to secure the machine firmly to prevent movement during operation. Press down on the machine to engage the suction cups.

### 4.2 Yarn Selection

The machine is compatible with yarn sizes between **1.5 mm and 5 mm**. Thinner yarns generally work well but may require careful threading. Heavy or bulky yarns are not suitable and may cause skipped stitches or machine jams.

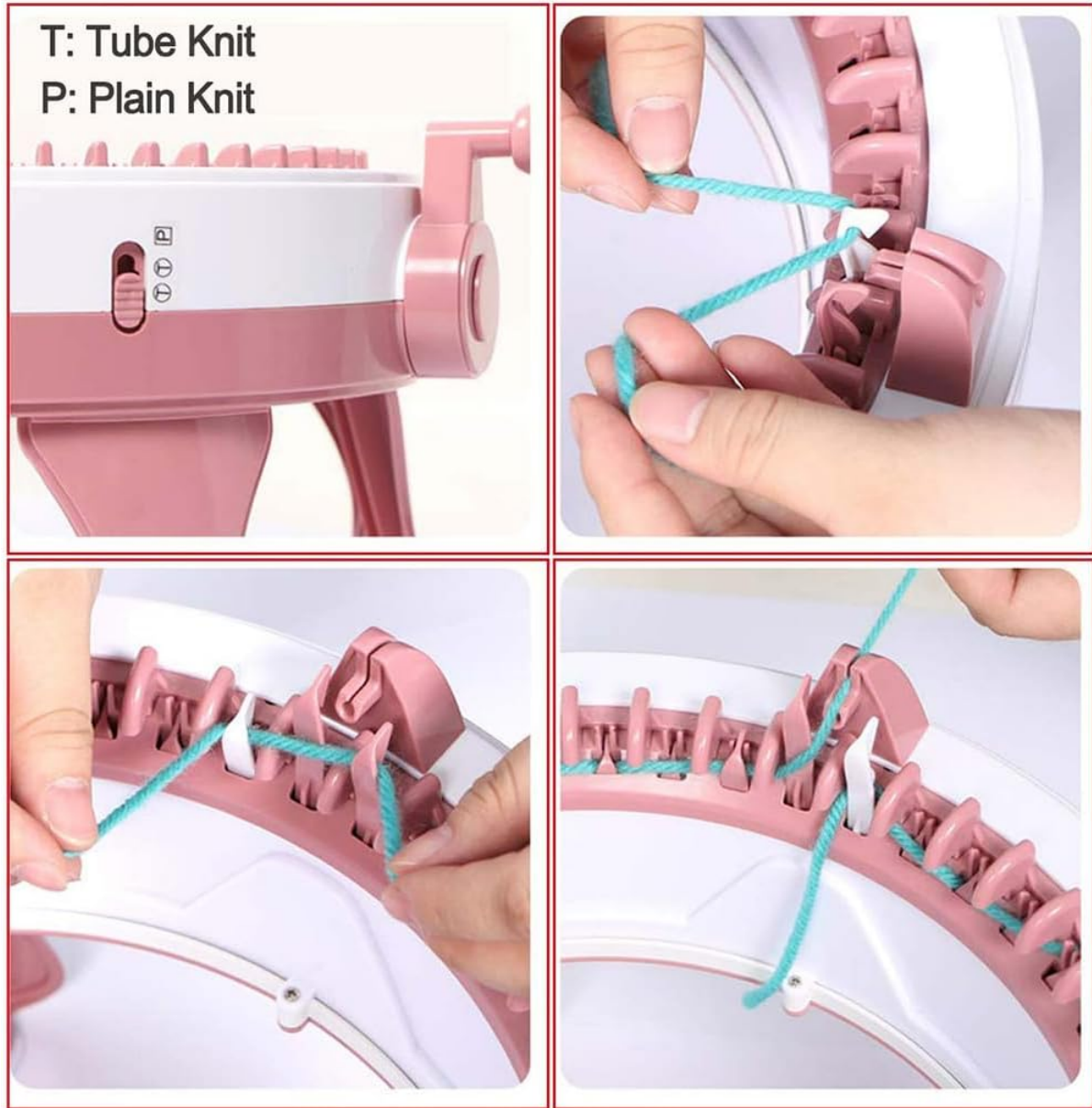
To ensure smooth operation, it is advisable to wind the yarn into a ball or prepare a loose length (2-3 meters) to prevent tangles and tension issues while feeding it into the machine.

## 5. OPERATING MODES

The FYGAIN SENTRO Knitting Machine offers two distinct knitting modes, selected via the mode switch:

- **P-Gear (Plain Weave):** This mode creates flat panels of knitted fabric. The width of the fabric is approximately 17.8 inches (45 cm). This mode is suitable for items like scarves, bags, sweaters, and pillows. Needle reduction can be performed in this mode.
- **T-Gear (Ring Weave):** This mode creates tubular knitted fabric with a fixed stitch count. The diameter of the tube is approximately 9.8 inches (25 cm). This mode is ideal for hats, gloves, and rag dolls.

## TWO CHOICES



*Image: Illustration of the two knitting modes, 'T' for Tube Knit and 'P' for Plain Knit, and how to thread the yarn through the tension guide.*

## 6. KNITTING PROCESS

### 6.1 Initial Setup and Casting On

Follow these steps to cast on your first row:

1. Ensure the machine is stable on a flat surface using the suction cups.
2. Select your desired knitting mode (P-gear for flat, T-gear for round) using the mode switch.

3. Feed the yarn through the tension guide. Adjust the tension to be appropriate for your yarn type. Different yarns require different tension settings.
4. Turn the hand crank slowly. As the first needle comes up, place the yarn behind it. Continue turning, placing the yarn behind every other needle for the first round.
5. For the second round, place the yarn in front of the needles that were skipped in the first round, ensuring all needles now have yarn.
6. Continue turning the crank slowly and evenly. Ensure the yarn is consistently caught by the hooks.

## 6.2 Continuous Knitting

Once the initial cast-on is complete, continue turning the hand crank. Maintain a steady pace and ensure the yarn is feeding smoothly. If the handle becomes difficult to turn, do not force it. Check for yarn tangles, knots, or if the yarn is too thick for the machine.

In T-gear (round weave) mode, the row counter will automatically track your progress. Remember to reset the row counter to zero before starting a new project in this mode.

## 7. MAINTENANCE

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To ensure the longevity and smooth operation of your knitting machine, follow these maintenance tips:

- **Cleaning:** Regularly remove any lint or yarn fibers that may accumulate around the needles or gears. Use a soft brush or cloth.
- **Storage:** Store the machine in a clean, dry place away from direct sunlight and extreme temperatures.
- **Handle with Care:** The machine is primarily made of plastic. Avoid dropping it or applying excessive force to the hand crank, as this can cause damage.

## 8. TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

- **Handle does not move or is hard to turn:**
  - Check if the yarn is too tight or too thick for the machine.
  - Ensure there are no knots or tangles in the yarn.
  - Verify that the yarn is correctly threaded through the tension guide and not caught on any part of the machine.
  - Do not force the handle, as this can damage the internal mechanism.
- **Skipped stitches:**
  - Ensure the yarn tension is appropriate. If the tension is too loose, try increasing it slightly.
  - Check if the yarn is too thin or too thick.
  - Make sure the yarn is consistently caught by all hooks as you turn the crank.
  - Turn the crank slowly and evenly. Rapid turning can cause stitches to drop.
- **Yarn seems "stuck" on a hook:**
  - Gently push the stitch or stitches that are stuck down with a hand needle or crochet hook to free them.
  - Ensure the yarn is properly positioned below the tension piece and correctly threaded through the notches.

If you encounter issues not covered here or require further assistance, please contact customer support.

## 9. SPECIFICATIONS

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<b>Brand</b>	FYGAIN
<b>Model Number</b>	48
<b>Material</b>	Plastic
<b>Product Dimensions (L x W x H)</b>	15.9 x 14.6 x 8.6 inches (40.5 x 37.2 x 22 cm)
<b>Item Weight</b>	4.34 pounds (1.97 Kilograms)
<b>Number of Needles</b>	48
<b>Knitting Modes</b>	P-Gear (Flat Weave), T-Gear (Ring Weave)
<b>Compatible Yarn Size</b>	1.5 mm - 5 mm

## 10. IMPORTANT SAFETY INFORMATION

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- Keep small parts away from young children to prevent choking hazards.
- Adult supervision is recommended for children using the knitting machine.
- Do not attempt to disassemble or modify the machine, as this may void the warranty and cause damage.
- Use only recommended yarn sizes to avoid damaging the needles or mechanism.