

YEQIN SA140

YEQIN Even Feed Walking Foot #SA140 User Manual

Model: **SA140** | Brand: **YEQIN**

1. INTRODUCTION

The YEQIN Even Feed Walking Foot #SA140 is a specialized presser foot designed to enhance control and precision when sewing challenging fabrics or multiple layers. This accessory features an integrated moving feed system that works in conjunction with your sewing machine's lower feed dogs. This synchronized movement ensures that fabric layers are fed evenly through the machine, preventing shifting, puckering, and misaligned stitches. It is particularly beneficial for quilting, matching prints or plaids, and working with slippery or thick materials where fabric drift is a common issue.



Figure 1: YEQIN Even Feed Walking Foot #SA140 with its packaging.

2. PRODUCT OVERVIEW

The Even Feed Walking Foot consists of several key components that work together to provide its unique feeding mechanism. Understanding these parts will assist in proper installation and use.



Figure 2: Labeled components of the YEQIN Even Feed Walking Foot.

- **Forked Presser Foot Lever:** This lever rests over the needle bar clamp screw and is crucial for the foot's upper feeding mechanism.
- **Foot Clamp for Screw:** Secures the walking foot to the presser foot bar of your sewing machine.
- **Upper Feed Dogs:** These small teeth on the underside of the walking foot grip the top layer of fabric, moving it in sync with the machine's lower feed dogs.
- **Opening for Guide Bar:** A slot where the included guide bar can be inserted for maintaining consistent seam allowances or parallel stitching.
- **Red Markings on Sole:** Indicators on the sole of the foot for precise alignment and stitching.

3. COMPATIBILITY

The YEQIN Even Feed Walking Foot #SA140 is designed for use with **low shank sewing machines**. It is compatible with a wide range of models from popular brands, including but not limited to:

- **Brother:** ES-2000, ULT-2003D, PC-8500D, NX-200, SE-270D, PC-6500, NX-600, NX-400, CS-8072, Innov-is 2500D, Innov-is 1000, Innov-is 1500D, Innov-is 4000D, PC-2800, PC-3000, PC-4000, PC-5000, PC-6000, PC-7000, PC-7500, PC-8200, PS-2200, PS-2300, PS-2500, ULT-2001, ULT-2002D, CS-6000T, CE-4000, CS-6000i, EX-660, HE-120, PC-8500, CS-100T, NX-450, NX-250, NX-450Q, NX-650Q, Innov-is 1200, QC-1000, PC-210, PC-420, NX-400Q, BC-1000, CS-6000, CS-6000B, Duetta™ 4500D, Innov-is 40- Limited Edition, Innov-is 80- Limited Edition, PC210PRW - NEW Ltd Edition, PC420PRW - NEW Ltd Edition, Innov-is 900D, SE-350, CE-5000PRW, XR-7700, LB6770 PRW - Limited Edition.
- **Note:** For Brother models PC-8200, PC-8500, and PC-8500D, a low shank adapter may be required for proper installation.
- **Janome**
- **Singer**
- And many other low shank sewing machine brands.

If you are unsure about your machine's shank type, consult your sewing machine's manual or contact the manufacturer.

4. SETUP AND INSTALLATION

Follow these steps to correctly install the Even Feed Walking Foot on your sewing machine:

1. **Power Off:** Ensure your sewing machine is turned off and unplugged for safety.
2. **Raise Needle:** Raise the needle to its highest position using the handwheel.
3. **Remove Standard Foot:** Loosen the presser foot screw (typically located on the side of the presser foot bar) and carefully remove the existing presser foot.
4. **Position Walking Foot:** Place the YEQIN Even Feed Walking Foot onto the presser foot bar. The **forked presser foot lever** (refer to Figure 2) must rest over the needle bar clamp screw. The **foot clamp for screw** should align with the presser foot bar.
5. **Secure Foot:** Tighten the presser foot screw firmly to secure the walking foot in place. Do not overtighten.
6. **Attach Guide Bar (Optional):** If you wish to use the guide bar for parallel stitching, insert its straight end into the **opening for guide bar** on the walking foot. Adjust its position to achieve the desired seam allowance.
7. **Test Clearance:** Manually lower the needle to ensure it passes cleanly through the needle hole of the walking foot without obstruction. If there is any contact, re-check the installation.



Figure 3: The walking foot installed on a sewing machine, demonstrating its use for quilting.

5. OPERATING INSTRUCTIONS

The Even Feed Walking Foot is designed for specific sewing tasks to achieve optimal results.

When to Use:

- **Quilting:** Ideal for stitching through multiple layers of fabric and batting without shifting.
- **Matching Prints/Plaids:** Helps maintain alignment of patterns across seams.
- **Slippery Fabrics:** Provides better control for materials like silk, satin, or chiffon.
- **Thick Fabrics:** Assists in feeding heavy materials such as denim, canvas, or upholstery fabric evenly.
- **Multiple Layers:** Prevents puckering and uneven feeding when sewing several layers of fabric together.

Important Considerations:

- **Forward Movement Only:** Walking feet are not designed for use in reverse sewing or side-to-side stitching.
- **Stitch Types:** Avoid using built-in stitches that involve movements other than forward feeding of the fabric. Stick to straight stitches or simple decorative stitches that primarily move forward.
- **Speed:** For best results, sew at a moderate speed.

- **Fabric Preparation:** Always test on a scrap piece of your project fabric to ensure proper tension and stitch quality.

6. MAINTENANCE

Proper care will extend the life of your YEQIN Even Feed Walking Foot.

- **Cleaning:** Periodically remove any lint or thread buildup from the upper feed dogs and around the foot using a small brush or tweezers.
- **Storage:** Store the walking foot in a dry, clean place, preferably in its original packaging or a dedicated sewing accessory box, to protect it from dust and damage.
- **Inspection:** Before each use, inspect the foot for any signs of wear or damage, especially the upper feed dogs and the forked lever.

7. TROUBLESHOOTING

If you encounter issues while using your walking foot, consider the following:

- **Fabric Not Feeding Evenly:**
 - Ensure the walking foot is installed correctly and the forked lever is properly seated over the needle bar clamp screw.
 - Check that the presser foot screw is tightened securely.
 - Verify that your machine's feed dogs are engaged (not dropped).
- **Needle Breaking:**
 - Confirm that the needle passes cleanly through the needle hole of the walking foot without touching any part of the foot. Re-adjust if necessary.
 - Ensure the needle is inserted correctly and is the appropriate type and size for your fabric.
- **Stitches Skipping or Irregular:**
 - Check your machine's tension settings.
 - Ensure the needle is sharp and not bent.
 - Verify that the thread is correctly threaded through the machine and the walking foot.

8. SPECIFICATIONS

Feature	Detail
Model	#SA140
Compatibility	Low Shank Sewing Machines (e.g., Brother, Janome, Singer)
Package Dimensions	3.39 x 3.23 x 1.26 inches
Item Weight	2.39 ounces
Manufacturer	YEQIN
Date First Available	March 11, 2019

9. WARRANTY AND SUPPORT

Specific warranty information for the YEQIN Even Feed Walking Foot #SA140 is not provided in the product data. For details regarding warranty coverage, returns, or technical support, please contact the manufacturer, YEQIN, directly or refer to the retailer's policies where the product was purchased.

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