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## Elna EL710

# Elna eXcellence 710 Computerized Sewing and Quilting Machine Instruction Manual

## 1. INTRODUCTION

The Elna eXcellence 710 is a computerized sewing and quilting machine designed for precision and ease of use. It features a large sewing area, an Advanced Dual Feed system, and a variety of built-in stitches and functions to support diverse sewing projects. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your machine.



Figure 1: Front view of the Elna eXcellence 710 Sewing and Quilting Machine.

## 2. KEY FEATURES

- **170 Stitches:** Includes alphabet and 10 automatic buttonholes, with a 9 mm stitch width.
- **Convenience Functions:** Button-operated automatic thread cutter, one-step needle plate conversion, and lock stitch.
- **Touch Control Panel:** For easy selection of stitches and settings.
- **High Sewing Speed:** Up to 1000 stitches per minute.
- **Advanced Dual Feed System:** Evenly moves fabric from top and bottom for precision, ideal for multiple layers and pattern matching. Includes a removable Dual Feed foot wide.
- **15 Presser Feet:** For various sewing functions, including a Dual Feed wide and convertible free-motion quilting kit.
- **Integrated Storage:** Top compartment for presser feet and two compartments in the free arm.
- **Knee Lifter:** Allows lifting the presser foot with your leg, keeping hands on your project.
- **LED Lighting:** 5 built-in white LED lights in 3 areas for enhanced visibility.

### 3. SETUP

#### 3.1 Unpacking and Placement

Carefully remove the machine from its packaging. Place the machine on a stable, flat surface. Ensure adequate space around the machine for comfortable operation.



Figure 2: Side view of the Elna eXcellence 710, showing its compact design.

#### 3.2 Power Connection

Connect the power cord to the machine and then to a suitable electrical outlet. Ensure the machine's power switch is in the 'Off' position before connecting.

### 3.3 Attaching the Extension Table

The extension table provides an expanded workspace, particularly useful for quilting and larger projects. Slide the extension table onto the free arm until it clicks securely into place.



Figure 3: Elna eXcellence 710 with the extension table providing an expanded work surface.

### 3.4 Bobbin Winding

Place a spool of thread on the spool pin. Guide the thread through the bobbin winding tension disc and then around the empty bobbin. Place the bobbin onto the bobbin winder shaft and push it to the right. Press the start/stop button to begin winding. The machine will automatically stop when the bobbin is full.

### 3.5 Upper Threading

Raise the presser foot and the needle to its highest position. Follow the numbered threading path indicated on the machine, ensuring the thread is securely seated in all guides and tension discs. Use the built-in needle threader for easy threading of the needle eye.



Figure 4: Top view illustrating the threading path and stitch selection chart.

### 3.6 Inserting the Bobbin

Open the bobbin cover. Insert the wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction (usually counter-clockwise). Guide the thread through the tension spring and cutter. Close the bobbin cover.

## 4. OPERATING INSTRUCTIONS

### 4.1 Stitch Selection

Use the touch control panel to select your desired stitch. The machine offers 170 built-in stitches, including utility, decorative, and buttonhole stitches. Refer to the stitch chart located on the machine's top cover for visual reference.



Figure 5: Front view with storage compartments open, revealing accessories and stitch chart.

## 4.2 Adjusting Stitch Settings

After selecting a stitch, the touch control panel will display recommended stitch length and width. These can be adjusted using the dedicated buttons on the panel to suit your fabric and project requirements.



Figure 6: Close-up of the touch control panel for stitch and setting adjustments.

## 4.3 Starting to Sew

Place your fabric under the presser foot. Lower the presser foot. Use the start/stop button or the foot controller to begin sewing. Adjust the sewing speed using the speed control slider.

## 5. MAINTENANCE

## 5.1 Cleaning the Machine

Regularly clean the bobbin area and feed dogs to remove lint and dust. Use the provided lint brush. Disconnect the machine from power before cleaning. Do not use liquid cleaners or solvents.

## 5.2 Needle Replacement

Replace the needle frequently, especially when sewing different fabric types or if the needle becomes dull or bent. Always use the correct needle type and size for your fabric.

# 6. TROUBLESHOOTING

## 6.1 Common Issues

- **Skipped Stitches:** Check if the needle is inserted correctly, if it's bent or dull, or if the correct needle type is being used for the fabric.
- **Thread Breakage:** Ensure the machine is threaded correctly, the tension is appropriate, and the thread is not old or damaged.
- **Fabric Jamming:** Verify that the presser foot is lowered before sewing and that the correct presser foot is used for the task.
- **Uneven Stitches:** Check upper and bobbin thread tension. Ensure the machine is clean and free of lint.

## 7. SPECIFICATIONS

Feature	Detail
Product Dimensions	9 x 20.4 x 12.4 inches (9"D x 20.4"W x 12.4"H)
Item Weight	26.9 pounds
Manufacturer	Elna
Item Model Number	EL710
Power Source	Corded Electric
Material	Metal, Plastic
Color	White/Red
Assembly Required	No
Batteries Required	No





Figure 7: Dimensions of the Elna eXcellence 710 Sewing Machine.

## 8. INCLUDED ACCESSORIES

The Elna eXcellence 710 comes with a comprehensive set of accessories to get you started immediately:

- Standard foot A
- Rolled hem foot D
- Zipper foot E
- Satin stitch foot F
- Open-toe satin stitch foot F2
- Blind hem foot G
- Overlock foot M
- 1/4" seam foot O
- Darning foot PD-H
- Convertible free-motion quilting kit QB-S (including: closed-toe foot, open-toe foot, clear-view foot)
- Automatic buttonhole foot R with stabilizer plate
- Button sewing foot T
- Dual Feed foot AD wide system
- Straight stitch needle plate
- Knee lifter
- Quilting guide bar
- Bobbins

- Seam ripper
- Needle set
- Lint brush
- Spool holder small x2
- Spool holder large x2
- Spool holder special x2
- Spool rest
- Felt cushion
- Additional spool pin
- Screwdriver
- Touch panel stylus
- Foot controller
- Semi-hard cover
- eXcellence 710 Sewing Machine

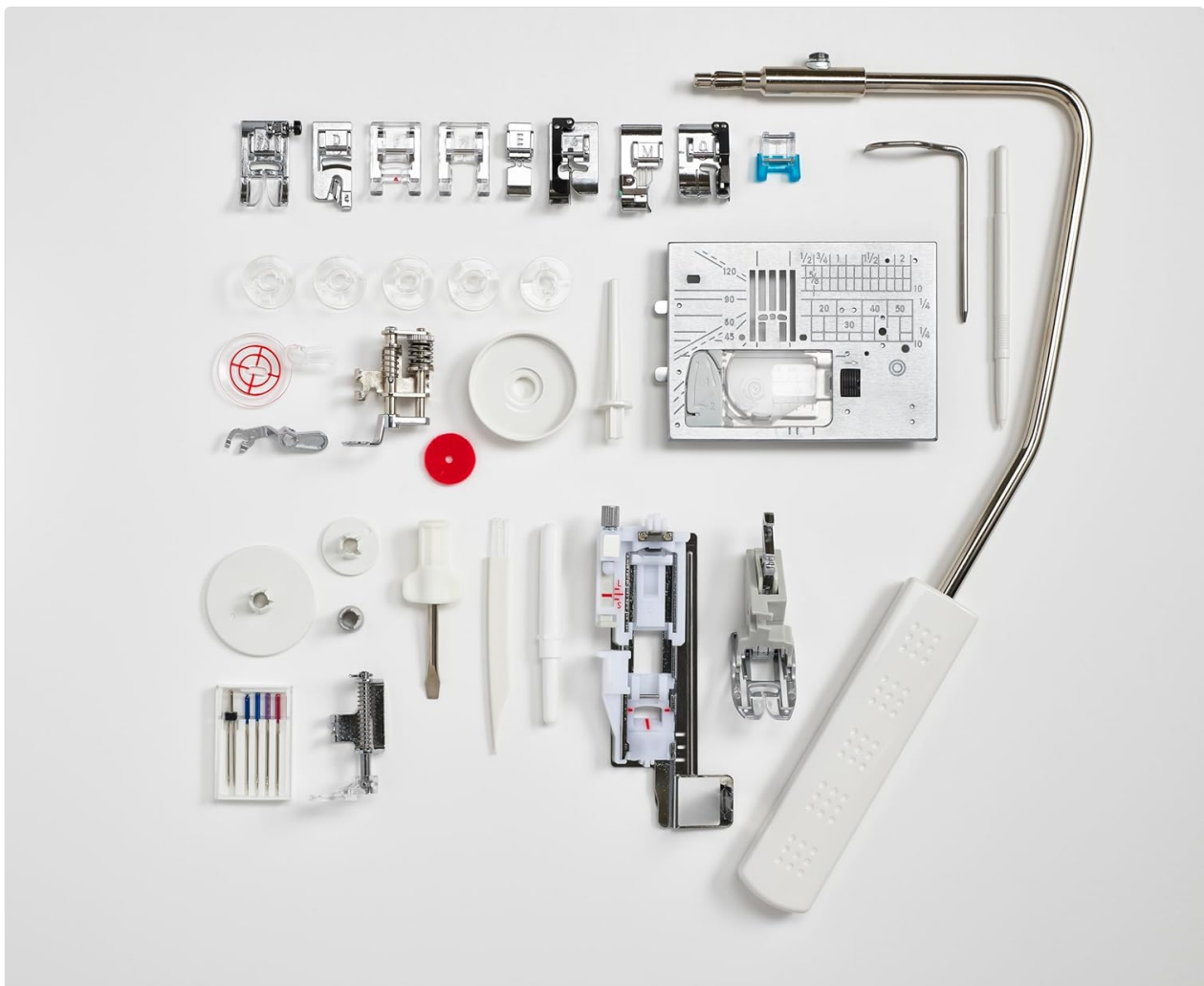


Figure 8: All included accessories, including various presser feet and tools.

## 9. WARRANTY AND SUPPORT






For warranty information and customer support, please refer to the documentation included with your product or visit the official Elna website. Keep your proof of purchase for warranty claims.



## 10. PRODUCT VIDEOS

No official product videos from the seller were found for this specific model in the provided data. Please refer to the written instructions or the manufacturer's website for visual guides.

### Related Documents - EL710

 <p>eXcellence 772 (Instruction Book)</p>	<p><a href="#">Elna eXcellence 772 Sewing Machine Instruction Manual</a></p> <p>Comprehensive guide for the Elna eXcellence 772 sewing machine, covering setup, operation, features, maintenance, and troubleshooting for optimal sewing results.</p>
 <p>eXcellence 782 (Instruction Book)</p>	<p><a href="#">Elna eXcellence 782 Sewing Machine Instruction Manual</a></p> <p>Comprehensive instruction manual for the Elna eXcellence 782 sewing machine, covering setup, operation, maintenance, troubleshooting, and various sewing applications. Learn to use your sewing machine effectively with detailed guides and diagrams.</p>
 <p>eXperience ELECTRONIC SEWING MACHINES</p>	<p><a href="#">Elna eXperience Electronic Sewing Machines: Features and Models</a></p> <p>Explore the Elna eXperience series of electronic sewing machines, offering all-purpose, high-quality, and affordable solutions for hobbyists and dressmakers. This brochure details models 520S, 540S, 550, 560, and 570, highlighting their features, benefits, and technical specifications.</p>
 <p>Bluse mit Raglan-Ärmeln</p>	<p><a href="#">Elna Raglan Sleeve Blouse Sewing Tutorial   Step-by-Step Guide</a></p> <p>Learn how to sew an elegant Elna blouse with raglan sleeves using this comprehensive tutorial. Features detailed instructions, materials list, and tips for creating a beautiful garment with Elna sewing machines.</p>
 <p>elna 3210 designed for jeans Accessories guide</p>	<p><a href="#">Elna 3210 Sewing Machine Optional Accessories Guide</a></p> <p>A comprehensive list of optional accessories available for the Elna 3210 sewing machine, designed for jeans. This guide details various presser feet, guides, bobbins, needles, and other helpful tools to enhance your sewing experience.</p>



## eXcellence 792PRO

(Instruction Sheet)



### [Elna eXcellence 792PRO Sewing Machine Instruction Manual](#)

Discover the full capabilities of your Elna eXcellence 792PRO sewing machine with this detailed instruction manual. Learn about setup, operation, stitch types, programming, sewing applications, maintenance, and troubleshooting for optimal results.