

## Elna eXtend Covermax

# Elna eXtend Covermax Coverstitch Serger Instruction Manual

Model: eXtend Covermax

## 1. INTRODUCTION

The Elna eXtend Covermax is a versatile coverstitch machine designed for professional seam finishing. It specializes in creating durable and aesthetically pleasing cover hems and chain stitches on various fabrics, particularly knits and stretch materials. This machine is an essential tool for garment construction, offering a range of stitching possibilities and user-friendly features.

The Elna eXtend Covermax combines up to 5-thread sewing with the use of 1, 2, or 3 needles, providing a variety of stitch programs for professional-looking hems. Its features include a unique top cover stitch, an exclusive built-in spreader for easy operation, and options for triple cover stitch, wide or narrow cover hem, and chain stitch.

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This video provides an overview of the key features and capabilities of the Elna eXtend Covermax Coverstitch Machine, demonstrating its use for professional seam finishing.

## 2. SETUP

Before operating your Elna eXtend Covermax, ensure it is placed on a stable, flat surface. Connect the foot controller and power cord to the machine and a suitable power outlet. Familiarize yourself with the machine's components, including the thread guides, tension dials, and needle area.

### 2.1 Threading the Machine

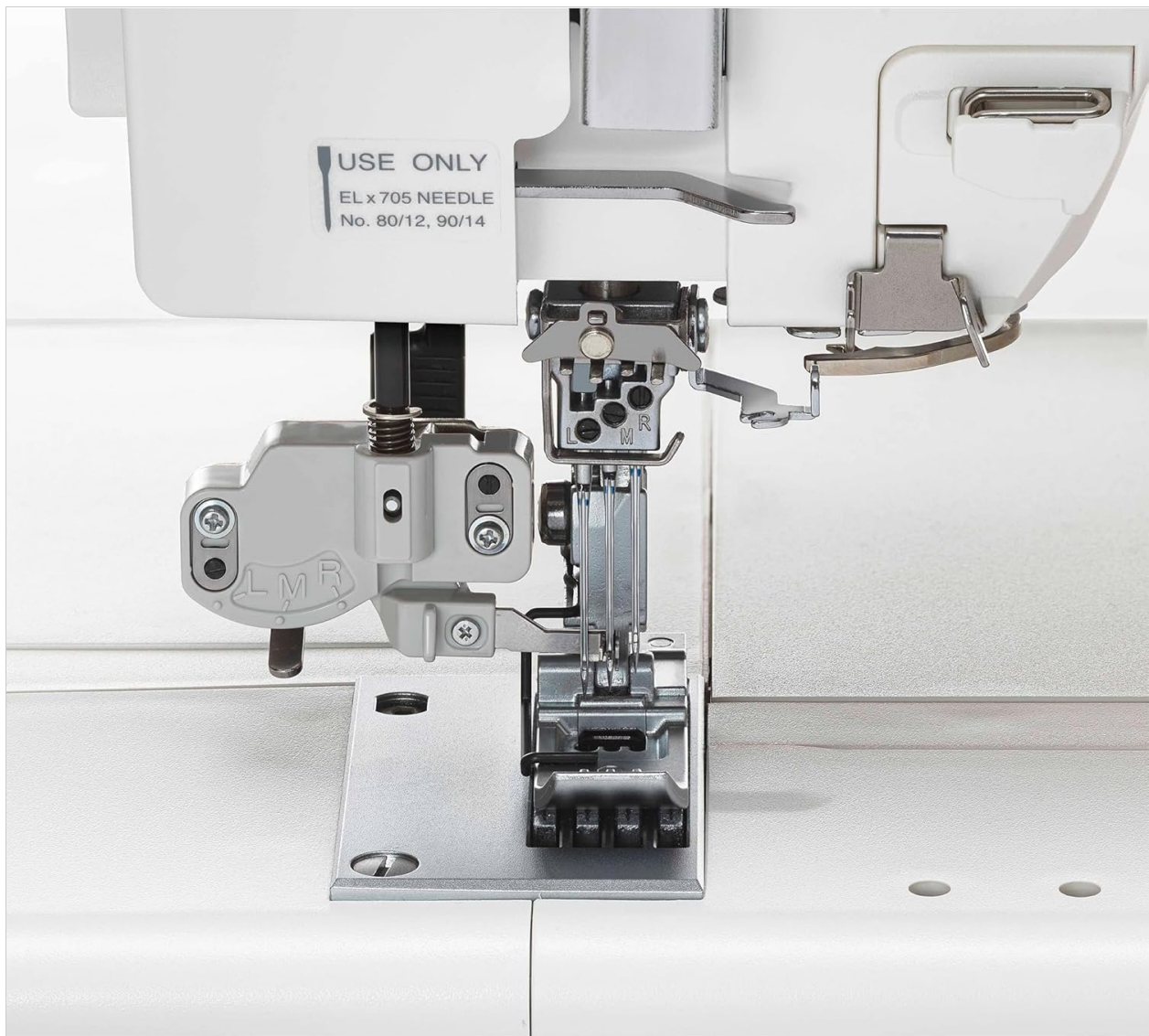
The Elna eXtend Covermax features color-coded guides and a release system for the looper, simplifying the threading process. Follow the numbered and colored paths indicated on the machine for each thread. The built-in needle threader further assists in quickly threading the needles.



The Elna eXtend Covermax with its side panel open, revealing the internal threading paths and mechanisms.

## 2.2 Needle Installation

The machine uses EL x 705 needles. Ensure needles are inserted correctly and securely. The built-in needle threader has a selection lever for all three needles (left, middle, right) to facilitate easy threading.



A close-up view of the built-in needle threader, designed for easy and precise needle threading.

### 3. OPERATING INSTRUCTIONS

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#### 3.1 Sewing Space and Lighting

The Elna eXtend Covermax offers 5.5 inches of sewing space to the right of the needle, providing ample room for various projects. It is equipped with two LED lights and an additional retractable front light to illuminate the sewing area, ensuring clear visibility of your work.



The retractable sewing light illuminates the needle area for improved visibility during operation.

### 3.2 Top Cover Stitch Function

An exclusive feature of this machine is the top cover stitch function, which allows for industrial-quality top cover hem stitches. This function is easily activated and can be switched back to normal cover stitches as needed. The machine includes an exclusive built-in spreader for simplified operation of this feature.





A close-up of the needle and presser foot area, demonstrating the precision of the coverstitch.

### 3.3 Free Arm Capability

The Elna eXtend Covermax features a convertible flat bed to free arm design. This allows for convenient sewing of tubular items such as pant legs, cuffs, and shirt sleeves, enhancing the machine's versatility for various garment projects.



The free arm feature allows for easy sewing of cylindrical items like sleeves and pant legs.

### **3.4 Tension Level Control (TLC)**

The Tension Level Control (TLC) system provides automatic thread tension adjustment, ensuring precise stitching on both fine and standard fabrics. A simple switch lever allows you to easily transition between 'Fine' and 'Standard' modes, optimizing tension for different material types without manual adjustments.



The Tension Level Control (TLC) knob allows for easy adjustment between fine and standard fabric settings.

### 3.5 Stitch Programs

The Elna eXtend Covermax offers a variety of stitch programs:

- **5 Thread / 3 Needle programs:** Triple top cover stitch
- **4 Thread / 2 Needle programs:** Top cover stitch wide (6mm) and narrow (3mm)
- **4 Thread / 3 Needle programs:** Triple cover stitch
- **3 Thread / 2 Needle programs:** Cover stitch wide (6mm) and narrow (3mm)
- **2 Thread / 1 Needle programs:** Chain Stitch

Adjustable stitch length from 1 to 4 mm and an adjustable differential feed ratio from 0.5 to 2.25 allow for further customization of your stitches.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Elna eXtend Covermax. Keep the machine clean and free of lint and dust, especially around the needle plate, feed dogs, and looper area. Use the provided lint brush and screwdrivers for cleaning and minor adjustments.

#### 4.1 Cleaning

Periodically remove the needle plate and clean out any accumulated lint with the lint brush. Ensure all thread paths are clear. Avoid using harsh chemicals for cleaning; a soft, dry cloth is usually sufficient for external surfaces.

#### 4.2 Oiling

Refer to the detailed instruction manual for specific oiling points and frequency. Use only high-quality sewing machine oil as recommended by Elna.



The accessory case contains essential tools for maintenance, including screwdrivers and a lint brush.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter during operation. For more detailed troubleshooting, consult the full instruction manual.

- **Skipped Stitches:** Check needle installation (ensure it's fully inserted and facing correctly), use the correct needle type (EL x 705) and size for your fabric, and verify threading.
- **Thread Breakage:** Inspect for incorrect threading, damaged needles, burrs on the needle plate or



looper, or excessive thread tension.

- **Uneven Stitches:** Adjust thread tension using the TLC system or individual tension dials. Ensure the differential feed is set appropriately for your fabric type to prevent stretching or puckering.
- **Machine Not Starting:** Confirm the power cord and foot controller are securely connected and the power switch is on.





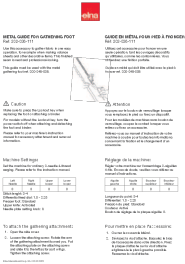

## 6. SPECIFICATIONS

Feature	Specification
Product Dimensions	9.6 x 16.2 x 13.1 inches (9.6"D x 16.2"W x 13.1"H)
Item Weight	18.9 pounds
Manufacturer	Elna
Item Model Number	eXtend Covermax
UPC	732212422140
Color	White
Stitch Width (3-needle)	6 mm
Stitch Width (2-needle)	6 mm (wide) / 3 mm (narrow)
Adjustable Stitch Length	1 to 4 mm
Adjustable Differential Feed Ratio	0.5 to 2.25
Maximum Sewing Speed	1,000 stitches per minute
Included Components	Clear-view foot, Tension release clip, Screw driver large, Screw driver small, Lint brush, Needle set, Spool holders large, Nets, Tweezers, Needle threader, Foot controller, Soft cover, Accessory case, Quick-start video available online, Instruction Manual, Elna eXtend Covermax coverstitch machine

## 7. WARRANTY AND SUPPORT

For information regarding product warranty, service, or technical support, please contact your local authorized Elna dealer. They can provide assistance with any questions or issues you may have concerning your Elna eXtend Covermax Coverstitch Serger.

Related Documents - eXtend Covermax

 <p>eXtend 664PRO</p> <p>(Instruction Manual) (Manuel d'instructions) (Bedienungsanleitung)</p>	<p><a href="#">Elna eXtend 664PRO Overlock Sewing Machine Instruction Manual</a></p> <p>Comprehensive instruction manual for the Elna eXtend 664PRO overlock sewing machine. Covers setup, operation, threading, maintenance, and troubleshooting with safety guidelines in English, French, and German.</p>
 <p>eXtend 664</p>	<p><a href="#">Elna eXtend 664 Overlock Machine: Instruction Manual</a></p> <p>This comprehensive instruction manual for the Elna eXtend 664 overlock sewing machine covers preparation, threading, test stitching, maintenance, and troubleshooting. Learn to operate your machine safely and effectively.</p>
 <p>eXtend easycover</p> <p>(Instruction Manual) (Bedienungsanleitung) (Manuel d'instructions)</p>	<p><a href="#">Elna eXtend easycover Instruction Manual</a></p> <p>Comprehensive instruction manual for the Elna eXtend easycover sewing machine, detailing setup, operation, stitch types, maintenance, and troubleshooting.</p>
 <p>eXtend 664PRO</p> <p>(Instruction Manual) (Manuel d'instructions) (Bedienungsanleitung)</p>	<p><a href="#">Elna eXtend 664PRO Overlock Sewing Machine: Instruction Manual &amp; Guide</a></p> <p>Comprehensive guide for the Elna eXtend 664PRO overlock sewing machine, covering setup, operation, stitch types, tension adjustments, maintenance, and troubleshooting for optimal sewing results.</p>
 <p>METAL GUIDE FOR GATHERING FOOT Model 202-036-111</p> <p>CAUTION: This metal guide is a sharp tool. It can cause injury if used improperly. Always use proper technique when using this tool. Do not use this tool on flammable materials. Do not use this tool on materials that are too thick or too thin. Do not use this tool on materials that are too hard or too soft. Do not use this tool on materials that are too hot or too cold. Do not use this tool on materials that are too wet or too dry. Do not use this tool on materials that are too rough or too smooth. Do not use this tool on materials that are too brittle or too tough. Do not use this tool on materials that are too flexible or too rigid. Do not use this tool on materials that are too elastic or too inelastic. Do not use this tool on materials that are too stretchy or too non-stretchy. Do not use this tool on materials that are too slippery or too grippy. Do not use this tool on materials that are too shiny or too dull. Do not use this tool on materials that are too smooth or too rough. Do not use this tool on materials that are too clean or too dirty. Do not use this tool on materials that are too new or too old. Do not use this tool on materials that are too good or too bad. Do not use this tool on materials that are too perfect or too imperfect. Do not use this tool on materials that are too beautiful or too ugly. Do not use this tool on materials that are too nice or too cheap. Do not use this tool on materials that are too expensive or too cheap. Do not use this tool on materials that are too valuable or too worthless. Do not use this tool on materials that are too precious or too common. Do not use this tool on materials that are too rare or too common. Do not use this tool on materials that are too unique or too common. Do not use this tool on materials that are too special or too common. Do not use this tool on materials that are too important or too unimportant. Do not use this tool on materials that are too useful or too useless. Do not use this tool on materials that are too helpful or too unhelpful. Do not use this tool on materials that are too good or too bad. Do not use this tool on materials that are too perfect or too imperfect. Do not use this tool on materials that are too beautiful or too ugly. Do not use this tool on materials that are too nice or too cheap. Do not use this tool on materials that are too expensive or too cheap. Do not use this tool on materials that are too valuable or too worthless. Do not use this tool on materials that are too precious or too common. Do not use this tool on materials that are too rare or too common. Do not use this tool on materials that are too unique or too common. Do not use this tool on materials that are too special or too common. Do not use this tool on materials that are too important or too unimportant. Do not use this tool on materials that are too useful or too useless. Do not use this tool on materials that are too helpful or too unhelpful.</p>	<p><a href="#">Elna Metal Guide for Gathering Foot - Model 202-036-111 Instructions</a></p> <p>Detailed instructions for using the Elna Metal Guide for Gathering Foot (Model 202-036-111) with your sewing machine to create professional gathered seams. Learn how to attach and use this accessory for decorative fabric gathering.</p>
 <p>eXtend 3210 designed for jeans</p> <p>Accessory 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>

