

MY BERNINA



Overlockers

L 450

L 460

L 850

L 890



PRODUCT GUIDE



AT A GLANCE BERNINA OVERLOCKER MACHINE FEATURES

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BERNINA L 450 OVERLOCKER

16 TOTAL OVERLOCKER STITCHES

4-thread overlock	2-thread wrapped overlock (wide / narrow)
3-thread super-stretch	2-thread flatlock (wide / narrow)
3-thread overlock (wide / narrow)	2-thread rolled hem
3-thread flatlock (wide / narrow)	2-thread overlock (wide/narrow)
3-thread narrow seam	3-thread picot stitch
3-thread rolled hem	

STANDARD ACCESSORIES

Standard Overlock Foot
 Upper Looper Converter
 Cut-Offs Bin
 Manual Needle Threader
 Tools and Accessories in Separate Box
 Dust Cover
 Seam Guide

GENERAL MACHINE FEATURES

AC Motor Drive
 1200 Stitches per Minute
 Stitch Length Adjustment 0.8-4 mm
 Differential Feed
 0.7-1 Stretching / 1-2 Gathering
 5 Step Presser Foot Pressure Adjustment
 Needle Checking Window
 Cutting Width Dimensions: 3-9 mm
 Weight: 18 lbs.
 Dimensions (w/o thread stand) (L/W/H):
 12.6" x 12.01" x 11.61"
 Adjustable Thread Tension Dials
 Upper Knife Drive from Below
 Thread Cutter with Clamp

BERNINA L 450 OVERLOCKER

COMFORT FEATURES

- Electronic Foot Control
- One-path Threading
- Color-Coded Threading Paths
- Micro Thread Control (mtc)
- Automatic Thread Tension Release
- Stitch Length Adjustable while sewing
- Accessory Storage in Looper Cover
- LED Sewing Light
- Rolled Hem Selection Lever
- Lower Looper Threading Lever



WARRANTY

- 1 years Electrical
- 1 years Printed Circuit Boards
- 5 years Mechanical

COMPATIBLE ACCESSORIES

- Slide-on Table
- Elasticator Foot
- Multi-Purpose Foot (with Guide)
- Gathering Foot
- Blindstitch Foot (.5 mm)
- Blindstitch Foot (1.0 mm)
- Deco Thread Guide
- Deco Spool Holder

BERNINA L 460 OVERLOCKER

16 TOTAL OVERLOCKER STITCHES

4-thread overlock	2-thread wrapped overlock (wide / narrow)
3-thread super-stretch	2-thread flatlock (wide / narrow)
3-thread overlock (wide / narrow)	2-thread rolled hem
3-thread flatlock (wide / narrow)	2-thread overlock (wide/narrow)
3-thread narrow seam	3-thread picot stitch
3-thread rolled hem	

STANDARD ACCESSORIES

Standard Overlock Foot
 BERNINA Foot Control and Power Cord
 BERNINA Free Hand System Knee Lifter (FHS)
 Upper Looper Converter
 Cut-Offs Bin
 Manual Needle Threader
 Tools and Accessories in Separate Box
 Dust Cover
 Seam Guide
 Slide-on Table

GENERAL MACHINE FEATURES

DC Motor Drive
 1500 Stitches per Minute
 Stitch Length Adjustment 0.8-4 mm
 Differential Feed
 0.7-1 Stretching / 1-2 Gathering
 Stitch-by-Stitch Sewing
 Micro Thread Control (mtc)
 Needle Checking Window
 5 Step Presser Foot Pressure Adjustment
 Cutting Width Dimensions: 3-9 mm
 Weight including Slide-on Table and
 Free Hand System: 21.6 lbs.
 Dimensions (w/o thread stand) (L/W/H):
 12.6" x 12.01" x 11.61"
 Dimensions including Slide-on Table
 and Cut-offs Bin: (L/W/H):
 17.9" x 14.33" x 11.61"
 Adjustable Thread Tension Dials
 Upper Knife Drive from Below
 Safety Indicator (LED)
 Thread Cutter with Clamp
 LED Sewing Light

BERNINA L 460 OVERLOCKER

COMFORT FEATURES

- BERNINA Foot Control
- BERNINA Free Hand System (FHS)
- One-path Threading
- Color-Coded Threading Paths
- Automatic Thread Tension Release
- Stitch Length Adjustable while Sewing
- Accessory Storage in Looper Cove
- Safety Switch
- Automatic Needle Stop Up
- Needle Stop Up/Down
- Rolled Hem Selection Lever
- Lower Looper Threading Lever



WARRANTY

- 1 years Electrical
- 1 years Printed Circuit Boards
- 5 years Mechanical

COMPATIBLE ACCESSORIES

- Elasticator Foot
- Multi-Purpose Foot (with Guide)
- Gathering Foot
- Blindstitch Foot (.5 mm)
- Blindstitch Foot (1.0 mm)
- Deco Thread Guide
- Deco Spool Holder

L 8 Series Key Selling Features

1. It's a BERNINA—Designed, Engineered & Manufactured by BERNINA

- Quality
- Precision
- Longevity
- Education and technical support
- Looks and feels like a BERNINA

2. Ease of Use

- One-step BERNINA Air Threader
- One-path Threading
- Grand Sewing Space
- Convenience Features

3. Total Stitch Control

- Be in total control of the stitch
- Use a variety of fabrics and thread in any combination
- Ability to personalize and perfect the stitch beyond pre-set limits



L 8 Series Benefits

The BERNINA Advantage

If you're a proud owner of a BERNINA sewing machine, then you'll be thrilled with the L 8 Series Overlockers because they are packed with the many functions and BERNINA benefits you already know and love.

The Best of Swiss Engineering: The One-step BERNINA Air Threader

The One-step BERNINA Air Threader makes threading the looper threads unbelievably easy. Our Swiss engineers have created a masterpiece. In fact, it's actually fun. No more dreading threading! One of the biggest advantages when threading both looper threads is both hands remain free. The threads are magically moved through the machine via one simple step on the foot control. Remarkably quick and easy! The L 8 Series automatically sets the loopers in the correct position for the air threader—no turning the handwheel or searching for the right position. Simply press the foot control and you're off!

Quick Threading

Color-coded One-path Threading enables your customers to switch from an overlock stitch to a coverstitch or to a combo stitch in no time flat. The needle and looper threads are always threaded following the same path and can be threaded in any order; therefore, not necessary to use reference materials to see where to place the threads for any stitch.

Extremely Convenient

Many functions of the L 8 Series machines offer sewing convenience that meets the highest standards. For example, both models are equipped with the BERNINA Free Hand System (FHS), a knee-operated lifter that raises and lowers the presser foot, leaving both hands free to guide the fabric—a significant advantage when sewing corners! In addition, the presser foot easily swings out for convenient access to the needles.

Grand Sewing Space

The space offered on the L 8 Series Overlockers is generous by any definition. They have more room to the right of the needle and more workspace height than any other BERNINA Overlocker on the market. That means guiding fabric and accessing the presser foot lifter and needles is simple and more comfortable. Sew closed items with ease by simply sliding sleeves or cuffs over the convenient freearm. In addition, the large slide-on extension table expands the work surface area and simplifies the sewing of larger projects. The bright LED sewing light provides improved visibility when sewing, during both day and night.

Total Stitch Control

The L 8 Series Overlockers were designed and engineered to work with a wide variety of fabrics and threads in any combination. With recommended default settings, the inexperienced customer can immediately get started on their project. The experienced customer has numerous options to personalize the settings for endless creativity. The best part? They can change all of these settings while sewing—including adjusting the cutting width and stitch length. The result is beautiful overlock, cover and combo seams ideally matched to your customer's sewing project.

Extremely Fast, Precise and Quiet

The L 8 Series Overlockers reach a maximum sewing speed of over 1,300 stitches per minute. The foot control allows you to control the motor providing strong, consistent stitching power and precision at any sewing speed. Not only can you sew quickly, but you can also sew stitch-by-stitch, making the flawless production of precise lines and curves a simple process. And all of this is achieved with the amazingly quiet hum of a BERNINA.

BERNINA L 850 OVERLOCKER

18 TOTAL OVERLOCKER STITCHES

4-thread overlock	2-thread wrapped overlock (wide / narrow)
3-thread super-stretch	2-thread flatlock (wide / narrow)
3-thread overlock (wide / narrow)	2-thread rolled hem
3-thread flatlock (wide / narrow)	2-thread overlock (wide/narrow)
3-thread narrow seam	2-thread blanket (wide/narrow)
3-thread rolled hem	3-thread picot stitch

STANDARD ACCESSORIES

Standard Overlock Presser Foot #L10
 BERNINA Foot Control and Power Cord
 Built-in Upper Looper Converter
 Cut-offs Bin
 Slide-on Table
 Tools and Accessories in Separate Box
 BERNINA Freehand System Knee Lifter
 (FHS)
 Dust Cover
 Seam Guide

GENERAL MACHINE FEATURES

DC Motor Drive
 Built-in Needle Threader
 1500 Stitches per Minute
 Speed Selection Switch from 1500 to
 650 spm
 Stitch Length Adjustment 0.8-4.5 mm
 Differential Feed
 0.7-1 Stretching / 1-2 Gathering
 Stitch-by-Stitch Sewing
 Needle Checking Window
 6 Step Presser Foot Pressure Adjust
 Cutting Width Dimensions: 3-9 mm
 Grand Sewing Space: 5 5/8" to right of
 needle / height of 3 3/8"
 Weight: 27.1 lbs.
 Dimensions (w/o thread stand) (L/W/H):
 17" x 11" x 13.75"
 Dimensions with Slide-on Table:
 22.5" x 13.75" x 13.75"
 Adjustable Thread Tension Dials
 Upper Knife Drive from Below
 Pulse Drive
 Safety Switch for Covers
 Safety Switch for Presser Foot
 Thread Cutter with Clamp
 LED Sewing Light

BERNINA L 850 OVERLOCKER

COMFORT FEATURES

- BERNINA Foot Control
- BERNINA Free Hand System (FHS)
- BERNINA One-step Air-Threader
- One-path Threading
- Color-Coded Threading Paths
- Threading in any Sequence
- Micro Thread Control (mtc)
- Automatic Thread Tension Release
- Stitch Length Adjustable while sewing
- Accessory Storage in Looper Cover
- Rolled Hem Selection Lever
- Safety Switch
- Automatic Needle Stop Up
- Needle Stop Up/Down
- Swing-out Presser Foot
- Freearm
- Large Stitch Length and Differential
 - Feed Knobs
- Large Tension Dials
- Motor Speed Switch



WARRANTY

- 2 years Electrical
- 5 years Printed Circuit Boards
- 20 years Mechanical

COMPATIBLE ACCESSORIES

- Elasticator Foot #L14
- Beading and Sequin Foot #L15
- Piping Foot #L16 L (5 mm)
- Piping Foot #L16 S (3 mm)
- Cording Foot #L17
- Gathering Foot #L18
- Blindstitch Foot #L19
- Decorative Threads Guide #L25
- Decorative Thread Spool Pin #L26

BERNINA L 890 COMBO

27 TOTAL STITCHES

4-thread overlock	2-thread blanket (wide/narrow)
3-thread super-stretch	3-thread picot stitch
3-thread overlock (wide / narrow)	4-thread coverstitch 6 mm LC-CC-RC
3-thread flatlock (wide / narrow)	3-thread coverstitch 6 mm LC-RC
3-thread narrow seam	3-thread coverstitch 3 mm LC-CC
3-thread rolled hem	3-thread coverstitch 3 mm CC-RC
2-thread wrapped overlock (wide / narrow)	2-thread chainstitch RC
2-thread flatlock (wide / narrow)	3-thread overlock + chainstitch (wide / narrow)
2-thread rolled hem	2-thread overlock + chainstitch (wide / narrow)
2-thread overlock (wide/narrow)	

STANDARD ACCESSORIES

Standard Combo Foot #C11
 Cover-/Chainstitch Foot #C13
 BERNINA Foot Control and Power Cord
 BERNINA Free Hand System Knee Lifter (FHS)
 Built-in Looper Converter
 Manual Needle Threader
 Cut-offs Bin
 Tools and Accessories in Separate Box
 Accessory Storage in Looper Cover
 Built-in Cover/Chainstitch Insert
 Dust Cover
 Seam Guide
 Freearm Cover
 Slide-on Table
 Coverstitch Insert with Seam Markings
 CS Lock Tool
 Knife Cover Insert
 Touchscreen Pen
 CS Lock Tool

BERNINA L 890 Combo

TECHNICAL DATA

DC Motor
 1350 Stitches per Minute
 Programmable Sewing Speed with minimum and maximum range
 Auto-default Stitch Length Setting (also adjustable on screen) 0.8-4.5 mm
 Coverstitch Width 3.0 / 6.0 mm
 Combo Stitch Width 7 mm to 11 mm
 Auto-default Differential Feed Setting
 0.7-1 Stretching / 1-2 Gathering (also adjustable on-screen)
 Stitch-by-Stitch Sewing
 Needle Checking Window
 6 Step Presser Foot Pressure
 Cutting Width Dimensions: 3-9 mm
 Grand Sewing Space: 5 5/8" to right of needle / height of 3 3/8"
 Weight: 28.9 lbs.
 Dimensions (w/o thread stand) (L/D/H):
 17" x 11" x 13.75"
 Dimensions with Slide-on Table:
 22.5" x 13.75" x 13.75"
 Auto-default Thread Tension Settings (also adjustable on-screen)
 Upper Knife Drive from Below
 Pulse Drive
 Safety Switch for Covers
 Safety Switch for Presser Foot
 Thread Cutter with Clamp
 LED Sewing Light

BERNINA L 890 COMBO

MACHINE FEATURES

Centrally Located 4.3" Color Touch Screen
BERNINA Foot Control
BERNINA Free Hand System (FHS)
Freearm
One-step BERNINA Air-Threader
One-path Threading
Color-Coded Threading Paths
Threading in any Sequence
Micro Thread Control (mtc)
Automatic Thread Tension Release
Stitch Length Adjustable while sewing
Accessory Storage in Looper Cover
Rolled Hem Selection Lever
Creative Consultant
Wizard
Tutorials
On-screen Help
Two User Modes
 Guided Mode / Expert Mode
Stitch View
 Multi-color or Monochromatic
Stitch Selection Tab
Stitch Optimizer
Personal Memory Tab
Setup Program
Presser Foot Indicator
Automatic Needle Stop Up
Needle Stop Up/Down
Programmable Needle Stop Up
Swing-out Presser Foot
ECO Mode



WARRANTY

2 years Electrical
5 years Printed Circuit Boards
20 years Mechanical

COMPATIBLE ACCESSORIES

Coverstitch/Compensating Foot #C12
Elasticator Foot #C14
Beading and Sequin Foot #C15
Piping Foot #C16 L (5 mm)
Piping Foot #C16 S (3 mm)
Cording Foot #C17
Gathering Foot #C18
Blindstitch Foot #C19
Decorative Threads Guide #L25
Decorative Thread Spool Pin #L26