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BERNINA L 860

THE UNIQUE OVERLOCKER

DESIGNED AND ENGINEERED IN SWITZERLAND

ONE-STEP
BERNINA
AIR
THREADER



made to create **BERNINA**

“It’s amazing: the technology of the L 860 makes you feel like there’s a teacher inside the machine.”

JULIAN COLLINS,
DESIGNER
AKA "JULIAN CREATES"



Julian Collins is fascinated by the L 860—and for good reason. Because the L 860 is the perfect overlocker for beginners and professionals alike. From easy looper threading with the One-step BERNINA Air Threader, to navigation on the large touch screen for an easy stitch selection, to the built-in needle threader and swing-out presser foot, the L 860 simplifies his entire sewing process. Like Julian, you’ll appreciate the Expert and Guided Modes to help you create your perfect stitch.



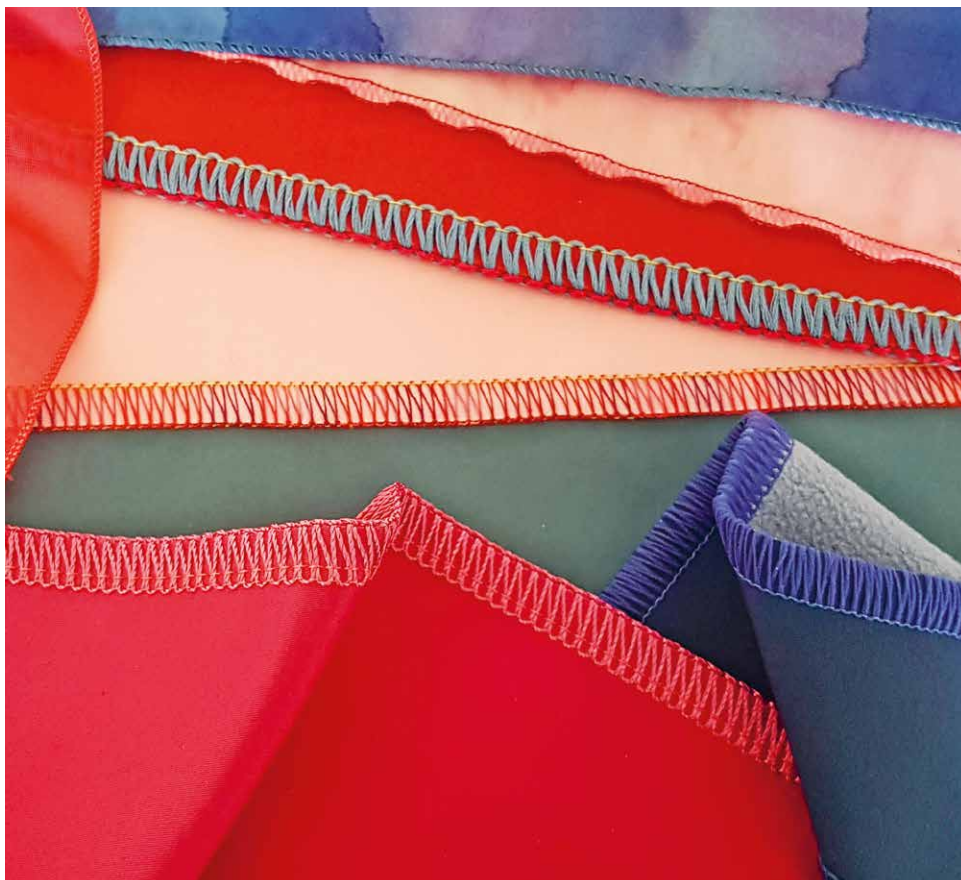
SEW LIKE A PRO!

FLAWLESS FINISHES AND ENDLESS CREATIVITY ABOUND WITH THIS SPECIALIST ON YOUR TEAM.

The L 860 is the perfect complement to your sewing machine, since seams and hems of all kinds are its specialty. It's easier than ever to get perfect overlock, flatlock and rolled hem stitches or create stitches of your own.

THERE ARE MANY REASONS TO ADD A BERNINA OVERLOCKER TO YOUR LINEUP:

- It sews, cuts and finishes in one easy step
- It creates professional, durable seams and hems
- Easily handles knit, stretchy and woven fabrics
- Perfect rolled hems are so simple
- Differential feed makes perfect seams easy
- Gather ruffles as you please with differential feed
- Limitless creative possibilities with decorative threads and stitch width up to 9 mm
- Selection of optional accessories for unlimited creativity



TRADITION & INNOVATION

BERNINA has been passionately dedicated to the development and manufacturing of high-quality sewing machines since 1893. Today, we are proud to present a new milestone in our history—the BERNINA L 860 Overlocker with touch screen. This innovation, manufactured by BERNINA, is 100% designed and engineered in Switzerland.

THE PERFECT SEAM FOR EVERY IDEA

The BERNINA L 860 is perfectly suited for **working with all types of fabrics, particularly highly elastic and knitted materials, and threads**. It sews, cuts and finishes in one easy step, so that your sewing projects take shape in no time. It sews using 2, 3 or 4 threads, providing the perfect stitch for functional or creative applications. The L 860 Overlocker offers **overlock, flatlock, rolled hem and blanket stitches as well as wrapped overlock stitches**, all selectable via the **color touch screen**.

THE BEST OF SWISS ENGINEERING: THE ONE-STEP BERNINA AIR THREADER

The exclusive **One-step BERNINA Air Threader** makes threading the loopers unbelievably easy. The threads are magically moved through the machine via one simple step on the foot control. 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 L 860 **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

Threading the needles is simple thanks to the **integrated needle threader** and the **automatic needle stop up function**. **One-path Threading** with color coding allows you to change from an overlock seam to a rolled hem or a flatlock seam in no time without changing the threading path.

INTUITIVE OPERATION VIA TOUCH SCREEN

The L 860 is easily operated using the **centrally located Color Touch Screen**. Stitch selection, individual stitch settings, stitch properties or memory—the touch screen has all of the information available at your fingertips anytime you need it and allows you to make changes while sewing. A **Creative Sewing Consultant, Stitch Optimizer and helpful animations** for all functions are available to you. Stitch selection can be performed in two modes: Advanced users can apply all desired settings directly, quickly and individually in **Expert Mode**, while in **Guided Mode**, sewists will receive step-by-step **instructions for stitch selection, machine settings and stitch optimization**. Both modes **automatically set the thread tension, stitch length and the differential feed** along with the stitch selection.

TOTAL STITCH CONTROL

All settings can be changed individually and 100 stitches can be saved in your **Personal Memory**. Stitch length, differential feed and thread tension can also be adjusted while sewing. The needle stop can be **permanently set up or down**, depending on the application. With the **Micro Thread Control (mtc)**, the amount of the overedge thread can be precisely adjusted with a simple turn of the mtc knob. The result? Perfect overlock, flatlock and rolled hems as well as decorative edges ideally suited for your sewing project thanks to **Total Stitch Control**.



L 860: THE UNIQUE OVERLOCK



6-step presser foot pressure

Color touch screen with Guided Mode and Expert Mode

LED sewing light

Built-in needle threader

Slide-on extension table

Workspace height
3 3/8" (86 mm)

5 5/8" (143 mm) to the right of the needle

Frearm

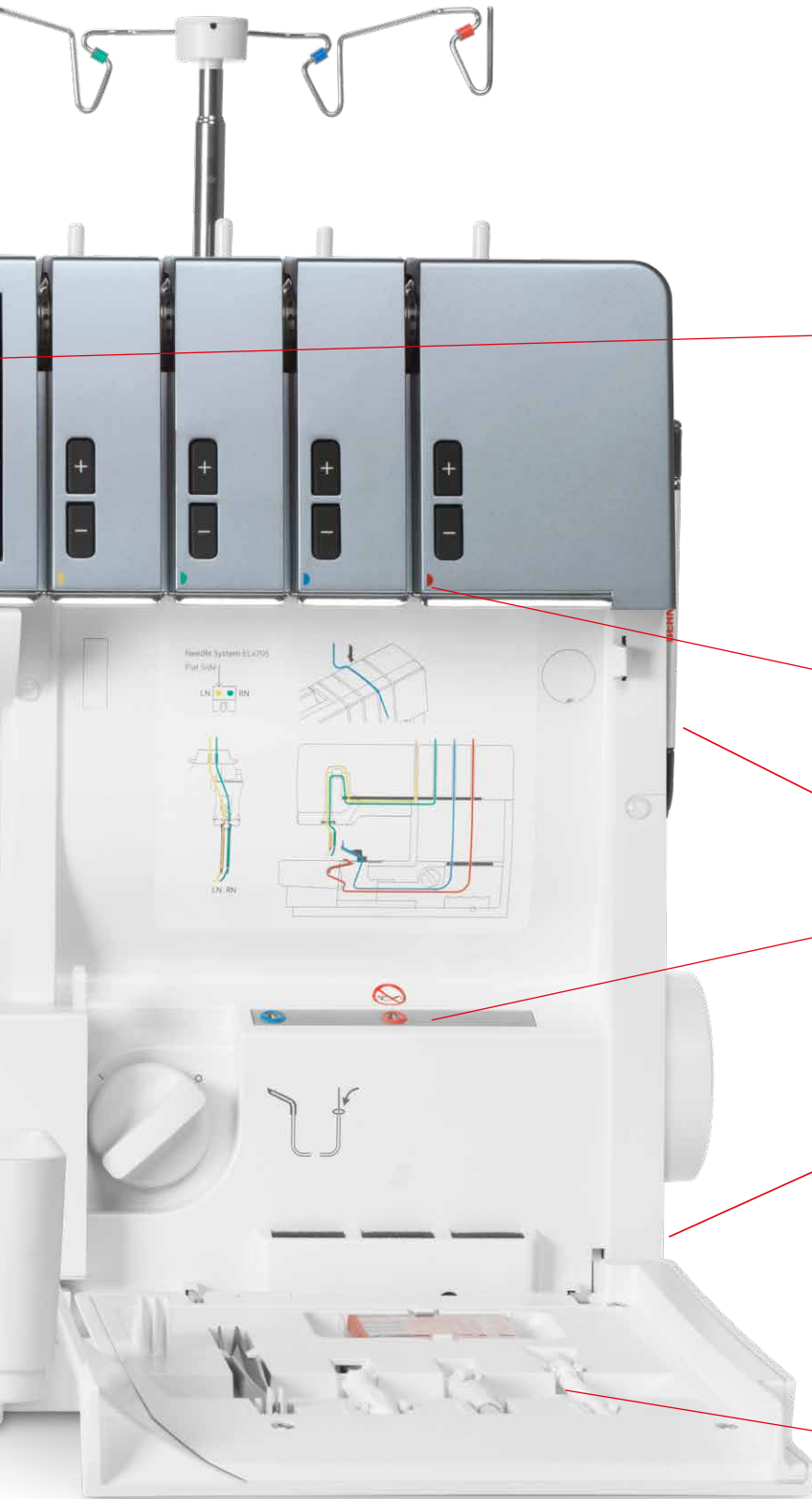
Adjustment of knife position for stitch width

Knife on/off

Micro Thread Control (mtc)

Cut-offs bin

CKER



All settings on the screen:

- Stitch selection with automatic thread tension, stitch length, and differential feed
- Access to your Personal Memory, Stitch Optimizer, Creative Sewing Consultant, tutorial, animations, settings assistance
- Programmable needle stop up/down

Color-coded One-path Threading

Touch pen

One-step BERNINA Air Threader

**BERNINA Free Hand System (FHS)—
Knee lifter**

Accessories in the threader cover

THE BERNINA ADVANTAGE

If you're a proud owner of a BERNINA sewing machine, then you'll be thrilled with the L 860 Overlocker because it's packed with the many functions and **BERNINA benefits** you already know and love. Don't own a BERNINA? Well you're in for a treat! Once you experience the BERNINA Overlocker, you won't want anything else.

GRAND SEWING SPACE

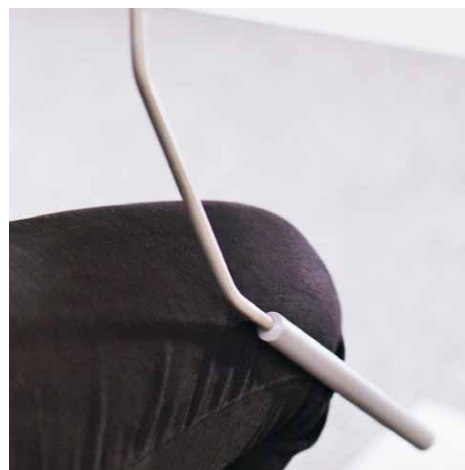
The space offered on the L 8 Series machines is generous by any definition. They have more **room to the right of the needle** and **more workspace height** than any other BERNINA overlocker. That means simple access to the presser foot lifter and needles, as well as more comfortable guiding of the fabric. 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.

EXTREMELY FAST, PRECISE & QUIET

The L 860 reaches a maximum sewing speed of **1,500 stitches per minute (spm)**. The foot control allows you to control the motor providing **strong, consistent stitching power as well as precision at any sewing speed**. Not only can you sew quickly, but you can set the sewing speed as slow as 250 spm. Using the BERNINA Foot Control gives you the ability to sew stitch-by-stitch, making precise lines and flawless curves a simple process. And all of this is achieved with the **amazingly quiet** hum of a BERNINA. Program and control the maximum and minimum speeds via the color touch screen.

EXTREMELY CONVENIENT

Many functions of the L 860 Overlock machine offer sewing convenience that meets the highest standards: Make handling easier by pressing the foot control with your heel to **raise or lower the needle by a half stitch**. The **BERNINA Free Hand System (FHS)**, a knee-operated lifter that raises and lowers the presser foot, leaves 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.



THE MOST IMPORTANT FUNCTIONS OF THE BERNINA L 860

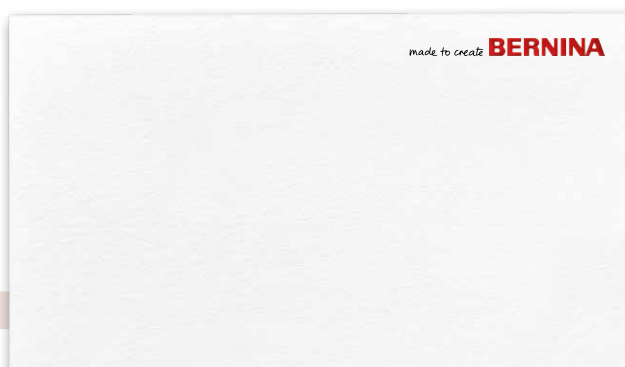
Stitch Variations	L 860
Total number of stitches	18
4-thread overlock	1
3-thread overlock (wide/narrow)	2
3-thread super-stretch	1
3-thread flatlock (wide/narrow)	2
3-thread narrow seam	1
3-thread rolled hem	1
3-thread picot stitch	1
2-thread overlock (wide/narrow)	2
2-thread flatlock (wide/narrow)	2
2-thread rolled hem	1
2-thread wrapped overlock (wide/narrow)	2
2-thread blanket stitch (wide/narrow)	2

Comfort Features	L 860
One-step BERNINA Air Threader (for looper threads)	✓
Color touch screen	4.3"
Expert Mode and Guided Mode	✓
Stitch selection / Settings on the screen	✓
Personal Memory for 100 individual stitches	✓
Built-in tutorials and helpful animation	✓
Creative Sewing Consultant	✓
Stitch Optimizer	✓
Freearm	✓
Sewing space to the right of the needle	5½" (143 mm)
Workspace height	3¾" (86 mm)
BERNINA Free Hand System (FHS) with knee lifter	✓
Swing-out presser foot with auto swing back	✓
2-step presser foot lifter with front-foot-lift (FFL)	✓
Built-in needle threader	✓
Automatic needle stop up	✓
Needle stop up/down programmable	✓
Needle up/down with BERNINA Foot Control	✓
Stitch-by-stitch sewing	✓
Color-coded One-path Threading	✓
Thread tension adjustable while sewing	✓
Thread tension release when presser foot raised	✓
Micro Thread Control (mtc)	✓
Adjustable stitch length while sewing	✓
Adjustable differential feed while sewing	✓
Adjustable cutting width while sewing	✓
Rolled hem lever integrated under stitch plate	✓
Easy to engage and disengage the knife from outside	✓
Integrated upper looper converter	✓
LED sewing light	✓
Thread cutter	✓
Speed control via touch screen	✓
Safety switch for open cover and raised presser foot	✓
Accessories in the threader cover	✓

Technical Specifications	L 860
Stitch width 3–9mm	✓
6-step presser foot pressure	✓
DC Motor	✓
Maximum sewing speed (stitches per minute)	1,500
Weight of machine	28.8 lbs/13.1 kg

Standard Accessories	L 860
Standard Overlock Foot #L10 (with Tape Guide)	✓
Slide-on extension table	✓
Freearm cover	✓
Cut-offs bin	✓
BERNINA foot control	✓
Right seam guide	✓
Tweezers	✓
Manual needle threader/insertor	✓
Set of ELX705 CF needles, assorted	✓
Touch pen	✓
Brush	✓
Screwdriver	✓
CS Lock Tool	✓
Accessories boxes	✓
Dust cover	✓

We reserve the right to make changes to machine features, equipment and design. Additional information is available at your local BERNINA store.



BERNINA recommends threads from

