

BERNINA L 6 SERIES

SIMPLY ENJOYABLE



BERNINA *made to create*

BERNINA Overlock & Coverstitch Machines

Unlimited Possibilities for Your Projects

Overlock and Coverstitch machines excel at creating every type of edge finish with ease. They deliver professional-quality, durable seams and hems on knit fabrics while also handling woven materials with exceptional precision. Thanks to advanced Differential Feed and mtc Micro Thread Control, you can achieve flawless stitches across any thread and fabric combination.

Whether you're sewing rolled hems or adding decorative flatlock accents, your projects receive a refined, custom touch. Coverstitch capabilities expand your creative options even further—producing beautifully bound edges, sturdy serger straight stitch seams, impeccable hems with two or three needles, and perfectly spaced topstitching for activewear and athleisure garments. Belt loops, necklines, bindings, and elastic insertions are finished cleanly and professionally every time.

From the finest frills to effortless gathering effects, your machine empowers you to add stylish details and high-end finishes in no time at all.

FOR PROFESSIONAL RESULTS

What seems too good to be true becomes reality with an overlock machine: cutting and finishing the fabric edge neatly in a single step while simultaneously sewing the seam or hem. No matter what you sew, you'll complete your projects faster than ever before. Plus, your creations will look more professional—inside and out.

PERFECT COVERSTITCHES SEWN WITH EASE

A coverstitch machine opens up a whole new world of creative freedom. Cover and chainstitches enhance a garment and give every detail the perfect, high-quality look. Whether with one, two, or three needles, the L 620 always achieves a professional finish effortlessly and with unparalleled comfort and ease.

The Advantages of Overlock and Coverstitch Machines:

- Professional finishing of fabric edges
- Quick and easy for perfect results
- Differential Feed for wave-free seams or gathering effects
- Ideal for jersey knit, stretch, and woven fabrics
- Perfect for creating fine edge finishes on delicate silk or satin fabrics, as well as for sewing heavy linen, fleece, and denim fabrics

#ABIGDAY with the
BERNINA L 6 Series – please scan
the QR code to view the video!







The BERNINA L 6 Series – simply unique

- 1 One-Step BERNINA Air Threader with threading light
- 2 Built-in needle threader
- 3 Swing-out presser foot
- 4 BERNINA Free Hand System (FHS) with Feed Dog Drop
- 5 mtc Micro Thread Control with 3-9 mm stitch width (L 660)
- 6 Powerful yet silent DC motor for optimal control of the sewing speed
- 7 Automatic needle stop up and programmable needle stop down
- 8 Slide-on Table for large projects
- 9 Excellent sewing light with dimming function
- 10 Modern and attractive design



BERNINA L 6 Series

Compact Design with Unmatched Sewing Comfort

CLEVERLY EQUIPPED FOR EASILY GETTING STARTED

The BERNINA L 6 Series includes the L 660 overlocker and the L 620 coverstitch machine. These models combine functional ingenuity, intuitive operation, and minimalist design to create a sewing experience that supports and encourages your creativity.

Threading is particularly easy thanks to BERNINA's One-step Air Threader and clearly defined color-coded threading paths, **which are the same for every stitch**. The foot swings out to the side providing free access to the needles and making threading more comfortable. Moreover, the entire sewing area is very brightly lit.

Fully adjustable stitch length, differential feed, thread tension, mtc (Micro Thread Control) and width can be used to define each stitch to your liking. You are in total control even while sewing. With the powerful yet pleasantly quiet DC motor, you can sew with consistently high needle piercing power, regardless of challenging material.

MORE COMFORT AND MORE PRECISION

The L 660 and L 620 come with a bunch of extra comfort features. Both models feature the built-in BERNINA Free Hand System (FHS). This allows you to lower or temporarily raise the presser foot using a knee lifter so that both hands remain free to guide the fabric. When you operate the knee lifter, the feed dogs are lowered, which provides more clearance when positioning the project. Other features include the BERNINA foot control and the programmable needle stop position.

Another highlight is the BERNINA Foot Control. With a back-kick, you can raise or lower the needle by half a stitch, making sewing more convenient. The desired needle stop position can now also be programmed directly via the foot control. It is up to you whether the needle stops up or down when the sewing is paused.

Both models include the Slide-on Table as standard. In addition, the L 620 has a Coverstitch Insert with seam guide markings that is compatible with the Slide-on Table.

One-Step BERNINA AIR THREADER

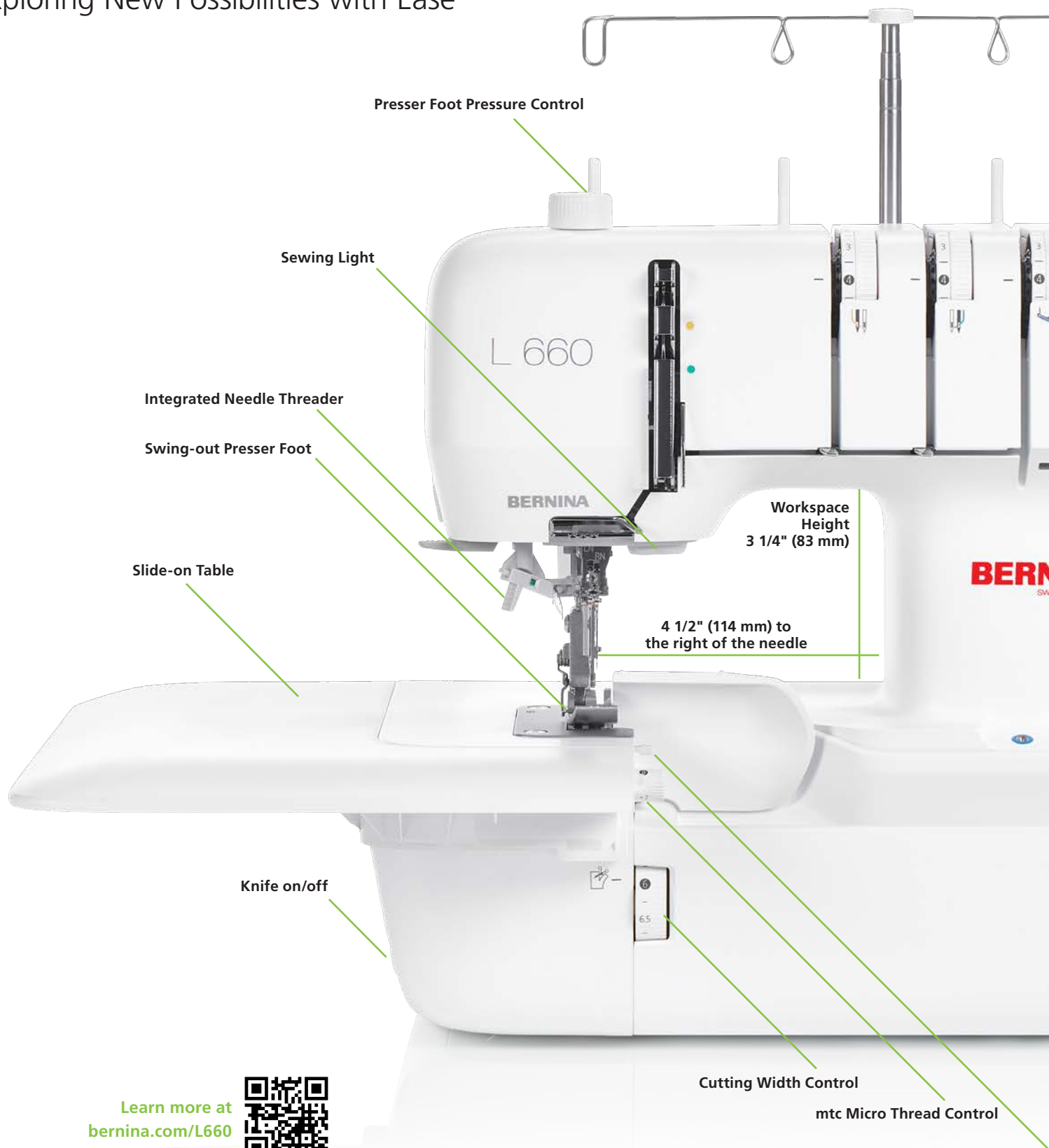
The L 6 Series feature the One-step BERNINA Air Threader, ensuring fast and uncomplicated looper threading. You can thread your machine in any sequence, making even re-threading a breeze. Hold the threads over the Air Threader, press the foot control, and the threads are drawn in by air. Effortless and smart! Thanks to the needle stop up, the loopers are automatically moved to the correct position for the Air Threader. No turning the handwheel — just thread in a flash and you're ready to sew!



Brightly lit One-step BERNINA Air Threader – easy to access and comfortable to operate

L 660 OVERLOCK

Exploring New Possibilities with Ease



Learn more at
bernina.com/L660



An Overlock Machine for Every Application

The BERNINA L 660 is a powerful overlock machine for working with a wide variety of threads and fabrics. Particularly stretchy and knit fabrics can be stitched precisely and reliably using 2, 3 or 4 threads. The L 660 creates professional overlock stitches, edge finishes, and rolled hems, delivering top-level sewing comfort throughout.

CONVENIENT HANDLING

Needles and loopers can be threaded effortlessly thanks to Color-coded One-path Threading and the One-Step BERNINA Air Threader. With the Needle Stop Up, they are always in the correct threading position. While sewing, the upper knife can be easily operated from the outside. And if you need more space around the needle area, you can simply swing the presser foot to the side.

HIGH OPERATING COMFORT

The L 660 offers a complete serging experience thanks to the built-in needle threader, making threading quick and easy. With the Integrated BERNINA Free Hand System you can simultaneously raise the presser foot and drop the feed dogs, positioning even the thickest fabrics. The needle stop can be programmed down or up. The Speed Control and Dimmable Sewing Light offer additional sewing comfort. As an added bonus, the L 660 comes standard with a Slide-on Table.



"The L 660 proves that
sergers do not have to be
difficult. It's not necessary."

SERENA,
CONTENT CREATOR "SEWRENA" FROM THE USA



The Perfect Finish Made Easy





FAST, PRECISE AND QUIET

Both the L 660 and L 620 feature a powerful DC motor that delivers high speeds with minimal vibration for precise and stable sewing. Via the foot control, the motor can be precisely controlled for a strong and consistent performance at any sewing speed. This not only enables fast sewing, but also allows you to sew slowly, stitch by stitch, making it much easier to achieve perfect seams, especially in corners or curves.

MICRO THREAD CONTROL (MTC)

Micro Thread Control (mtc) allows you to precisely control the amount of looper thread that wraps around the fabric edge. Fine-tuning can be done while sewing, ensuring perfect stitches in every project.

ULTIMATE COMFORT

All settings corresponding to the stitch and the fabric can be adjusted while sewing, including the stitch width and the stitch length. For wave-free seams in knitted fabrics or when working with particularly delicate fabrics where seam puckering is not wanted, the Differential Feed is fully adjustable.



L 620 COVERSTITCH

Coverstitching at Its Finest

The BERNINA L 620 is the new benchmark in coverstitching. With 120 mm to the right of the needles, a Drop Feed Dog and Programmable Needle Stop up or down offer unique sewing comfort. Control your sewing speed with the BERNINA Foot Control from stitch-by-stitch sewing up to a max. of 1,200 stitches. Threading is incredibly easy thanks to the illuminated One-step BERNINA Air Threader and a built-in Semi-Automatic Needle Threader. The freedom to thread in any sequence adds even more convenience. A Sewing Light with Dimmer Function brightly illuminates your stitching area. The Slide-on Table is included in the package, providing a large, comfortable workspace.

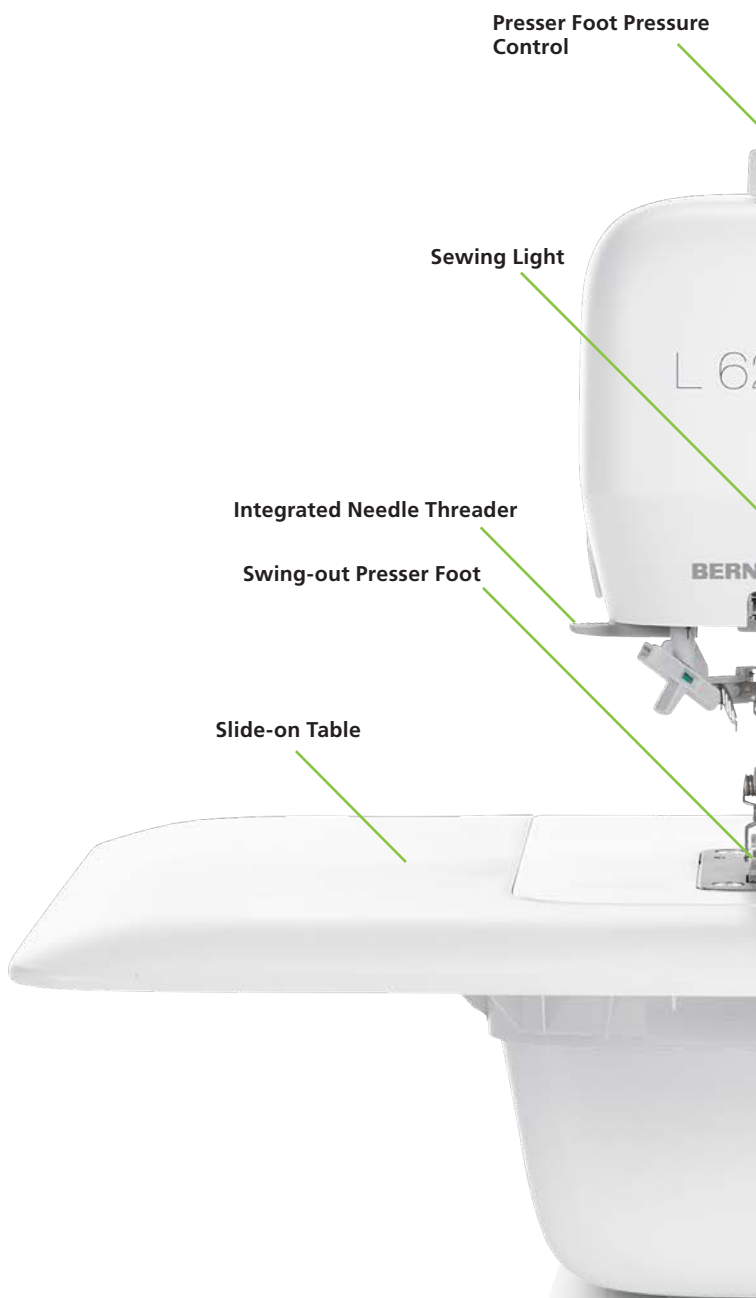
With the L 620, you'll easily achieve results that match industrially manufactured products in both appearance and function – in all your projects.

COVERSTITCH

Sew highly elastic seams with 3 or 4 threads, create hems, bindings, topstitching and embellishments with decorative threads. Coverstitches are super stretchy and ideal for flat joining seams in sportswear or for attaching lace or elastic band.

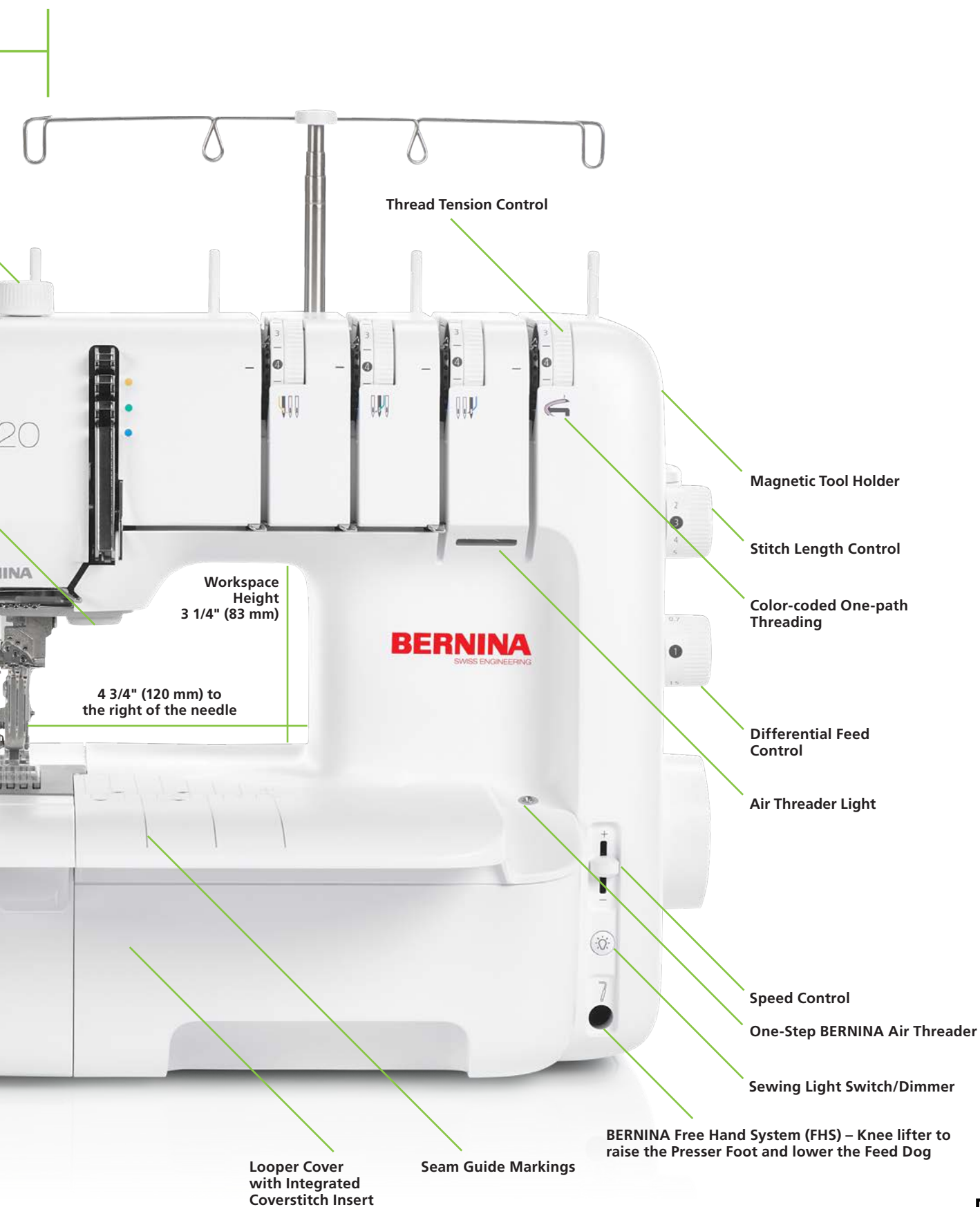
CHAINSTITCH

A 2-thread chainstitch (aka serger straight stitch) is ideal to sew woven and slightly stretchy fabrics. It is perfect when it comes to topstitching, for appliqués, decorating and even basting. Sew pucker free seams or gather easily thanks to Differential Feed.



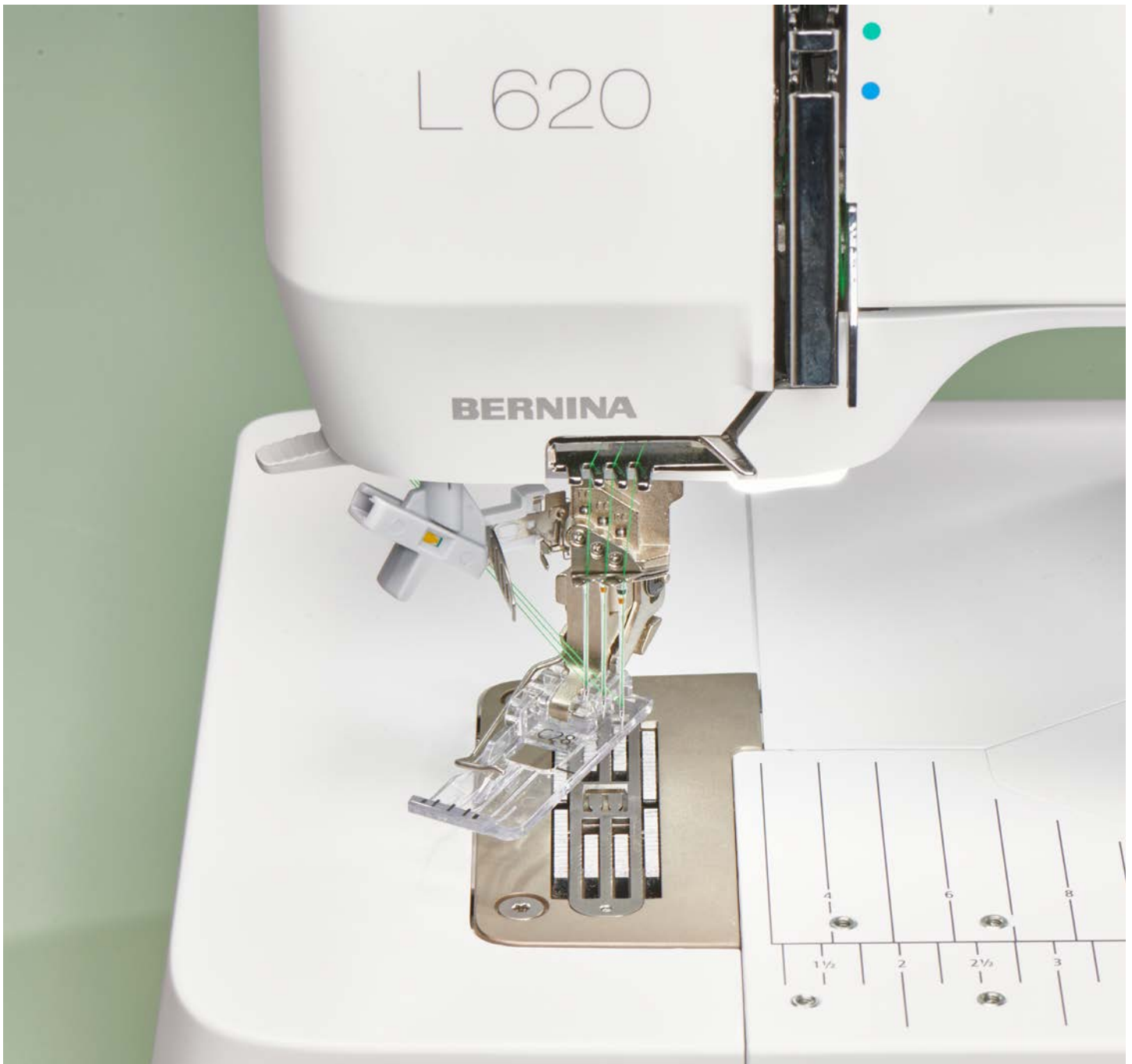
"With the L 620, I can sew the perfect coverstitch in less than ten minutes."

CHRISTIN,
CONTENT CREATOR "DESIGNERELLA.BELLA"
FROM GERMANY



Learn more at
bernina.com/L620





Programmable Needle Stop, Swing-out Presser Foot and Integrated Needle Threader



Spacious sewing area and Slide-on Table included



BERNINA Free Hand System (FHS) with Feed Dog Drop



The L6 series offers excellent lighting with a dimmer function when needed



Convenient knife operation easily accessible from the outside



Easy adjustments, Color-coded Threading Paths, threading any sequence

Features

FEATURE HIGHLIGHTS	L 660	L 620
One-Step BERNINA Air Threader (for looper threads)	✓	✓
Space to the Right of the Needle	114 mm	120 mm
Workspace Height	83 mm	83 mm
BERNINA Free Hand System (FHS) with Knee Lifter and Feed Dog Drop	✓	✓
Swing-out Presser Foot with Auto Swing Back	✓	✓
Integrated Needle Threader	✓	✓
2-step Presser Foot Lifter with Front-Foot-Lift	✓	✓
Automatic Needle Stop Up	✓	✓
Programmable Needle Stop Up/Down	✓	✓
Needle Up/Down via the BERNINA Foot Control	✓	✓
Stitch-by-Stitch Sewing	✓	✓
Color-coded One-path Threading	✓	✓
Thread Tension Adjustable While Sewing	✓	✓
Thread Tension Release with Raised Presser Foot	✓	✓
mtc Micro Thread Control	✓	–
Adjustable Stitch Length while Sewing	✓	✓
Adjustable Differential Feed while Sewing	✓	✓
Adjustable Cutting Width while Sewing	✓	–
Rolled Hem Lever integrated under Stitch Plate	✓	–
Fine Adjustment of Stitch Length for Rolled Hem	✓	–
Easy to Engage and Disengage the Knife from Outside	✓	–
Speed Control	✓	✓
Sewing Light Switch/Dimmer	✓	✓
Air Threader Light	✓	✓
Integrated Upper Looper Converter	✓	–
Sewing Light	✓	✓
Thread Cutter	✓	✓
Magnetic Tool Holder	✓	✓

STITCH PATTERNS	L 660	L 620
Stitch Patterns in total	18	7
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	–
4-Thread Coverstitch	–	1
3-Thread Coverstitch (wide/narrow)	–	3
2-Thread Chainstitch	–	3

TECHNICAL DATA	L 660	L 620
Stitch Width Overlock 3–9 mm	✓	–
Stitch Width Coverstitch 3/6 mm	–	✓
Stitch Length Overlock 0.8 - 4.5 mm	✓	–
Stitch Length Coverstitch 1.5 - 5 mm	–	✓
Differential Feed 0.7 - 2	✓	✓
3-step Presser Foot Pressure Adjustment	✓	✓
Motor	DC	DC
Maximum Sewing Speed (stitches per minute)	1,200	1,200
Weight of the Machine	9.9 kg	9.5 kg

STANDARD ACCESSORIES	L 660	L 620
Overlock Foot (with tape guide #L11)	✓	–
Cover/Chainstitch Foot #C28	–	✓
Slide-on Table	✓	✓
Looper Cover with built-in Cut-offs Bin	✓	–
Looper Cover with built-in Coverstitch Insert	–	✓
Coverstitch Insert for Slide-on Table	–	✓
BERNINA Foot Control with Back-kick Function	✓	✓
Tweezers	✓	✓
Manual Needle Threader/Insert	✓	✓
Needle Set ELX705 CF, assorted	✓	✓
Brush	✓	✓
Screwdriver	✓	✓
CS Lock Tool	✓	–
Knee Lifter	✓	✓
Spool Net	✓	✓
Spool Cap	✓	✓
Spool Stabilizer	✓	✓
Overlocker Oil	✓	–
Tools and Accessories in Separate Box	✓	✓
Dust Cover	✓	✓

Changes to equipment and design are subject to change without notice.
For more information, please contact your BERNINA dealer.



Flawless seams and hems



Large working area, magnetic all-in-one looper cover and compact size



BERNINA
made to create

bernina.com/l6series

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

Not all models are available in every country.

BERNINA recommends threads from

Mettler®