

BERNINA
770 QE | 790

1 new fabric collection

1 Dual Feed for easy piecing

1 B 770 QE with
BERNINA Stitch Regulator

6 weeks until the quilt show

1 little kitty who found a new bed



Tula Pink

TULA PINK
US QUILT ARTIST AND FABRIC DESIGNER,
FOR BERNINA



made to create

BERNINA



Slide speed control up to **1,000 stitches per minute**



Direct-selection buttons

- Start/stop button
- Raise and lower the presser foot
- Automatic thread cutter
- Reverse sewing

Download free patterns for the BERNINA 7 Series at bernina.com/7series

Practical **extension table** included

Semi-automatic threading

BERNINA Dual Feed

Integrated embroidery function

Simply add the optional embroidery module to the B 770 QE to activate.



The **BERNINA Hook with 9 mm stitch width** allows you to sew precise stitches at faster speeds yet quieter than ever before. The extra-large bobbin can hold up to 70 percent more thread than standard bobbins, letting you sew with fewer interruptions.

9 Things You'll Love About the BERNINA 7 Series:

The BERNINA Stitch Regulator (BSR)

The BERNINA 770 QE and 790 are both equipped with the BSR function. The BSR foot assists you with free-motion sewing and quilting with a straight or zigzag stitch, ensuring stitches of the exact same length even at variable sewing speeds. Beginners quickly gain confidence with the BSR, while experienced quilters acquire additional self-assurance. The BSR foot comes in the standard accessories package of both the B 770 QE and B 790.

Extended Freearm for Grand Ideas

The BERNINA 7 Series includes a meticulously engineered extended freearm with 10 inches of space to the right of the needle. Not only do the B 770 QE and B 790 provide you with ample space for big, beautiful sewing and embroidery projects, with their 9 mm stitch width, they are also ideally suited for decorative stitching. The extra-large embroidery module (optional with the B 770 QE) lets you stitch out maxi-sized motifs. And should your ambitions grow, both models can be updated with a wealth of accessories.

BERNINA Dual Feed

The innovative BERNINA Dual Feed tames hard-to-manage fabrics providing superb fabric feed and optimum visibility while sewing. Easy to engage when needed, the BERNINA Dual Feed tucks completely out of the way when it's not.

Total Stitch Control

All BERNINA 7 Series models provide an exclusive level of stitch control. Whether altering stitch length, stitch width or needle position, the machine will remember the stitch details for you. Your personal settings can be saved and retrieved at will. And the USB interface allows you to import and export stitches and stitch patterns or combinations.

BERNINA Adaptive Thread Tension

The BERNINA Adaptive Thread Tension, a BERNINA innovation, provides ideal thread tension while sewing to achieve perfect stitch quality on both sides of the fabric. Once the tension is set according to the thread and fabric used, BERNINA Adaptive Thread Tension will constantly check the thread tension, adjusting it automatically when needed. The result is the finest stitching without pressing a button.

Sew with Even Greater Ease

The B 770 QE and B 790 accomplish many tasks all by themselves. The presser foot lowers automatically at the beginning of a seam. Threading is semi-automatic, and the thread is cut automatically when you reach the end of a seam, or when you wish to change colors while embroidering. Moreover, a practical extension table, which yet again significantly increases your work area, is included in the standard package.

The B 790 includes an **embroidery module** with extra-large embroidery area (400 mm x 210 mm embroidery field). (Optional with the B 770 QE.)



Beautiful Embroidery Is Simplicity Itself

Both the B 790 and B 770 QE can embroider, though the B 790 is our embroidery expert offering even more features and options for embroidery lovers. Switch to embroidery mode directly via the touch screen. Embroidery mode lets you easily position, mirror, rotate and resize motifs. Design editing on the B 790 offers a wealth of additional options, letting you create curved lettering effects, alter stitch density, and combine decorative stitches or alphabets with embroidery designs. Complex combinations can even be resequenced according to color, and alternative color options can be reviewed before stitching out. With both models, the finished design can be saved directly on the machine or on a USB stick. What's more, further designs can be imported to the machine via the USB port. The Check function lets you position the design precisely before embroidering. The embroidery module comes as standard with the B 790, and is available as an optional accessory for the B 770 QE.



The new **Maxi Hoop** was specially developed for the BERNINA 7 Series.

Slide speed control up to **1,000 stitches per minute**

Create Your Own Stitches

(B 790 only)

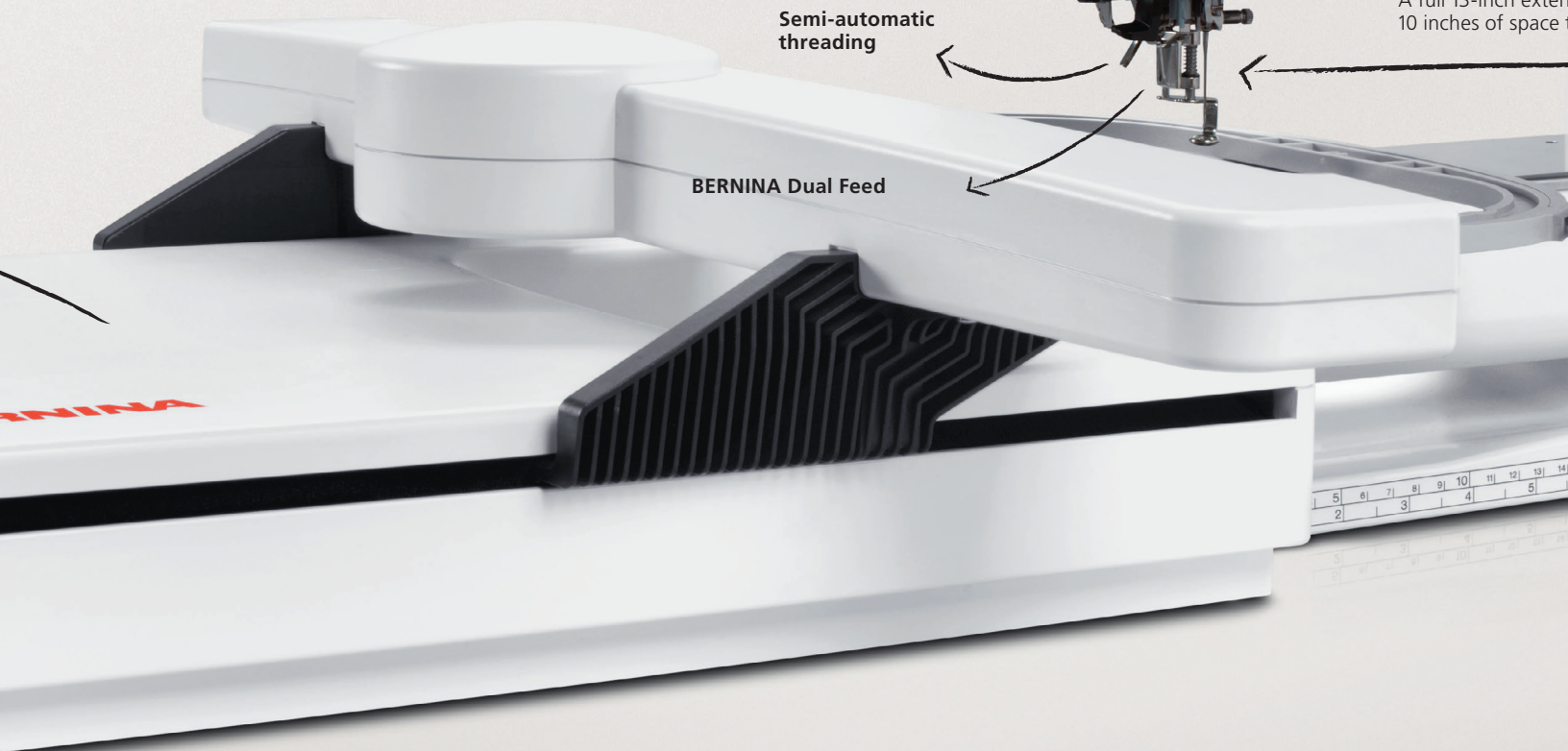
The B 790 features a very special innovative function: the Stitch Designer. Create your own stitches by drawing your ideas right on the touch screen. With a click, the B 790 transforms your design into a stitch pattern. Or alter existing stitches as it takes your fancy. Save your very own stitch creations to steadily expand your stitch library.



Semi-automatic
threading

A full 13-inch extension
10 inches of space

BERNINA Dual Feed



Tips and Tricks

User-friendly features and intuitive navigation: the Sewing Consultant and built-in tutorials offer direct onscreen support and answers to your questions at any time, day or night.

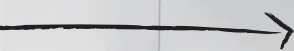
Includes **Stitch Designer** and **BSR** functionality

Multi-function knobs



30 bright **LED** lights

ded freearm, including
to the right of the needle



BERNINA
SWISS ENGINEERING



BERNINA Free Hand System (FHS)

The *BERNINA* Hook

With the launch of the 7 Series, BERNINA introduced an absolute world's first, the BERNINA Hook, which uniquely combines the advantages of the two best hook technologies. This latest BERNINA innovation is patented.

The heart of the BERNINA 7 Series features a novel, centrally placed driver, which allows the BERNINA Hook to run fast yet quietly. The BERNINA Hook sews high-precision stitches up to 9 mm in width with speeds up to 1,000 stitches per minute. The bobbin holds up to 70% more thread than standard bobbins allowing you to sew longer without interruption.

Finally, the BERNINA Hook is made of high-quality materials that allow the thread to run smoothly at consistent tension.

BERNINA—made to create.



Color **7-inch display** with easy navigation and **modern touch screen** technology (e. g. Drag & Drop and Swipe functions)



BERNINA Quality

For decades, BERNINA has been passionately committed to the development of sewing and embroidery machines. Swiss precision is at the heart of our products. High-quality materials guarantee a long product life and high performance.

The BERNINA 770 QE and 790 offer a wealth of features that make sewing easier. Inventions such as the semi-automatic threading system, the BERNINA Stitch Regulator (BSR) and the remarkable, easy-to-use embroidery system with especially large embroidery area testify to a great spirit of innovation. The BERNINA 7 Series will also wow you visually with its simple yet exclusive design—because we concentrate not only on sophisticated technologies, but also on setting new standards in product design.



Kazu Huggler, Swiss-Japanese Designer

The daughter of a Japanese mother and Swiss father, Kazu Huggler belongs to a new generation of international couture fashion designers. She runs her studio and fashion label “KAZU” in Zurich. Her creations combine Japanese aesthetics and simplicity with Swiss quality. The first dress of her bridal fashion collection was created on a BERNINA 790.

“The BERNINA 790 lets you embroider designs over a particularly large area, and offers a range of luxury features. The Dual Feed is brilliant at feeding my silky fabrics.”



Easy navigation on a centrally located **color touch screen**



BERNINA Stitch Regulator (BSR) included

A full 13-inch **extended frearm**, including 10 inches of space to the right of the needle



Tula Pink, US Quilt Artist and Fabric Designer, for BERNINA

Tula Pink plays with images the way a poet plays with words, turning innocuous traditional designs into mischievous little critters. Tula's love affair with textiles began early and an obsession with sewing soon followed. Tula began quilting in an effort to use up her ever-growing stash of fabric so that she could justify buying more. Today, 16 years later, she is a renowned designer and quilter. Tula Pink has designed a quilt from her "Moonshine" fabric collection exclusively for BERNINA.

"Next to my passion for my designs, I'm equally passionate about BERNINA. The BERNINA 770 QE gives me the space I need for quilting, plus the Stitch Regulator can't be beat for even stitches."



BERNINA Free Hand System (FHS)



Features and Functions of the BERNINA 770 QE and 790

General Information	B 770 QE	B 790
Hook system	BERNINA Hook	BERNINA Hook
Maximum sewing speed (stitches per minute)	1,000	1,000
Length of frearm to the right of the needle	10 inches	10 inches
Color touch screen	4.3 inches	7 inches
LED sewing light	30 LED lights	30 LED lights
Maximum stitch width	9mm	9mm
Maximum stitch length	6mm	6mm
Needle positions	11	11
Sewing in every needle position	✓	✓
Number of spool holders	2	2
Semi-automatic needle threader	✓	✓
Adjustable presser foot pressure	✓	✓
Automatic thread cutter	✓	✓
Manual thread cutters	3	3
BERNINA Dual Feed	✓	✓
BERNINA Adaptive Thread Tension	✓	✓
Memory (short-term/altered stitches)	✓	✓
Memory (long-term/altered stitches)	✓	✓
Create and save stitch combinations	✓	✓
BSR functionality (straight stitch and zigzag)	✓	✓
Start/stop button (stitching without foot control)	✓	✓
Slide speed control	✓	✓
Upper thread indicator	✓	✓
Lower thread indicator	✓	✓
USB interface for PC connection	✓	✓
Import/export stitches and stitch patterns via USB	✓	✓
Multi-function knobs	✓	✓
Changing stitch settings while sewing	✓	✓
BERNINA foot control with back-kick function	✓	✓
Needle stop up/down	✓	✓
Drag & Drop	✓	✓
Bobbin winding while sewing/embroidering	✓	✓
Onscreen help	✓	✓
Sewing tutorial	✓	✓
Creative consultant	✓	✓
Personal program	✓	✓
History function (previously used stitch patterns)	–	✓
Setup program	✓	✓
Eco mode	✓	✓

Sewing and Quilting	B 770 QE	B 790
360° directional sewing	–	✓
Sideways motion feed	–	✓
Stitch Designer	–	✓
Pattern start/end function	✓	✓
Connecting stitches	–	✓
Elongation	✓	✓
Security function program	✓	✓
Total number of stitch patterns (incl. alphabet)	992	1,352
Utility stitches total	30	32
Buttonholes (incl. eyelets) total	13	15
Automatic buttonhole length measuring system	✓	✓
Automatic buttonhole	✓	✓
Manual multi-step buttonhole	✓	✓
Button sew-on program	✓	✓
Darning programs	2	2
Decorative stitches total	283	506
Decorative sideways motion stitches total	–	117

Sewing and Quilting (Continued)	B 770 QE	B 790
Quilting stitches total	50	34
Cross-stitch programs	20	37
Tapering/skyline stitches	–	28/24
Sewing alphabets	6	8
Monogram (with sideways motion)	–	✓

Standard Sewing and Quilting Accessories	B 770 QE	B 790
BERNINA precision presser feet included	7	10
Reverse pattern foot #1C	✓	✓
Dual Feed reverse pattern foot #1D	✓	✓
Overlock foot #2A	–	✓
Buttonhole foot with slide #3A	✓	✓
Zipper foot #4D	✓	✓
Blindstitch foot #5	–	✓
Jeans foot #8D	–	✓
Open embroidery foot #20C	✓	✓
Sideways motion foot #40C	–	✓
Patchwork foot #97D	✓	–
BERNINA Stitch Regulator (BSR)	✓	✓
BERNINA Free Hand System (FHS)	✓	✓
BERNINA slide-on frearm extension table	✓	✓
Dust cover	✓	✓
Accessory box	✓	✓

Embroidery	B 770 QE	B 790
Embroidery Module (size large)	optional	✓
Maximum embroidery speed (stitches per minute)	1,000	1,000
Onscreen editing of designs: positioning, mirroring, rotating, scaling	✓	✓
Combine designs	–	✓
Embroidery tutorial	✓	✓
Built-in embroidery designs	140	270
Embroidery alphabets	6	8
Embroidery design format	.EXP	.EXP
Mega Hoop functionality (embroidery field: 400 x 150 mm)	✓	✓
Maxi Hoop functionality (embroidery field: 400 x 210 mm)	✓	✓
Jumbo Hoop functionality (limited embroidery field: 400 x 210 mm)	✓	✓
Frearm embroidery	✓	✓
Personal memory for embroidery designs	✓	✓
Word ART	–	✓
Importing stitch patterns	✓	✓
Color resequence	–	✓
Cut jump stitches	✓	✓
Sequence control	✓	✓
Basting	✓	✓
Endless embroidery	–	✓
Position recall	✓	✓
BERNINA DesignWorks Software & Tools compatible	✓	✓

Standard Embroidery Accessories (included with Embroidery Module)	B 770 QE	B 790
Embroidery presser foot #26	✓	✓
Embroidery hoop large oval with template	✓	✓
Embroidery hoop medium oval with template	✓	✓
Embroidery hoop small oval with template	✓	✓
BERNINA embroidery software ArtLink (download at bernina.com)	✓	✓

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