BERNINA 7 PRO SERIES

MORE JOY OF PRO

BERNINA

made to create

B 7 PRO SERIES

The next level of sewing, quilting and embroidery.

Designed to bring you even more features that enhance the joy of creating.
This is the new BERNINA 7 PRO Series.

The B 790 PRO is the top of the line sewing and embroidery model within the BERNINA 7 PRO Series. Quilters will love the B 770 QE PRO while the B 735 PRO is the perfect match for garment sewists. For those who are looking for an embroidery only machine, the B 700 PRO is the best choice.

Enriched with exciting new sewing, quilting and embroidery features and the next generation stitch**precision²** Technology, all B 7 PRO models are even more precise and comfortable to sew, quilt and embroider on. They let you control every stitch to achieve perfect results every time. Innovations like the BERNINA Pinpoint Laser, 4-Point Placement, Automatic Needle Threader and WiFi Connectivity bring you more joy of precision and control!

NEW BERNINA STITCH**PRECISION²**

The BERNINA 7 PRO models feature the next generation BERNINA stitch**precision²** Technology that makes your sewing, quilting and embroidery experience quieter, more precise, and joyful. Swiss innovations allow superior stitch quality and up to 33% higher SDT embroidery speed.

NEW BERNINA PINPOINT LASER

Enjoy pinpoint precision by seeing exactly where the needle will enter the fabric in every needle position. The BERNINA Pinpoint Laser marks your start and travel points as you sew and embroider.

NEW AUTOMATIC NEEDLE THREADER

The Automatic Needle Threader helps you to get started with the next thread. Conveniently and quickly, every single time.

STITCH DESIGNER (B 790 PRO)

Create your own stitches and continuous line quilting designs by drawing your ideas right on the touch screen. With one touch, your design will be transformed into a stitch pattern. Once the stitch or design is created, sew it or open it in embroidery and stitch it out or alter existing stitches as you wish. Save your very own stitch creations to expand your stitch library.

BUILT-IN STITCHES AND SEWING ALPHABETS

Enjoy hundreds of sewing stitches and alphabets. Easily embroider individual sewing stitches, buttonholes or a row of stitches (all models except B 700 PRO).

#ABIGDAY in Paris with the B 7 PRO Series – scan QR code to watch video

Beautiful embroidery.
Made easy, fast and precise.

All BERNINA 7 PRO Series models feature unique innovations to make embroidering easier than ever. The high-end embroidery module L with BERNINA Smart Drive Technology (SDT) comes standard with the B 790 PRO and B 700 PRO and is available as an optional accessory for the B 770 QE PRO and the B 735 PRO. It elevates your embroidery experience with enhanced stitch quality, smoother and quieter movement and higher embroidery speed.

Simply switch to embroidery mode directly via the touch screen to easily position, mirror, rotate, combine and resize motifs. Place your design on the fabric exactly where you want with 2-Point or 4-Point Placement in combination with the BERNINA Pinpoint Laser.

Design editing offers a wealth of additional options, allowing you to create curved lettering effects, alter stitch density, and combine decorative stitches with embroidery designs or create beautiful, endless embroidery. With all models, complex combinations can even be resequenced according to color, and alternative color options can be applied before stitching out. The finished design can be saved directly on the machine or on a USB stick. What's more, additional designs can be imported to the machine wirelessly from the optional BERNINA Embroidery Software 9.

ALIGNMENT OF LETTERING AND DESIGNS

Easily align and distribute embroidery designs horizontally and vertically. Use Multi-line Lettering and Text Alignment to personalize your text placement.

SHAPE DESIGNER (B 790 PRO AND B 700 PRO)

Multiply designs with one click and arrange in a desired formation, including imported stitches. Whether in a circle, square, rectangles, star, heart, arches and more – the possibilities with the Shape Designer are endless.

COLOR WHEEL (B 790 PRO AND B 700 PRO)

Change designs easily and coordinate to your favorite color scheme before you start embroidering. Alter the hue and saturation of a design on screen, translate the visual colors to thread colors and convert your colors to alternate thread libraries.

ENDLESS EMBROIDERY

Easily repeat and align embroidery designs to make continuous borders. Designs can be fine-tuned to the spacing desired and verified with stitched placement arrows.

GROUP & UNGROUP

Combine designs into a Group to edit at once. Ungroup to edit designs individually.

4-POINT PLACEMENT WITH MORPHING

With 4-Point Placement, the positioning of your embroidery or quilting design is extremely easy and precise. This great function allows you to place your designs to precisely suit your project by simply defining four points on the fabric in the hoop. Fit: the design will be placed proportionally and centered in created boundary. Morph: the design is adjusted to fit the new shape, it will fit in irregular shapes with or without margin spacing – perfect for quilt blocks that are not so perfect.

CUSTOMIZABLE QUILT DESIGNS

Quilt like a PRO. The new Customizable Quilt Designs (.bqm) bring the functionality of professional longarm quilting to your embroidery machine. Unlimited scaling possibilities, the ability to modify the stitches per inch (SPI) and enhanced quilt securing functions enable you to achieve perfect computerized quilting on your embroidery machine.

WIFI CONNECTIVITY AND BERNINA STITCHOUT APP

WiFi allows you to transfer embroidery designs from your BERNINA Embroidery Software 9 (optional) directly to your B 7 PRO Series machine, or the other way around. The BERNINA Stitchout App lets you track the embroidery process on your smartphone. All B 7 PRO models are able to connect with the app allowing you to monitor the status of your embroidery stitchout from any room in your house. The app notifies you when the machine needs your direct attention, like thread color change, thread breakage or when the design is finished.

REARRANGE

Change the stitchout sequence of design layers. Use Rearrange in combination with Group and Ungroup for further editing possibilities.

BUILT-IN EMBROIDERY DESIGNS AND ALPHABETS

Enjoy a wide variety of embroidery designs including in-the-hoop projects and special technique designs plus the additional BQM Quilting Designs.

TIPS AND TRICKS

The Sewing and Embroidery Consultants, built-in Tutorials and On-screen Help offer support and answers to your questions whenever you need them.

The embroidery motifs shown in this brochure are partly integrated into the machines and partly from the OESD collection "Indigo Blossoms" (oesd.com/indigo-blossoms).

B 790 PRO

The Pro for all applications

The B 790 PRO includes the BERNINA embroidery module L with SDT and extra-large embroidery area (400 mm × 210 mm, 15.7″ × 8.3″)

smart drive technology

Slide speed control
Sewing and embroidery speeds up to 1,000 stitches per minute

Color 7-inch display with easy navigation and modern touch screen technology

Includes **Stitch Designer** and **BERNINA Stitch Regulator**

4-Point Placement with Morphing

Customizable Quilt Designs

WiFi

Automatic Needle Threader

BERNINA Dual Feed

30 bright LED lights

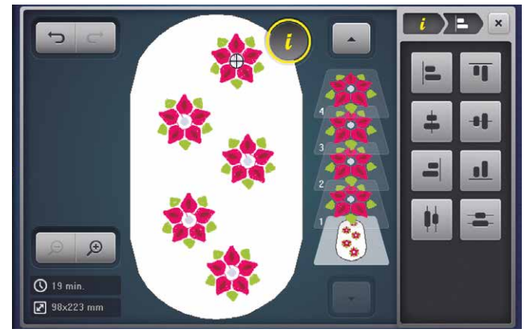
A full 13-inch (330 mm) extended freearm including 10 inches (254 mm) of space to the right of the needle

BERNINA Free Hand System (FHS)

BERNINA Pinpoint Laser

Scan QR code to watch our B 790 PRO video

4-Point Placement with Morphing



Align and Distribute Designs

Customizable Quilt Designs

Multi-line Lettering and Align

B 770 QE PRO

The quilting expert

The B 770 QE PRO brings advanced technology to a whole new level. The standout PRO features enhance your precious sewing and quilting time and additional highlights set the benchmark. With an impressive selection of specialty stitches, this machine is perfect for adding beautiful detail to quilts, garments, and accessories alike. The Triple Stitch allows you to sew bold seams and decorative stitches while quilting or sewing. The BERNINA Stitch Regulator comes standard with the B 770 QE PRO. It adjusts the sewing speed during free-motion quilting to ensure even stitches. Basting quilts is easy thanks to the BSR 3 Mode. The KickStart function enables quilting without a foot control, which alleviates foot fatique when quilting for long intervals. 100 Customizable Quilt Designs (BQM files) are integrated, and you can add and save your own patterns as you wish.

"This machine is just inspiring."

JESSICA ROSE OF QUILTD STUDIOS,
US QUILT DESIGNER

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

BSR 3 Mode and KickStart
Baste your quilts with BSR 3 Mode and quilt comfortably with the KickStart feature

Speed control
Sewing and embroidery speeds up to 1,000 stitches per minute

Automatic Needle Threader

BERNINA Hook with 9 mm stitch width sews precise stitches at faster speeds while quieter than ever. The extra-large bobbin holds up to 70% more thread than standard bobbins.

Integrated embroidery function
Simply add the optional embroidery module L with Smart Drive Technology (SDT) to enable easy embroidery

Direct-selection buttons:
– Start/stop button
– Raise and lower presser foot
– Automatic thread cutter
– Reverse sewing

BERNINA Dual Feed

BERNINA Free Hand System (FHS)

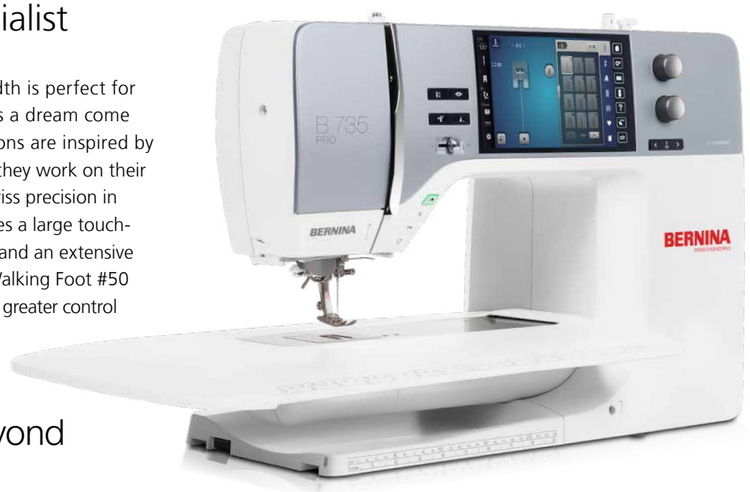
BERNINA Dual Feed

Easily integrate your own quilt motifs via USB (download the BQM file of the Eiffel Tower for free at bernina.com/7PROseries)

B 735 PRO

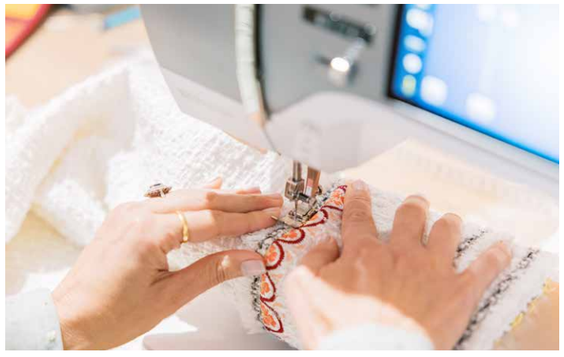
The garment sewing specialist

The BERNINA 735 PRO with 5.5 mm stitch width is perfect for precise sewing projects and fine materials. It is a dream come true for garment makers, whether their creations are inspired by the designs of renowned designers or whether they work on their own creations. This machine stands out with Swiss precision in both its construction and stitch quality. It features a large touch-screen, countless utility and decorative stitches, and an extensive range of accessories. Best of all, the BERNINA Walking Foot #50 comes standard with this machine, providing even greater control when working with challenging or layered fabrics.



"I expected great quality. But this machine went beyond my expectations."

AMAIA ARANA OF YOU MADE MY DAY PATTERNS,
PATTERN MAKER FROM SPAIN



Sleeve decoration made easy thanks to the freearm

Easy placement of embroidery motifs (optional)

B 700 PRO

Exclusively Embroidery

The B 700 PRO is designed for embroidery enthusiasts who appreciate exceptional stitch quality and precision. In addition to the new PRO features introduced on the previous pages, this embroidery-only model offers a range of advanced capabilities to deliver outstanding results. This embroidery machine offers high speed, a large embroidery area, and accurate results with stitch**precision²**. The Jumbo Bobbin reduces interruptions by holding more thread, and automatic jump stitch cutting saves time and eliminates the need for manual trimming. With 500 built-in motifs and 25 embroidery alphabets, the B 700 PRO is ready for any creative project.

"I embroidered a floral design on my red jacket. It turned out perfectly."

MARLIES WITJES OF STUDIO LIESL,
SEWIST & CONTENT CREATOR FROM THE NETHERLANDS

Precise placement with the Pinpoint Laser

Edit embroidery motifs directly on the screen

More features you will love
about the BERNINA 7 PRO Series

TOTAL STITCH CONTROL
Whether you are altering stitch length, stitch width or needle position, the machine will remember the details for you. Your personal settings can be saved and retrieved (all models except B 700 PRO).

BERNINA STITCH REGULATOR (BSR)
The B 790 PRO, B 770 QE PRO and B 735 PRO are 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. The BSR foot comes in the standard accessories package of both the B 790 PRO and B 770 QE PRO, and is optional with the B 735 PRO. Three modes will support your quilting process, the BSR 3 mode allows you to set your stitch length to 2 or 4 stitches per inch for easy quilt basting and the KickStart function enables quilting in a continuous sewing mode without having to keep constant pressure on the foot control.

BERNINA DUAL FEED
The integrated BERNINA Dual Feed (B 790 PRO and B 770 QE PRO only) 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 required.

SEW WITH EVEN GREATER EASE
The B 7 PRO Series accomplish many tasks all by themselves. The presser foot lowers automatically at the beginning of a seam and needle threading is just simple with the automatic needle threader. 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.

BERNINA ADAPTIVE THREAD TENSION
The innovative BERNINA Adaptive Thread Tension provides ideal thread tension while creating 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.

BERNINA QUALITY
For more than 130 years, BERNINA has been passionately committed to the development of sewing and embroidery machines. Swiss precision is at the heart of our products as like in our new BERNINA 7 PRO Series. High-quality materials guarantee a long product life and high performance.

GENERAL INFORMATION	B 790 PRO	B 770 QE PRO	B 735 PRO	B 700 PRO
Space to the Right of the Needle	10" (254 mm)	10" (254 mm)	10" (254 mm)	10" (254 mm)
Workspace Height	5" (127 mm)	5" (127 mm)	5" (127 mm)	5" (127 mm)
Centrally Located Color Touch Screen	7" (177.8 mm)	7" (177.8 mm)	7" (177.8 mm)	7" (177.8 mm)
Multi-function Knobs	✓	✓	✓	✓
LED Sewing Lights	30	30	30	30
NEW: Automatic Needle Threader	✓	✓	✓	✓
NEW: BERNINA Pinpoint Laser	✓	✓	✓	✓
NEW: WiFi	✓	✓	✓	✓
NEW: stitch**precision²** Technology	✓	✓	✓	✓
Total Stitch Control	✓	✓	✓	-
BERNINA Adaptive Thread Tension	✓	✓	✓	✓
BERNINA Dual Feed	✓	✓	-	-
Hook System	BERNINA	BERNINA	BERNINA	BERNINA
Jumbo Bobbin with 70% more Capacity	✓	✓	✓	✓
Bobbin winding while sewing/embroidering	✓	✓	✓	✓
Powerful DC Motor	✓	✓	✓	✓
BERNINA Free Hand System (FHS)	✓	✓	✓	✓
Programmable BERNINA Foot Control	✓	✓	✓	-
Thread-up Command	✓	✓	✓	✓
Automatic Presser Foot Lifter	✓	✓	✓	✓
Automatic Thread Cutter	✓	✓	✓	✓
Manual Thread Cutters	3	3	3	3
Adjustable Presser Foot Pressure	✓	✓	✓	-
Lower Thread Sensor	✓	✓	✓	✓
Upper Thread Sensor	✓	✓	✓	✓
Tutorial	✓	✓	✓	✓
On-screen Help	✓	✓	✓	✓
Eco Mode	✓	✓	✓	✓

SEWING AND QUILTING	B 790 PRO	B 770 QE PRO	B 735 PRO	B 700 PRO
Maximum Sewing Speed (stitches per minute)	1,000 spm	1,000 spm	1,000 spm	-
Maximum Stitch Width	9 mm	9 mm	5,5 mm	-
Maximum Stitch Length	6 mm	6 mm	6 mm	-
Adjustable Needle Positions	11	11	11	-
Presser Foot Selection	✓	✓	✓	✓
Security Function for Needle and Stitch Plate	✓	✓	✓	✓
Sideways Motion	✓	-	-	-
Connecting stitches	✓	-	-	-
Tapering	✓	-	-	-
Automatic Buttonhole / Length Measuring System	✓	✓	✓	-
Manual multi-step buttonhole	✓	✓	✓	-
Button sew-on program	✓	✓	✓	-
Personal Memory	✓	✓	✓	-
Temporary Altered Stitch Memory	✓	✓	✓	-
History Function (most recently used stitch patterns)	✓	✓	✓	-
Stitch Designer	✓	-	-	-
Creative Consultant Sewing	✓	✓	✓	-
Pattern Repeat	1-99	1-99	1-99	-
Pattern Begin	✓	✓	✓	-
Pattern End	✓	✓	✓	-
Mirror-image function	✓	✓	✓	-
Elongation	✓	✓	✓	-
Basting Stitch	Stitch #21	Stitch #21	Stitch #30 (manually)	-
Long Stitch	✓	✓	-	-
Triple Stitch	✓	✓	✓	-
Backstepping	✓	✓	✓	-
Programmable Securing Function	✓	✓	✓	-
BSR enabled	✓	✓	✓	-
BSR 3 Mode	✓	✓	✓	-
KickStart Function	✓	✓	✓	-
Start/Stop Button (stitching without foot control)	✓	✓	✓	✓
Freearm Sewing	✓	✓	✓	-
Monograms (with sideways motion only)	✓	-	-	-
Total Number of Sewing Stitch Patterns (incl. alphabets)	2,040	1,858	1,753	-
Alphabets	9	9	6	-
Monograms	1	-	-	-
Decorative Stitches	700	550	400	-
Button Sew-On Program	1	1	1	-
Buttonholes / Eyelets	16/2	16/2	13/2	-
Practical Stitches	38	37	32	-
Sideways-Motion Stitches	139	-	-	-
Quilting Stitches	70	76	37	-
Tapering/Skyline Stitch Patterns	28/30	-	-	-
Darning Programs	2	2	2	-

*Laser classification 1: The lasers of classification 1 are the safest of all laser classes and not harmful to the eye.
The possibility of injuries can be ruled out as the radiation is extremely weak. In this case, visible laser radiation is involved.

EMBROIDERY	B 790 PRO	B 770 QE PRO	B 735 PRO	B 700 PRO
Maximum Embroidery Speed (stitches per minute)	1,000 spm	1,000 spm	1,000 spm	1,000 spm
Embroidery Area	15,7 x 8,3" (400 x 210 mm)	15,7 x 8,3" (400 x 210 mm)	15,7 x 8,3" (400 x 210 mm)	15,7 x 8,3" (400 x 210 mm)
Freearm Embroidery	✓	✓	✓	✓
Built-in Embroidery Designs	500	400	400	500
Embroidery Alphabets	25	10	10	25
NEW: Customizable Quilt Designs (.bqm files)	76	100	30	76
On-screen Editing of Designs: position, mirror, rotate, scale, combine	✓	✓	✓	✓
Change Design Size Proportionally/Non-Proportionally	✓	✓	✓	✓
NEW: Align/Distribute embroidery designs	✓	✓	✓	✓
NEW: Multi-line Lettering and Align	✓	✓	✓	✓
Endless Embroidery	✓	✓	✓	✓
NEW: Shape Designer	✓	-	-	✓
Color Wheel	✓	-	-	✓
NEW: QWERTY Keyboard	✓	✓	✓	✓
WordArt	✓	✓	✓	✓
Drag and Drop	✓	✓	✓	✓
Absolute Check Design Positioning	✓	✓	✓	✓
NEW: 4-Point Placement with Morphing	✓	✓	✓	✓
2-Point Placement	✓	✓	✓	✓
Lock scaling	✓	✓	✓	✓
Check Design Size	✓	✓	✓	✓
Group/Ungroup	✓	✓	✓	✓
Rearrange designs	✓	✓	✓	✓
Undo/Redo	✓	-	-	✓
Adjust Stitch Density	✓	✓	✓	✓
Change Stitch Type	✓	✓	✓	✓
Basting	✓	✓	✓	✓
Color Resequence	✓	✓	✓	✓
Stitch Design as Single/Multi-Color	✓	✓	✓	✓
Personal Memory for Saving Embroidery Designs	✓	✓	✓	✓
Programmable Jump Stitch Cutting	✓	✓	✓	✓
Smart Secure	✓	✓	✓	✓
Invisible Secure	✓	✓	✓	✓
Thread Away Mode	✓	✓	✓	✓
Creative Consultant Embroidery	✓	✓	✓	✓
Embroider Sewing Stitches	✓	-	-	-
Multi-format Reading (EXP, DST, PEC, JEF, PCS, SEW, XXX)	✓	✓	✓	✓
NEW: BQM Format Reading	✓	✓	✓	✓
NEW: Adjust Stitches Per Inch (BQM)	✓	✓	✓	✓
NEW: Direct Design transfer to/from BERNINA Embroidery Software 9 via WiFi	✓	✓	✓	✓
Automatic Hoop Recognition	✓	✓	✓	✓
View Stitch-out Time, Thread Colors, Size, Stitches	✓	✓	✓	✓
NEW: BERNINA Stitchout App compatible	✓	✓	✓	✓
Stitch Sequence Control	✓	✓	✓	✓
Position Recall	✓	✓	✓	✓
Jumbo Hoop Compatibility	✓	✓	✓	✓
Maxi Hoop Compatibility	✓	✓	✓	✓
Mega Hoop Compatibility	✓	✓	✓	✓
Midi Hoop Compatibility	✓	✓	✓	✓
Small Clamp Embroidery Hoop Compatibility	✓	✓	✓	✓
Medium Clamp Embroidery Hoop Compatibility	✓	✓	✓	✓
Large Freearm Embroidery Hoop Compatibility	✓	✓	✓	✓

STANDARD ACCESSORIES	B 790 PRO	B 770 QE PRO	B 735 PRO	B 700 PRO
BERNINA Precision Presser Feet included	11	7	6	1
Reverse Pattern Foot #1/1C	✓	✓	✓	-
Dual Feed Reverse Pattern Foot #1D	✓	✓	-	-
Overlock Foot #2A	✓	-	-	-
Buttonhole Foot with Slide #3A	✓	✓	✓	-
Zipper Foot #4/4D	✓	✓	✓	-
Blindstitch Foot #5	✓	-	-	-
Jeans Foot #8/8D	✓	-	✓	-
Open Embroidery Foot #20/20C	✓	✓	✓	-
Embroidery Foot #26L	✓	-	-	✓
BERNINA Stitch Regulator (BSR) #42	✓	✓	-	-
Sideways Motion Foot #40C	✓	-	-	-
Walking Foot #50	-	-	✓	-
Patchwork Foot #97D	-	✓	-	-
Slide-on Table	✓	✓	✓	-
Knee lever/Free Hand System (FHS)	✓	✓	✓	-
Embroidery Module L with Smart Drive Technology (SDT)	✓	optional	optional	✓
Standard Embroidery Hoops included	3	-	-	3
Embroidery Hoop Large Oval with template (255 × 145 mm, 10.0" × 5.7")	✓	-	-	✓
Embroidery Hoop Medium Oval with template (130 × 100 mm, 5.1" × 3.9")	✓	-	-	✓
Embroidery Hoop Small Oval with template (72 × 50 mm, 2.8" × 2")	✓	-	-	✓
Dust Cover	✓	✓	✓	✓
Accessory Box	✓	✓	✓	✓

The 7 PRO Series

BERNINA

made to create

bernina.com/7PROseries

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

BERNINA recommends threads from

Mettler®

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