BERNINA MODEL COMPARISON CHART
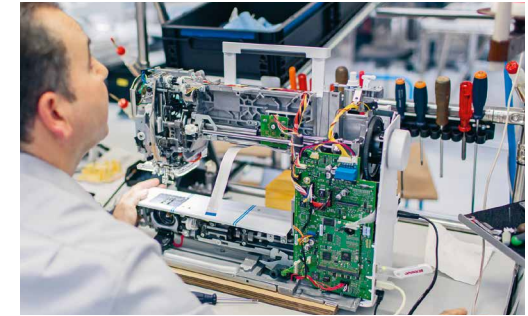
ALL SEWING MACHINES AT A GLANCE

Swiss Heritage
since 1893

BERNINA *made to create*

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SEWING, QUILTING AND EMBROIDERING ALL MODEL COMPARISON CHART

Model	B 880 PLUS	B 790 PRO	B 770 QE PLUS	B 735	B 700	B 590	B 570 QE	B 540	B 535	B 500	B 485	B 480	B 475 QE	B 435	B 335	B 325
GENERAL MACHINE FEATURES																
Space to the Right of the Needle More sewing and embroidery space to the right of the needle offers comfort and more maneuverability when stitching large and small projects.	300 mm (12")	254 mm (10")	254 mm (10")	254 mm (10")	254 mm (10")	215 mm (8.5")	215 mm / 8.5"	215 mm (8.5")	215 mm (8.5")	215 mm (8.5")	177.7 mm (7")	177.7 mm (7")	177.7 mm (7")	177.7 mm (7")	160 mm (6.3")	160 mm (6.3")
Workspace Height The extra height presents more space for quilts and spacious large projects and makes sewing easier in general.	127 mm (5")	127 mm (5")	127 mm (5")	127 mm (5")	127 mm (5")	109 mm (4.3")	109 mm (4,3")	109 mm (4.3")	109 mm (4.3")	109 mm (4.3")	109 mm (4.3")	109 mm (4.3")	109 mm (4.3")	109 mm (4.3")	109 mm (4.3")	109 mm (4.3")
Centrally Located Color Touch Screen Everything at eye level; it is clear and easy to use. Can be used with fingertip or touchpen and offers touch-scroll selection. Display and backround color can be customized and the screen brightness can be set according to your needs.	7"	7"	7"	7"	7"	4.3"	4,3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	–	–
Centrally Located LCD Screen LCD display for intuitive navigation shows all settings directly on the screen.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓	✓
Multi-function Knobs Easily accessible knobs for making stitch adjustments before and during sewing in .05 increments for smooth stitch transitions. Used in embroidery for composing and design alterations.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–
LED Sewing Light Bright illumination in the needle area and over the freearm. On some machines the brightness is adjustable.	30	30	30	30	30	16	12	12	12	12	8	8	8	8	–	–
Automatic Needle Threader Easy threading. The needle is threaded fully automatically at the touch of a button.	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Semi-automatic Needle Threader Easy threading of the needle.	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manual Thread Cutters Conveniently positioned thread cutters in the area of the bobbin case, the bobbin winder motor and the needle to cut off thread ends.	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3
BERNINA Pinpoint Laser Perfect placement for the perfect project. The BERNINA Pinpoint Laser marks your start and travel points as you sew and embroider. Feel the joy of precision and control.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WiFi Thanks to WiFi, the B 790 PRO can be connected directly to the BERNINA Embroidery Software 9 for transferring embroidery designs - or to the BERNINA Stitchout App. Monitor the embroidery process and thread colors remotely. You will receive notifications in case your attention is needed.	–	✓	–	–	–	–	–	–	–	–	-	–	–	–	–	–

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BERNINA stitchprecision2 Technology The next generation BERNINA stitchprecision2 technology makes your sewing, quilting and embroidery experience quieter and more precise. Swiss innovations allow for enhanced stitch quality and up to 33% higher SDT embroidery speed.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total Stitch Control Permanent or temporary altering of length, width, needle position and other creative functions of all stitches - even while sewing.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BERNINA Adaptive Thread Tension Once the tension is set according to the fabric and thread used, the thread tension is constantly monitored and adjusted automatically, if needed, resulting in the finest stitching.	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–
BERNINA Dual Feed BERNINA Dual Feed ensures even feeding of hard-to-manage fabrics with beautiful results.	✓	✓	✓	–	–	✓	✓	–	–	–	–	–	–	–	–	–
Hook System The CB Hook is the traditional BERNINA mechanism that produces the legendary BERNINA stitch quality at 5.5 mm wide. The BERNINA Rotary Hook offers the same stitch quality at 9 mm stitch width and bobbin thread monitoring. The innovative BERNINA Hook maintains legendary BERNINA stitch quality at 5.5 mm and 9 mm stitch widths. An easy bobbin case insertion and large capacity bobbin make this ideal.	Rotary Hook	B	B	B	B	B	B	B	B	B	B	B	B	B	CB	CB
Jumbo Bobbin with 70 % more Capacity More thread on the bobbin ensures significantly fewer interruptions in sewing, which is particularly helpful for large quilts or when embroidering.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–
Bobbin Winding while Sewing/Embroidering Fast winding of the bobbin, even while sewing.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Programmable Bobbin Fill Level The desired amount to be wound on the bobbin can be selected. This saves thread when only small quantities are needed.	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Powerful DC Motor Full power at all speeds provides for consistent stitching on multiple layers and heavy fabrics.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hammer Mode Built-in mechanism that drives the needle to stitch through more than 30 layers of fabric. The needle pulsates through the fabric to form the stitch.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BERNINA Free Hand System (FHS) Knee operated lever raises the presser foot, lowers the feed dog and releases the thread tension keeping your hands free for guiding the fabric and the height for the fabric passage increases so that even thick layers of fabric can be easily pushed under the presser foot.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
Automatic Raise/Lower Feed Dog Automatically raise (or lower) the Feed Dog when switching between Sewing/Embroidery or Sewing/BSR.	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

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Programmable BERNINA Foot Control Replace the back-kick function with securing stitches, Automatic Thread Cutter and raising the presser foot.	✓	✓	✓	–	–	✓	✓	–	–	–	✓	✓	–	–	–	–
BERNINA Foot Control Consistent control and a back-kick function to raise and lower the needle. One single push onto the front sews one stitch, one heel push makes the needle move up or down.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	–	–	–	–
Thread-up Command Push the needle up/down button to lower and raise the needle to bring the bobbin thread to the top of the fabric so the threads can be secured manually. Perfect for quilting and free-standing lace.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Automatic Presser Foot Lifter Convenient automatic presser foot lowering and raising. Press the foot control to lower the presser foot, and sewing or embroidering can be started. At the end of the sewing or embroidery process, the foot is raised automatically.	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–
Automatic Thread Cutter The upper and lower threads are cut automatically or at the touch of a button. The top thread is carried to the back side of the fabric. Program 2 types of tie-offs.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–
Adjustable Presser Foot Pressure Adjust the presser foot pressure to eliminate skipped stitches and wavy seams on knits.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Needle Reminder To save the settings for the needle type used.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–
Lower Thread Sensor Warns when the bobbin thread runs low.	✓	✓	✓	✓	✓	✓	✓	–	–	✓	–	–	–	–	–	–
Upper Thread Sensor Indicates when the upper thread breaks or runs out.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Clock/Alarm Program alarm time and personal alarm message.	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tutorial Access Tutorials for sewing, quilting and embroidery techniques. Also provides information about threading, needles and other including animation videos.	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
On-screen Help Use the '?' to identify functions and stitches. Built-in animations lead you through processes and provide reminders.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–
eco Mode The eco mode saves energy and provides a child safety lock.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–
Machine Type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Elektronisch	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Retractable Feed Dog	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓

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SEWING AND QUILTING																
Maximum Sewing Speed (stitches per minute) The B 880 PLUS has the fastest sewing speed of any domestic sewing machine.	1200 spm	1000 spm	1000 spm	1000 spm	–	1000 spm	1000 spm	1000 spm	1000 spm	–	900 spm	900 spm	900 spm	900 spm	900 spm	900 spm
Maximum Stitch Width The variable Stitch Width can be adjusted while sewing. The 9 mm maximum stitch width available on some models expands your design possibilities.	9 mm	9 mm	9 mm	5.5 mm	–	9 mm	9 mm	9 mm	5.5 mm	–	5.5 mm	9 mm	5.5 mm	5.5 mm	5.5 mm	5.5 mm
Maximum Stitch Length The variable stitch length provides a smooth blend of different lengths and can be adjusted while sewing.	6 mm	6 mm	6 mm	6 mm	–	6 mm	6 mm	6 mm	6 mm	–	6 mm	6 mm	6 mm	6 mm	5 mm	5 mm
Adjustable Needle Positions Multiple Needle Positions allow for very precise sewing. You can sew most patterns in any needle position.	11	11	11	11	–	11	11	11	11	–	11	11	11	11	9	9
Presser Foot Recommendation The display shows the recommended presser foot for the general use of the selected stitch.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Presser Foot Selection Signals to the machine how far the needle position is safe with the foot fitted.	✓	✓	✓	✓	✓	✓	✓	–	–	✓	–	–	–	–	–	–
Presser Foot Library Access to an integrated library of current sewing feet and accessories.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–
Security Function for Needle and Stitch Plate Select respective needle type (single, double, triple, etc.) and stitch plate type. Automatically limits width function respectively. Prevents needle from hitting foot and/or stitch plate, avoiding damage.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Sideways Motion Multi-directional sewing expands your decorative stitch possibilities.	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tapering To create and customize the tip at the beginning or end of a decorative stitch for unlimited possibilities.	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Automatic Buttonhole / Length Measuring System The buttonhole length can be determined in advance. Buttonhole Foot with Slide #3A must be used. The same buttonhole length remains stored and can be sewn as often as desired until a new length, another buttonhole or another stitch is selected.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Manual Multi-step Buttonhole The length of the beads is manually determined when sewing. Bartack, eye and securing stitches are preprogrammed. The individual steps can also be selected by scrolling via the arrow icons or by pressing the button «Quick Reverse».	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Button Sew-on Program A button can be placed directly on the display. The size of the buttonhole is determined by turning the Multi-function Knobs.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Adjustable Buttonhole Slit Width Adjust the spacing of the beads appropriate for thick or heavy fabrics.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	–	–	–	–

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Personal Memory To save individually modified stitches that can be called up again later. Stitches are retained until they are deleted from the personal program memory.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Import/Export Stitches via USB To import and export sewing stitches via a USB stick.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Saving Settings of Stitch Patterns Change the factory stitch setting to personalize the stitch; remains until the default setting is restored.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Temporary Altered Stitch Memory Stitch settings are remembered during the sewing session. This saves time when repeating stitches in a project.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
History Function (most recently used stitch patterns) The last sewn stitches and their changes are recorded in a history menu and are retained even after the machine is switched off which makes separate writing down unnecessary. Stitches can be selected directly from «History».	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–
Stitch Designer Create your own stitches or edit existing stitch patterns. 9 mm and Sideways Motion Stitches can be designed.	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Creative Consultant Sewing Get reliable support for various applications and fabrics from the integrated Sewing Consultant. Makes suggestions regarding needles, presser foot, stabilizer etc.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Fit to Screen By tapping the icon, the entire stitch pattern becomes visible without the virtual presser foot.	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–
Swipe Immediate delete by selecting stitch in combination and sliding to the right or to the left. Great to use when trashcan not visible.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Drag and Drop Stitch patterns of a combination can be positioned in relation to each other as desired using drag and drop or the Multi-function Knobs.	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pattern Repeat To program the machine to stop at the end of a programmed number of design repetitions.	1-9	1-99	1-99	1-99	–	1-99	1-9	1-9	1-9	–	1-9	1-9	1-9	1-9	–	–
Pattern Begin This function facilitates the sewing start at the beginning of the design, no matter where it was stopped before.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Pattern End No more half-finished designs; the machine stops when the design is finished. Programmable models additionally feature securing and cutting.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Mirror-image Function Horizontal or vertical mirroring of the stitch expands the design possibilities.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	–
Elongation Extend stitch pattern length in 1% or 100% steps for decorative effects. Shortest length is 10 %; maximum length is 1000 %.	✓	✓	✓	✓	–	✓	✓	–	–	–	✓	✓	–	–	–	–

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Basting Stitch To baste seams, hems and quilts. Maximum basting stitch length provided by activating the long stitch function (on some models).	Basting Stitch #21	Basting Stitch #21	Basting Stitch #21	Manual Basting Stitch #30	–	Manual Basting Stitch #30	Manueller Heftstich #30	Manual Basting Stitch #30	Manual Basting Stitch #30	–	Manual Basting Stitch #30	Manual Basting Stitch #30	Manual Basting Stitch #30	Manual Basting Stitch #30	Basting Stitch #23	–
Long Stitch Only every second stitch is sewn. Helpful for practical stitches but also for decorative purposes.	✓	✓	✓	–	–	✓	–	–	–	–	–	–	–	–	–	–
Triple Stitch Stitches are sewn 3 times (forward-back-forward) for a more distinct and bolder look.	–	✓	✓	✓	–	✓	✓	–	–	–	–	–	–	–	–	–
Distortion Distort Stitch Patterns left/right and forward/backward in .01 mm increments for decorative effects.	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Continous Reverse Reverse sewing at the touch of a button.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Backstepping The stitch pattern is sewn precisely backwards stitch by stitch.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–	–	–	–	–	–
Securing Stitch Automatic securing at the beginning or the end of the seam with a short securing stitch.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Programmable Securing Function Automatically secures a single pattern or combination by adding some on the spot stitches.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	–	–	–
BSR Enabled Usability of the BERNINA Stitch Regulator (BSR) on the machine.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	–	–	–
BSR Mode 3 BSR 3 Mode is used for free-motion basting around a design. It has 2 different stitch lengths: SPI2 and SPI4.	–	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–
KickStart Function The KickStart Function allows to quilt in a continuous sewing mode with the BERNINA Stitch Regulator (BSR) without having to push the foot control.	–	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–
Start/Stop Button (stitching without foot control) As an alternative to the traditional foot control, power the machine using the Start/Stop button and regulate the speed with the Slide Speed Control.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hopper Mechanism The vertical spring presses the sole to the fabric, preventing the fabric from pulling up with the needle. The result is a neat consistent stitch pattern.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Presser Foot Hover Function Activate Hover with a quick tap of the Start/Stop button to reposition the project. Program Hover to work with the Needle Stop Down function to Pivot.	✓	✓	✓	✓	–	✓	✓	–	–	–	–	–	–	–	–	–
Freearm Sewing The slim freearm is perfect for hemming small tubular pieces, such as baby clothes, pant legs, etc.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Monograms (with sideways motion only)	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total Number of Sewing Stitch Patterns (incl. alphabets)	1764	2040	1809	1255	–	1774	1450	1048	1048	–	994	994	840	650	221	97

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Alphabets/Monograms	10/1	9/1	9	6	–	9	8	5	5	–	5	5	4	3	2	1
Decorative Stitches	632	700	500	350	–	499	450	300	300	–	250	250	200	150	91	23
Button Sew-on Program	1	1	1	1	–	1	1	1	1	–	1	1	1	1	1	1
Buttonholes/Eyelets	17/2	16/2	16/2	13/2	–	16/2	14/2	12/2	12/2	–	9/2	9/2	8/2	7/2	4/1	1
Practical Stitches	38	38	38	32	–	38	35	30	30	–	29	29	29	29	20	15
Sideways-Motion Stitches	109	139	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Quilting Stitches	69	70	74	29	–	60	74	43	44	–	28	28	41	14	12	3
Tassel/Tapering/Skyline Stitch Patterns Create and adjust the stitch taper before and after decorative stitch applications for unlimited design possibilities.	81	0/28/30	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Darning Programs	2	2	2	2	–	2	2	2	2	–	2	2	2	2	1	1
Balance Setting Balance is used to balance forward and reverse stitches so that the stitch formation can be adjusted where necessary to suit the material.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓

EMBROIDERY																
Maximum Embroidery Speed (Stitches per minute) High speeds allow the project to be completed more quickly.	1000 spm	1000 spm	1000 spm	1000 spm	1000 spm	1000 spm	1000 spm	1000 spm	1000 spm	1000 spm	–	–	–	–	–	–
Embroidery Area Large embroidery fields allow for larger embroidery projects.	400 x 260 mm (15.7 x 10.2")	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 (15.7 x 8.3")	400 x 150 mm (15.7 x 5.9")	400 x 150 mm (15.7 x 5.9")	400 x 150 mm (15.7 x 5.9")	400 x 150 mm (15.7 x 5.9")	400 x 150 mm (15.7 x 5.9")	–	–	–	–	–	–
Freearm Embroidery Easy freearm embroidery with all embroidery hoops without additional tools. For embroidering tubular items such as pant legs, t-shirts, onesies, etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Built-in Embroidery Designs	462	500	275	250	320	275	250	50	50	275	–	–	–	–	–	–
Embroidery Alphabets	21	25	8	6	18	8	7	4	4	8	–	–	–	–	–	–
Customizable Quilt Designs (.bqm files) Easily customize quilt designs, with unlimited scaling and setting of stitches per inch.	–	76	–	–	–	–	–	–	–	–	–	–	–	–	–	–
On-screen Editing of Designs Easy and quick editing of embroidery designs right on the touchscreen.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Duplicate/Add Designs Quick duplication of an embroidery design. Using Add, designs and lettering can be combined on the screen.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–

Model	B 880 PLUS	B 790 PRO	B 770 QE PLUS	B 735	B 700	B 590	B 570 QE	B 540	B 535	B 500	B 485	B 480	B 475 QE	B 435	B 335	B 325
Change Design Size Proportionally To zoom designs in or out, proportionally on the screen. Enlarging/ reducing within a range of +/- 20% gives the best results. Beyond this range, embroidery designs should be tested first.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Change Design Size Non-Proportionally To alter the height and width separately. The best results are achieved when increasing or decreasing the values within a range of +/- 20%. Beyond this range, embroidery designs should be tested first.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Move, Rotate, and Mirror To relocate designs by drag and drop or by using the Multi-function Knobs; rotation possible in 1-degree increments. Mirroring the embroidery designs for optimal placement on projects.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Align/Distribute Embroidery Designs Align embroidery design horizontally or vertically.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Endless Embroidery Perfect for embroidered borders that are longer than the hoop. Stitched reference marks and on-screen animations ensure precise re-alignment during rehooping.	✓	✓	–	–	✓	✓	–	–	–	✓	–	–	–	–	–	–
Shape Designer Arrange designs including imported stitches into formations such as rectangles, circles, hearts, stars, arcs and more to expand your creativity.	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Color Wheel Quickly change the colorway of your design on-screen to get an impression with other color design. New colors are assigned to the current thread library.	✓	✓	–	–	✓	✓	–	–	–	✓	–	–	–	–	–	–
QWERTY Keyboard Display of the QWERTY keyboard in embroidery mode and in Personal Settings for easy text input.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WordArt Create lettering with curved baselines. Adjust the letter spacing to achieve the best look.	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Multi-line Lettering and Align Function Entry of multi-line texts via the Enter key. Increase and decrease spacing between letters, align to the right, to the left, to the center and change spacing between lines.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drag and Drop Simple drag and drop allows for easy positioning of embroidery designs.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Absolute Check Design Positioning Design placement tool – stitch by stitch. Check individual stitch locations for precise placement on the project from the Edit screen. The needle moves to that location in the hoop.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
4-Point Placement with Morphing The 4-Point Placement function allows you to morph your designs to precisely suit your project. Morph or Fit is available.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Model	B 880 PLUS	B 790 PRO	B 770 QE PLUS	B 735	B 700	B 590	B 570 QE	B 540	B 535	B 500	B 485	B 480	B 475 QE	B 435	B 335	B 325
2-Point Placement For easy positioning and alignment to place embroidery designs accurately. Rotate and align designs even when the project is crooked. Possibility of grid point or free point positioning.	✓	✓	✓	✓	✓	✓	–	–	–	✓	–	–	–	–	–	–
Lock Scaling Prevents the size of the embroidery design from being changed while being positioned.	–	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–
Check Design Size Tool for placing designs. Check the embroidery design size. The center of the pattern can also be displayed.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Group/Ungroup Objects can be easily grouped and edited at the same time. Depending on the design, it can be split using the ungroup function in order to edit or delete individual parts.	✓	✓	✓	✓	✓	✓	–	–	–	✓	–	–	–	–	–	–
Rearrange Designs Change the stitching order of designs by changing the order of the layers.	✓	✓	✓	✓	✓	✓	–	–	–	✓	–	–	–	–	–	–
Undo/Redo Undo and redo steps when on-screen editing.	✓	✓	–	–	✓	✓	–	–	–	✓	–	–	–	–	–	–
Adjust Stitch Density To alter the stitch density to adapt the embroidery design to the different fabrics.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Change Stitch Type To alter a satin stitch to a fill stitch to minimize long stitches that can become tangled.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Change Thread Brand To quickly change the color and/or brand of the thread on the screen, in order to conform with the project.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Basting Different basting stitches can be added before embroidering. Options to choose between basting stitch around the embroidery design or along the inner hoop.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Color Resequence Several identical colors of an embroidery design are combined into one color, keeping the number of color changes to a minimum. Saves time.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Stitch Design as Single/Multi-Color To embroider a design in one color without interruption or as a multicolored design.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Personal Memory for Saving Embroidery Designs Your own combinations, modified embroidery designs or external designs can be saved.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Programmable Jump Stitch Cutting Set any length of jump stitches to be cut and eliminate manual cutting.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Smart Secure Missing tie-on/off stitches are added automatically if none were programmed.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Invisible Secure Improved sew-on and securing stitches that are completely invisible under the embroidery design.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–

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Centering the Embroidery Design The non-centered positioning of the design can be saved on the machine and the position of the design in the hoop is imported as defined in the BERNINA Embroidery Software.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Thread Away Mode An automatic, quick movement of the embroidery hoop ensures that the thread ends are pulled to the wrong side of the project. To be switched on or off as desired, depending on the design.	✓	✓	✓	✓	✓	✓	✓	–	–	✓	–	–	–	–	–	–
Switch Unit of Measurement To display the size of the embroidery design and the hoop in inches or millimeters.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Creative Consultant Embroidery Get reliable support for various applications and fabrics from the integrated Embroidery Consultant. Makes suggestions regarding needles, presser foot, stabilizer etc.	✓	✓	–	✓	✓	✓	–	–	–	✓	–	–	–	–	–	–
Embroider Sewing Stitches Increase accuracy by embroidering sewing stitches, including buttonholes. Access sewing stitches from the integrated folder or import altered sewing stitches from sewing.	✓	✓	–	–	–	✓	–	–	–	–	–	–	–	–	–	–
Multi-format Reading No need to convert. Reads EXP, DST, PES, PEC, JEF, PCS, SEW, XXX.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
BQM Format Reading Unlimited scaling of quilt designs in BQM format ensure perfect quilting result.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Adjust Stitches Per Inch (BQM) Change of the stitches per inch.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Design Transfer from/to BERNINA Embroidery Software 9 via WiFi WiFi now connects the machine directly to BERNINA Embroidery Software 9 to transfer embroidery designs.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Embroidery Design Import/Export via USB Interface Enjoy rapid and direct connectivity for design transfer and updates.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–
Automatic Hoop Recognition	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–
View Stitch-out Time, Thread Colors, Size, Stitches Design details at a glance.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
BERNINA Stitchout App Compatible Remotely monitor the embroidery process and thread colors. You'll get notifications when your attention is needed.	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Embroidery Sequence Control This function helps to reposition the embroidery position after a thread breakage. You can move forward or backward stitch-by-stitch or in steps of 50.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Position Recall The last embroidered stitch is always saved so that embroidery can be resumed at exactly the same point in the project in case of a power failure.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Jumbo Hoop Compatibility	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–

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Maxi Hoop Compatibility	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–
Mega Hoop Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Midi Hoop Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Medium Clamp Embroidery Hoop Compatibility	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–	–
Small Clamp Embroidery Hoop Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–
Large Freearm Embroidery Hoop Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–

STANDARD ACCESSORIES																
Embroidery Module L with Smart Drive Technology (SDT) Enhanced stitch quality, smoother and quieter movement and up to 55 % higher embroidery speed.	✓	✓	–	–	✓	–	–	–	–	–	–	–	–	–	–	–
Embroidery Module M with Smart Drive Technology (SDT) Enhanced stitch quality, smoother and quieter movement.	–	–	–	–	–	✓	–	–	–	✓	–	–	–	–	–	–
BERNINA Precision Presser Feet/Soles Included	12	11	7	5	1	9	8	5	5	1	5	5	6	6	6	5
Reverse Pattern Foot/Sole #1	–	–	–	✓	–	–	–	–	✓	–	✓	–	✓	✓	✓	✓
Reverse Pattern Foot #1C	✓	✓	✓	–	–	✓	✓	✓	–	–	–	✓	–	–	–	–
Reverse Pattern Foot #1D	✓	✓	✓	–	–	✓	✓	–	–	–	–	–	–	–	–	–
Overlock Foot/Sole #2	–	–	–	–	–	–	–	–	✓	–	✓	–	✓	✓	✓	✓
Overlock Foot #2A	✓	✓	–	–	–	✓	✓	✓	–	–	–	✓	–	–	–	–
Buttonhole Foot/Sole #3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓	✓
Buttonhole Foot with Slide #3A	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–
Buttonhole Foot #3C	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Zipper Foot/Sole #4	–	–	–	✓	–	–	–	✓	✓	–	✓	✓	✓	✓	✓	✓
Zipper Foot #4D	✓	✓	✓	–	–	✓	✓	–	–	–	–	–	–	–	–	–
Blindstitch Foot #5	✓	✓	–	–	–	✓	–	–	–	–	✓	✓	✓	✓	✓	✓
Jeans Foot/Sole #8	–	–	–	✓	–	–	–	–	–	–	–	–	–	–	–	–
Jeans Foot #8D	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Button Sew-on Foot #18	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Open Embroidery Foot/Sole #20	–	–	–	✓	–	–	–	–	✓	–	–	–	✓	–	✓	–
Open Embroidery Foot #20D	✓	✓	✓	–	–	✓	✓	✓	–	–	–	–	–	–	–	–

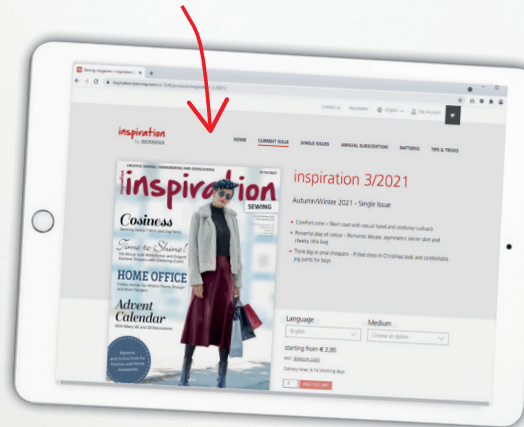| Model	B 880 PLUS	B 790 PRO	B 770 QE PLUS	B 735	B 700	B 590	B 570 QE	B 540	B 535	B 500	B 485	B 480	B 475 QE	B 435	B 335	B 325
Embroidery Foot #26	✓	–	–	–	✓	✓	–	–	–	✓	–	–	–	–	–	–
Embroidery Foot #26L	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Patchwork Foot/Sole #37	–	–	–	–	–	–	–	–	–	–	–	–	✓	✓	–	–
BERNINA Stitch Regulator (BSR) #42 The patented BERNINA Stitch Regulator (BSR) provides consistent free-motion stitching even at high speeds. Straight stitch and zigzag are available.	✓	✓	✓	–	–	✓	✓	–	–	–	–	–	–	–	–	–
Sideways Motion Foot #40C	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Snap-on Shank #78	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓	✓
Patchwork Foot #97D	–	–	✓	–	–	–	✓	–	–	–	–	–	–	–	–	–
Straight/CutWork Stitch Plate	✓	✓	✓	✓	–	✓	✓	✓	✓	–	–	–	–	–	–	–
Slide-on Table Attaching the freearm slide-on table increases your sewing area, making it significantly easier to sew large projects.	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	✓
Knee Lever/Free Hand System (FHS)	✓	✓	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	–	–	–
Standard Embroidery Hoops Included	3	3	–	–	3	2	–	–	–	2	–	–	–	–	–	–
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 S with Template (72 × 50 mm, 2.8" × 2")	✓	✓	–	–	✓	–	–	–	–	–	–	–	–	–	–	–
Multiple Spool Holder	✓	–	–	–	✓	–	–	–	–	–	–	–	–	–	–	–
Dust Cover	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
Accessory Box	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–
Accessory Bag	–	–	–	–	–	–	–	–	–	–	–	–	✓	✓	✓	✓

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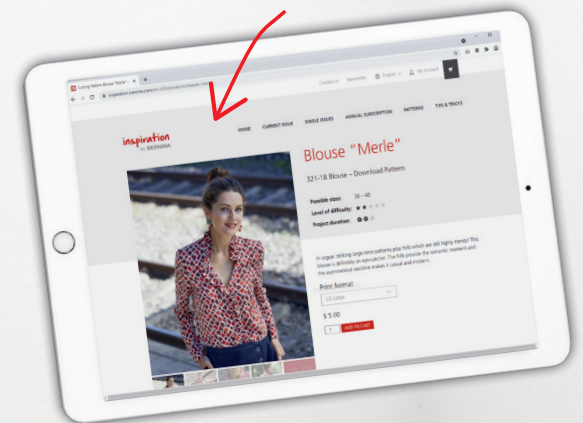
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