

BERNINA Model	880 PLUS	790 PLUS	770 QE	740	700	590	570 QE	535	500	480	475	435	530	335	325	215	1008
<b>GENERAL MACHINE FEATURES</b>																	
<b>Space to the Right of the Needle</b> More sewing and embroidery space to the right of the needle offers comfort and more maneuverability when stitching large and small projects.	12"	10"	10"	10"	10"	8.5"	8.5"	8.5"	8.5"	7"	7"	7"	7.5"	6.3"	6.3"	6.3"	6 5/8"
<b>Workspace Height</b> Additional height provides more room for quilt rolls and dimensional projects for overall sewing ease.	5"	5"	5"	5"	5"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.3"	4.13	4.13
<b>Centrally Located Touch Screen</b> Everything at eye level; it is clear and easy to use. Can be used with fingertip or stylus and offers touch-scroll selection.	7" TFT Color	7" TFT Color	4.3" TFT Color	4.3" TFT Color	7" TFT Color	4.3" TFT Color	4.3" TFT Color	4.3" TFT Color	4.3" TFT Color	4.3" TFT Color	4.3" TFT Color	4.3" TFT Color	3.0" LCD B and W	3.0" LCD B and W	3.0" LCD B and W	2.7" LCD B and W	Printed Stitch Chart (no screen)
<b>Stitch Selection</b> Intuitive access to stitches allows you to focus on creativity. Cap-touch Screens do not react to pressure, but operate similarly to smart phone technology.	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Cap-Touch Screen	Cap-Touch Screen	Cap-Touch Screen	Cap-Touch Screen	Cap-Touch Screen	Cap-Touch Screen	Cap-Touch Screen	One Touch System and Navigation Keys	One Touch System	One Touch System	One Touch System	Stitch Lever
<b>Multifunction Knobs</b> 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.	•	•	•	•	•	•	•	•	•	•	•	•					
<b>Illumination</b> Bright illumination in the needle area and over the free arm. The brightness is adjustable. The B 790 PLUS and B 770 QE also have lighting in the bobbin area.	30 LEDs	30 LEDs + Bobbin Area	30 LEDs + Bobbin Area	30 LEDs	30 LEDs	16 LEDs	12 LEDs	12 LEDs	12 LEDs	8 LEDs	8 LEDs	8 LEDs	12 LEDs	8 LEDs	8 LEDs	LED	Standard Bulb
<b>Box Feed System</b> The entire set of feed dogs comes up under the fabric and securely holds the fabric under the presser foot during the stitch formation.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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<b>On-screen Help</b> Use the '?' to identify functions and stitches. Built-in animations lead you through processes and provide reminders.	•	•	•	•	•	•	•	•	•	•	•	•						
<b>Creative Consultant and Tutorials</b> Access Tutorials for sewing techniques and use Creative Consultant for sewing different fabrics successfully.	•	•	•	•	N/A	•	•	•	N/A	•	•	•	Creative Consultant					
<b>Automatic Needle Threading</b> Thread the needle with ease. The B 880 PLUS has a Fully Automated Threading System threading the machine and needle in one simple process.	Fully Automatic	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	Built-in Needle Threader	
<b>Automatically Raise or Lower Feed Dogs</b> The B 880 PLUS will automatically raise (or lower) the Feed Dog when switching between Sewing/Embroidery or Sewing/BSR.	•																	
<b>Powerful DC Motor</b> Full power at all speeds provides for consistent stitching on multiple layers and heavy fabrics.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AC
<b>Separate Bobbin Winding Motor</b> Wind a bobbin quickly and even wind a bobbin while sewing!	• Fill Level Control	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>Hammer Mode</b> Built-in mechanism to power the needle to go through 30+ layers of fabrics. Needle pulses through fabrics to make the stitch.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>Eco Mode</b> Stand-by mode saves energy and offers child-proof lock.	• Slideshow	• Slideshow	• Slideshow	• Slideshow	• Slideshow	•	•	•	•	•	•	•						

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<p><b>Hook System</b> The CB Hook is the traditional BERNINA mechanism that produces the legendary BERNINA stitch quality at 5.5 mm wide.</p> <p>The BERNINA Rotary Hook offers the same stitch quality at 9 mm stitch width and bobbin thread monitoring.</p> <p>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.</p>	8 Series Rotary 9 mm	BERNINA Hook 9 mm	BERNINA Hook 9 mm	BERNINA Hook 9 mm	BERNINA Hook N/A	BERNINA Hook 9 mm	BERNINA Hook 9 mm	BERNINA Hook 5.5 mm	BERNINA Hook N/A	BERNINA Hook 9 mm	BERNINA Hook 5.5 mm	BERNINA Hook 5.5 mm	CB 5.5 mm	CB 5.5 mm	CB 5.5 mm	CB 5.5 mm	CB 5.5 mm
<p><b>Bobbin Capacity</b> BERNINA Jumbo Bobbins hold 70% more thread than standard bobbins.</p>	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Jumbo Bobbin	Standard CB	Standard CB	Standard CB	Standard CB	Standard CB
<p><b>BERNINA Adaptive Thread Tension</b> 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 without pressing a button.</p>		•	•	•	•	•	•	•	•	•	•	•					
<p><b>Upper Thread Sensor</b> Indicates when the upper thread breaks or runs out.</p>	•	•	•	•	•	•	•	•	•								
<p><b>Bobbin Thread Sensor</b> Warns when the bobbin thread runs low.</p>	•	•	•		•	•	•		•								
<p><b>Automatic Thread Cutter</b> 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.</p>	Ability to Program	Ability to Program	Ability to Program	Ability to Program	•	Ability to Program	Ability to Program	Ability to Program	•	Ability to Program	•						
<p><b>Manual Thread Cutters</b> Conveniently placed thread cutters by bobbin insertion and winding areas and by the needle to control thread tails.</p>	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	2

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<b>BERNINA Foot Control</b> Enjoy consistent control plus a back-kick function to raise and lower the needle. Take 1 full stitch using the front and a half stitch with the heel.	•	•	•	•	Optional	•	•	•	Optional	•	Optional	Optional	•	Optional	Optional	Optional	
<b>Programmable Foot Control</b> Replace the back-kick function with securing stitches, cutting both threads and raising the presser foot.	•	•	•			•	•			•							
<b>Start/Stop with Slide Speed Control</b> 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.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
<b>USB Ports</b> Conveniently update your own machine with downloadable firmware and a USB. For machines with embroidery, access and save motifs. Some models allow stitch transfer through Personal Program.	2	1	1	1	1	1	1	1	1	1	1	1	1 PC Connection for Updates				
<b>Time Display / Alarm Clock</b> Program alarm time and personal alarm message.	•																

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<b>SEWING FEATURES</b>																	
<b>Maximum Sewing Speed</b> (stitches per minute) The B 880 has the fastest sewing speed of any domestic sewing machine.	1200	1000	1000	1000	N/A	1000	1000	1000	N/A	900	900	900	900	900	900	900	900
<b>BERNINA Stitch Regulator (BSR)</b> The patented BERNINA Stitch Regulator (BSR) provides consistent free-motion stitching even at high speeds. Select straight stitch and zigzag free-motion stitching with the BSR.	1200 spm	1000 spm	1000 spm	Optional 1000 spm	N/A	1000 spm	1000 spm	Optional 1000 spm	N/A	Optional 900 spm	Optional 900 spm		Optional 900 spm				
<b>Integrated BERNINA Dual Feed</b> BERNINA Dual Feed ensures even feeding of hard-to-manage fabrics with beautiful results.	Ability to Fine-tune	•	•	•	N/A	•	•		N/A								
<b>Automatic Presser Foot Lift</b> Enjoy convenience with the automatic presser foot lower and lift. Press on the foot control to lower the foot to begin sewing. At the end of cutting, the foot lifts automatically.	•	•	•	•	N/A	•	•		N/A								
<b>Free Hand System (FHS)</b> Knee operated lever raises the presser foot, lowers the feed dog and releases the thread tension keeping your hands on the fabric while guiding and pivoting.	•	•	•	•	N/A	•	•	•	N/A	•	•	Optional	•	Optional			
<b>Maximum Stitch Length (mm)</b> The variable Stitch Length provides a smooth transition from length to length and can be adjusted while sewing.	6.0	6.0	6.0	6.0	N/A	6.0	6.0	6.0	N/A	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0
<b>Maximum Stitch Width (mm)</b> The variable Stitch Width can be adjusted while sewing. The 9mm maximum stitch width available on some models expands your design possibilities.	9.0	9.0	9.0	9.0	N/A	9.0	9.0	5.5	N/A	9.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5

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<b>Needle Positions</b> Multiple Needle Positions allow for very precise sewing. You can sew most patterns in any needle position.	11	11	11	11	N/A	11	11	11	N/A	11	11	11	11	9	9	9	5
<b>Needle Up / Down</b> Basic setting is needle stop up. Some models allow for selection of needle to stop in the raised (up) or lowered (down) position.	•	•	•	•	N/A	•	•	•	N/A	•	•	•	•	•	•	•	
<b>Needle Minder</b> Store settings for needle type inserted.	•	•	•	•	•	•	•	•	•	•	•	•					
<b>Directional and Sideways Motion Stitching</b> Multi-directional sewing expands your decorative stitch possibilities.	360 Directions	360 Directions			N/A				N/A								
<b>Tapering</b> Create and adjust the stitch taper before and after decorative stitch applications for unlimited design possibilities.	•	•			N/A				N/A								
<b>Distorting Stitch Patterns</b> Distort Stitch Patterns left/right and forward/backward in .01mm increments for decorative effects.	•				N/A				N/A								
<b>Stitch Designer</b> Create your own stitches or edit existing stitch patterns. 9mm and Sideways Motion Stitches can be designed.	•	•			N/A				N/A								
<b>Temporary Altered Stitch Memory</b> Stitch settings are remembered during the sewing session. This saves time when repeating stitches in a project.	•	•	•	•	N/A	•	•	•	N/A	•	•	•	•	•	•	•	

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<b>History Stitches</b> Sewn stitches along with any alterations are recorded in a History Menu. Stitches must be sewn to be recorded and are retained even after machine shut down. Stitches can be selected from the History Menu.	24	24			N/A				N/A								
<b>Saved Stitch Settings</b> Save over the factory default stitch settings to personalize a stitch; remains in effect until you reset to default stitch settings.	•	•	•	•	N/A	•	•	•	N/A	•	•		•				
<b>Personal Program (Single Stitch Save)</b> Record your individually altered stitches for future retrieval. Saved until deleted from the personal program memory.	4 Folders	4 Folders	4 Folders	4 Folders	N/A	4 Folders	4 Folders	4 Folders	N/A	4 Folders	4 Folders	4 Folders					
<b>Long-term Memory/Stitch Combinations</b> Create and store stitch combinations including lettering. Patterns remain in memory even after machine is turned off.	Multiple Drawers	Multiple Drawers	Multiple Drawers	Multiple Drawers	N/A	Multiple Drawers	Multiple Drawers	Multiple Drawers	N/A	Multiple Drawers	Multiple Drawers	Multiple Drawers	100 spaces	30 spaces	30 spaces		
<b>Import/Export Stitches via USB</b> Import and export sewing stitches via USB.	•	•	•	•	N/A	•	•	•	N/A	•							
<b>Security Program</b> 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.	•	•	•	•	N/A	•	•	•	N/A	•	•	•					
<b>Securing Function</b> Automatically secures a single pattern or combination by adding some on the spot stitches at the finish.	Ability to Program	Ability to Program	Ability to Program	Ability to Program	N/A	Ability to Program	Ability to Program	•	N/A	Ability to Program	•	•	•				
<b>Securing Stitch</b> Automatically secures at the start and finish of a task with a short reverse sequence straight stitch.	•	•	•	•	N/A	•	•	•	N/A	•	•	•	•	•	•		

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<b>Pattern Begin</b> Start sewing at the beginning of a pattern or sequence wherever you stopped.	•	•	•	•	N/A	•	•	•	N/A	•	•	•	•				
<b>Pattern End</b> No more half-finished patterns; machine stops after pattern is complete. Programmable models offer tie-off and cut.	Ability to Program	Ability to Program	Ability to Program	Ability to Program	N/A	Ability to Program	Ability to Program	•	N/A	•	•	•	•	•	•		
<b>Mirror Image of Stitch Patterns</b> Sew the mirror image of a stitch pattern with options. H = horizontal V = vertical	H/V	H/V	H/V	H/V	N/A	H/V	H/V	H/V	N/A	H/V	H/V	H/V	H (L/R)	H (L/R)			
<b>Pattern Elongation / Stitch Density</b> Extend stitch pattern length in 1% or 100% steps. Shortest length is 10%; maximum length is 1000%.	•	•	•	•	N/A	•	• No Density Adjustment		N/A	• No Density Adjustment							
<b>Triple Stitch Function</b> Stitches are sewn 3 times (forward-back-forward) for a more distinct and bolder look. For single stitch decorative patterns only.					N/A	•	•		N/A								
<b>Pattern Repeat</b> Program the machine to stop at the end of a programmed number of repeats for single stitches or stitch combinations.	1-9x	1-9x	1-9x	1-9x	N/A	1-99x	1-99x	1-9x	N/A	1-9x	1-9x	1-9x	1-9x				
<b>Long Stitch</b> Sews every second stitch; useful for practical and decorative applications.	•	•	•		N/A	•			N/A								
<b>Basting Stitch</b> Baste seams, hems and quilts. Maximize the basting stitch length by engaging the Long Stitch Function (on some models).	Stitch #21	Stitch #21	Stitch #21	Manual #30	N/A	Stitch #21	Manual #30	Manual #30	N/A	Manual #30	Manual #30	Manual #30	Manual #30	•			
<b>Drag and Drop Editing in Sewing</b> Simple drag and drop allows for easy positioning of sewing combinations.	•	•			N/A				N/A								



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<b>Swipe to Delete</b> Immediate delete by selecting stitch in combination and sliding to the right. Great to use when trashcan not visible.	•	•	•	•	N/A	•	•	•	N/A	•	•	•					
<b>Quick Reverse / Continuous Reverse</b> Sew backwards at a touch of a button/function.	•	•	•	•	N/A	•	•	•	N/A	•	•	•	•	•	•	•	
<b>Backstepping</b> The stitch pattern is accurately sewn in reverse stitch by stitch.	•	•	•	•	N/A	•	•	•	N/A	•	•						
<b>Presser Foot Pressure Adjustment</b> Adjust the foot pressure to eliminate skipped stitches on thick fabrics and wavy seams on knits.	•	•	•	•	N/A	•	•	Manual	N/A	Manual	Manual	Manual	Manual				
<b>Presser Foot Library</b> Access a built-in library of current presser feet and accessories.	•	•	•	•	N/A	•	•	•	N/A	•	•	•					
<b>Recommended Presser Foot Indicator</b> Indicator shows recommended presser foot for general use of stitch selected.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Presser Foot Sensor System</b> Lets the machine know how wide a needle swing is safely possible with attached foot.	•	•			N/A	•	•		N/A								
<b>Program Hover Function</b> 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.	•	•	•	•	N/A	•	•		N/A								
<b>Program Hover Height</b> Set the clearance between the presser foot and the feeddogs. Adjust from 0 – 7 mm (2mm is standard.)	•	•	•	•	N/A	•	•		N/A								

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<b>Automatic One-Step Buttonhole with Memory Function</b> Quickly set the length of the One-Step Buttonhole. Held in memory, the same size buttonhole may be repeated.	Width Adjustment Also	Width Adjustment Also	Width Adjustment Also	Width Adjustment Also	N/A	Width Adjustment Also	Width Adjustment Also	Width Adjustment Also	N/A	Width Adjustment Also	•	•	•	•	•		
<b>On-screen Buttonhole Measuring</b> Hold a button to the screen and set the length by adjusting a knob.	•	•	•	•	N/A	•	•	•	N/A	•	•	•					
<b>Adjustable Buttonhole Slit Width</b> Adjust the spacing of the beads appropriate for thick or heavy fabrics.	•	•	•	•	N/A	•	•	•	N/A	•							
<b>Hopper Mechanism</b> For free-motion stitching, the hopper mechanism ensures the needle and presser foot are working with you to form beautiful stitches.	•	•	•	•	N/A	•	•	•	N/A	•	•	•	•	•	•	•	•

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<b>STITCH PATTERNS</b>																		
Total Stitch Patterns	1764	1352	992	800	N/A	1809	1459	1048	N/A	994	840	650	395	221	97	11	17	
Practical Stitches	38	32	30	29	N/A	38	34	30	N/A	29	29	29	22	20	15	10	14	
Decorative Stitches	630	506	283	200	N/A	500	450	300	N/A	250	200	150	117	91	23	-	2	
Quilting Stitches	66	34	50	23	N/A	59	73	44	N/A	27	40	13	12	12	3	-	-	
Sideways-motion Stitches	109	117	-	-	N/A	-	-	-	N/A	-	-	-	-	-	-	-	-	
Buttonholes / Eyelets	17/2	13/2	11/2	9/2	N/A	16/2	14/2	12/2	N/A	9/2	8/2	7/2	7/1	4/1	1	1	1	
Button Sew-on Program	1	1	1	1	N/A	1	1	1	N/A	1	1	1	1	1	1	-	-	
Alphabets / Monograms	10/1	7/1	6	5	N/A	9	8	5	N/A	5	4	3	4	2	1	-	-	
Darning Programs	2	2	2	2	N/A	2	2	2	N/A	2	2	2	1	1	1	1	-	
<b>FEET AND BASIC ACCESSORIES</b>																		
Number of Feet Included	12	11	7 (+1 Emb)	5	1	9	8 (+1 Emb)	5 (+1 Emb)	1	5	6	5	5	6	5	5	5	
Feet as Standard	1C, 1D, 2A, 3A, 3C, 4D, 5, 18, 20C, 40C, BSR Emb - 26	1C, 1D, 2A, 3A, 4D, 5, 8D, 20C, 40C, BSR Emb - 26	1C, 1D, 3A, 4D, 20C, 97D, BSR (Emb - 26)	1C, 1D, 3A, 4D, 20C	Emb - 26	1C, 1D, 2A, 3A, 4D, 5, 20C, BSR Emb - 26	1C, 1D, 2A, 3A, 4D, 20C, 97, BSR (Emb - 26)	1, 2, 3A, 4, 20 (Emb - 26)	Emb - 26	1C, 2A, 3A, 4, 5	1, 2, 3A, 4, 5, 37	1, 2, 3A, 4, 5	1, 2, 3A, 4, 5	Shank with Soles: 1, 2, 4, 5, 20 Foot 3A	Shank with Soles: 1, 2, 3, 4, 5	Shank with Soles: 1, 2, 3, 4, 5	Shank with Soles: 1, 2, 3, 4, 5	
Straight/CutWork Stitch Plate as standard	•	•	•		Embroidery Stitch Plate	•			Embroidery Stitch Plate									
Free Hand System Lever	•	•	•	•	Optional	•	•	•	Optional	•	•	Optional	•	Optional				
Slide-on Table with Seam Guide as standard	•	•	• (No Guide)	• (No Guide)	Optional	•	• (No Guide)	• (No Guide)	Optional	• (No Guide)	• (No Guide)	• (No Guide)	•	• (No Guide)	• (No Guide)	• (No Guide)	Optional	
Accessory Case	Accessory Wardrobe	Accessory Wardrobe	Accessory Wardrobe	Accessory Wardrobe	Accessory Wardrobe	Accessory Wardrobe Magnetic and Attachable	Accessory Wardrobe Magnetic and Attachable	Accessory Wardrobe Magnetic and Attachable	Accessory Wardrobe Magnetic and Attachable	Accessory Wardrobe Magnetic and Attachable	Accessory Bag	Accessory Bag	Accessory Wardrobe	Accessory Case	Accessory Case	Accessory Bag	Accessory Box	
Machine Cover/Carrier Bag	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Soft Cover	Carrier Bag	Soft Cover	Optional	Soft Cover	Soft Cover
Suitcase System (optional accessory)	XL	XL	XL	XL	XL	XL	XL	XL	XL	L	L	L	L	L	L	L		
Warranty	20 Years Mechanical; 5 Years Electronic; 2 Years Electrical																	

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<b>EMBROIDERY FEATURES</b>								
<b>Embroidery Speed (stitches per minute)</b> Enjoy high speed for completing embroidery projects quicker.	1000	1000	1000	1000	1000	1000	1000	1000
<b>Embroidery Field w/o Repositioning</b> Large embroidery fields reduce multiple hoopings on a project. The 5 Series can embroider 400mm x 150mm through re-positioning the Mega Hoop.	15.75" x 10.25" 400 mm x 260 mm	15.75" x 8.3" 400 mm x 210 mm	15.75" x 8.3" 400 mm x 210 mm	15.75" x 8.3" 400 mm x 210 mm	10.5" x 6.5" 265 mm x 165 mm	10.5" x 6.5" 265 mm x 165 mm	10.5" x 6.5" 265 mm x 165 mm	10.5" x 6.5" 265 mm x 165 mm
<b>Free Arm Embroidery</b> Access to the free-arm is readily available for embroidering tubular items such as pant legs, t-shirts, onesies, etc. Available for all hoop sizes.	•	•	•	•	•	•	•	•
<b>Embroider Sewing Stitches</b> Increase accuracy by embroidering sewing stitches, including buttonholes. Access sewing stitches from the integrated folder or import altered sewing stitches from sewing. Import and embroider combinations individually, too.	•	•			•			
<b>Embroidery Consultant</b> Embroider with confidence with on-board assistance for 12 creative subjects.	•	•		•	•			•
<b>Drag and Drop Editing in Embroidery</b> Drag and Drop Editing allows for fast positioning of embroidery motifs. Swipe the layer to eliminate motifs.	•	•	•	•	•	•	•	•
<b>Duplicate/Add Designs Onscreen</b> Increase the number of motifs quickly with Duplicate. Use Add to combine motifs and lettering onscreen.	•	•	•	•	•	•	•	•
<b>Endless Embroidery</b> Perfect for embroidered borders that are longer than the hoop. Duplicate the design vertically to fill the hoop. Stitched reference marks and on-screen animations ensure perfect re-alignment during re-hooping.	•	•		•	•			•
<b>Shaping</b> Arrange motifs including imported stitches into formations such as rectangles, circles, hearts, stars, arcs and more.	•							
<b>Word Art</b> Add lettering to projects using vertical, horizontal and curved baselines. Adjust letter spacing to create the best look.	•	•		•	•	•	•	•

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<b>Move, Rotate, and Mirror Image Designs</b> Move designs through drag and drop or the Multifunction knobs; Rotate in 1 degree increments and Mirror Image embroidery motifs for optimal placement on projects.	•	•	•	•	•	•	•	•
<b>Rescale Designs Proportionally</b> Enlarge or reduce motifs proportionally on-screen. Increasing/decreasing in a range of +/- 20% provides the best results. Other ranges should be tested first.	•	•	•	•	•	•	•	•
<b>Rescale Designs Non-Proportionally</b> Change the height and width independently. Increasing/decreasing in a range of +/- 20% provides the best results. Other ranges should be tested first.	•	•	•	•	•	•	•	•
<b>Undo/Redo</b> Undo and redo steps when on-screen editing.	•	•		•	•			•
<b>Group/Ungroup</b> Combine motifs on-screen or take designs apart. Subject to design properties.	•	•		•	•			•
<b>Rearrange</b> Change the stitching order of motifs by changing the order of the layers.	•	•		•	•			•
<b>Adjust Stitch Density</b> Change Stitch Density to complement varied fabric.	•	•	•	•	•	•	•	•
<b>Change Stitch Type</b> Change a satin stitch to a fill stitch to minimize long satin stitches that may catch.	•	•	•	•	•	•	•	•
<b>Absolute Check</b> Design placement tool – stitch by stitch. Check individual stitch locations for precise placement on the project from the Edit screen. Hoop must be attached and as stitches are selected on-screen, the needle moves to that location in the hoop. Provides accurate placement for non-linear designs and irregular shaped projects.	•	•	•	•	•	•	•	•
<b>Check Box</b> Design placement tool. Needle traces a box shape on hooped project indicating area to be stitched. Selection for centering available; perfect for square or linear motifs or projects.	•	•	•	•	•	•	•	•
<b>Pinpoint Placement</b> Perfect alignment tool regardless of how project is hooped. With 2 points align any design to a hooped area. Rotates designs if project is hooped crooked. Aligns, rotates and resizes a design to fit the coordinates also. No additional tools or aids are necessary.	•	•		•	•			•

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<b>Off-Center Positioning</b> Off-center motif positioning can be saved to the machine and design position in hoop is imported as set in the BERNINA Embroidery Software 8.	•	•	•	•	•	•	•	•
<b>Invisible Secure</b> Enhanced tie-on/off stitch formation is completely invisible under motif.	•	•	•	•	•	•	•	•
<b>Smart Secure</b> Add securing stitches to any design without built-in tie on/off stitches.	•	•	•	•	•	•	•	•
<b>Thread-up Command</b> 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.	•	•	•	•	•	•	•	•
<b>Programmable Jump Stitch Cutting</b> Set any length of jump stitches to be cut and eliminate manual cutting.	•	•	•	•	•	•	•	•
<b>Thread Away Mode</b> An automatic, quick movement of the hoop ensures thread tails are transferred to the wrong side of the project. Set on/off as desired depending on motif.	•	•	•	•	•	•	•	•
<b>Built-in Embroidery Basting</b> Stitch your choice of basting stitches before embroidering. Choose to baste around your motif, the inner hoop or none at all.	•	•	•	•	•	•	•	•
<b>Color Wheel</b> Quickly change the colorway of your motif on-screen; new colors are assigned to the current thread library.	•	•	•	•	•	•	•	•
<b>Change Thread Brand and Color</b> Quickly change thread color and/or brand on-screen to suit your project at hand.	•	•	•	•	•	•	•	•
<b>Stitch Motif as Single/Multi-Color</b> Stitch an entire motif in one color without stopping or as a multi-color design.	•	•	•	•	•	•	•	•
<b>Color Resequence</b> When selected, like colors are grouped so only one thread stop is needed. Saves time by eliminating repeating the same color changes.	•	•	•	•	•	•	•	•
<b>View Stitch-out Time, Thread Colors, Size, Stitches</b> View design details at a glance.	•	•	•	•	•	•	•	•
<b>Inches/mm display</b> Choose to view embroidery motif dimensions and hoop sizes in inches or millimeters.	•	•	•	•	•	•	•	•

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<b>EMBROIDERY DESIGN PACKAGES</b>								
<b>Built-in Embroidery Designs</b> Select from an assortment of built-in motifs for ready embellishment of projects.	462	332	140	320	275	250	50	275
<b>Built-in Embroidery Alphabet Fonts</b> Select from a variety of alphabets for easy personalization.	21	18	6	18	8	7	4	8
<b>Reads Multi-format Designs</b> No need to convert. Reads EXP, DST, PES, PEC, JEF, PCS, SEW, XXX	•	•	•	•	•	•	•	•
<b>EMBROIDERY ACCESSORIES</b>								
<b>Embroidery Hoops as Standard</b>	Large Oval, Medium, Small	Large Oval, Medium, Small	Large Oval, Medium, Small	Large Oval, Medium, Small	Large Oval, Medium	Large Oval, Medium	Large Oval, Medium	Large Oval, Medium
<b>Optional Embroidery Hoops</b>					Small	Small	Small	Small
Mega Hoop embroidery for the 8 and 7 Series does not require repositioning.	Jumbo	Jumbo (partial field)	Jumbo (partial field)	Jumbo (partial field)				
Repositioning is required for Mega Hoop on the 5 Series.	Maxi	Maxi	Maxi	Maxi				
Hoop 'N' Buddyz hoop insert used with the Large Oval hoop allows hat/cap embroidery.	Midi	Midi	Midi	Midi	Midi	Midi	Midi	Midi
	Mega	Mega	Mega	Mega	Mega (repositioning)	Mega (repositioning)	Mega (repositioning)	Mega (repositioning)
	Hoop 'N' Buddyz	Hoop 'N' Buddyz	Hoop 'N' Buddyz	Hoop 'N' Buddyz	Hoop 'N' Buddyz	Hoop 'N' Buddyz	Hoop 'N' Buddyz	Hoop 'N' Buddyz
<b>Embroidery Foot as Standard</b>	26	26	26	26	26	26	26	26
<b>Straight Stitch/Cutwork Plate as Standard</b>	•	•	•		•			
<b>Embroidery Stitch Plate as Standard</b>				•				•
<b>Multiple Spool Holder as Standard</b> With room for 15 spools for easy access				•				
<b>BERNINA DesignWorks Tools Compatible (Optional accessories)</b> Add mixed media effects with the addition of CutWork, PaintWork and CrystalWork Tools.	•	•	•	•	•	•	•	•

## Sewing and Embroidery All Model Feature Comparison

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<b>BERNINA PunchWork Tool Compatible (Optional accessory)</b>	•	•	•	•	•	•		•
<b>Trolley System (optional accessory)</b>	XL	XL	XL	XL	XL	XL	XL	XL
<b>EMBROIDERY CONNECTIVITY / SOFTWARE</b>								
<b>USB Connection</b> Enjoy rapid and direct connectivity for design transfer and updates.	2	1	1	1	1	1	1	1
<b>BERNINA ARTlink 8 Embroidery Software</b> Mirror, Rotate and Rescale motifs. Open and save designs in multiple formats.	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download	Free Download
<b>ToolBox</b> Modular software with lettering, monogramming and editing capabilities.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
<b>BERNINA Embroidery Software 8 DesignerPlus</b> Expand your embroidery horizons with professional quality software.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
<b>DesignWorks Software</b> Use to create and edit your own designs for CutWork, PaintWork and CrystalWork.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional