Features and Functions of the BERNINA 7 Series

General Information	B 710	B 750 QE	B 780
Hook system	B 9	B 9	B 9
Maximum sewing speed (stitches per minute)	1,000	1,000	1,000
Length of free arm to the right of the needle	254 mm	254 mm	254 mm
Colour touch screen	x	x	x
LED sewing light	30 LED lights	30 LED lights	30 LED lights
Maximum stitch width	9 mm	9 mm	9 mm
Maximum stitch length	6 mm	6 mm	6 mm
Needle positions	11	11	11
Sewing in every needle position	x	x	x
Number of spool holders	2	2	2
Semi-automatic needle threader	x	x	x
Adjustable presser foot pressure	x	x	x
Automatic thread cutter	x	x	x
Manual thread cutter	3	3	3
BERNINA Dual Feed	x	x	x
Memory (short-term/altered stitches)	x	x	x
Memory (long-term/altered stitches)	x	x	x
Create and save stitch combinations	x	x	x
BSR functionality (straight stitch and zigzag)	x	x	x
Start/stop button (stitching without foot control)	x	x	x
Slide speed control	x	x	x
Upper thread indicator	x	x	x
Lower thread indicator	–	x	x
USB connection	x	x	x
Multi-function knobs	x	x	x
Changing stitch settings while sewing	x	x	x
BERNINA foot control with kickback function	x	x	x
Needle stop up/down	x	x	x
Bobbin winding while sewing/embroidering	x	x	x
Onscreen help	x	x	x
Sewing tutorial	x	x	x
Creative consultant	x	x	x
Personal program	x	x	x
History function (previously used stitch patterns)	–	–	x
Setup program	x	x	x
Eco mode	x	x	x

Sewing and Quilting	B 710	B 750 QE	B 780
Directional sewing 360°	–	–	x
Sideways motion feed	–	–	x
Pattern start/end function	x	x	x
Connecting stitches	–	–	x
Elongation	x	x	x
Security function program	x	x	x
Number of stitch patterns (incl. alphabet) total	680	837	1,306
Utility stitches total	29	30	32
Buttonholes (incl. eyelet) total	11	11	15
Automatic buttonhole length measuring system	x	x	x
Automatic buttonhole	x	x	x
Manual multi-step buttonhole	x	x	x
Button sew-on program	x	x	x
Darning programs	2	2	3
Decorative stitches total	200	250	460
Decorative sideways motion stitches	–	–	91

Sewing and Quilting (Continued)	B 710	B 750 QE	B 780
Quilting stitches total	23	33	33
Cross-stitch programs	21	20	28
Tapering/skyline stitches	–	–	52
Sewing alphabets	5	6	8
Monogram (with sideways motion)	–	–	x

Sewing and Quilting Standard Accessories	B 710	B 750 QE	B 780
Presser feet included	5	8	10
Reverse pattern foot #1C	x	x	x
Dual Feed reverse pattern foot #1D	x	x	x
Overlock foot #2A	–	–	x
Buttonhole foot with slide #3A	x	x	x
Zipper foot #4D	x	x	x
Blindstitch foot #5	x	x	x
Jeans foot #8D	–	–	x
Open embroidery foot #20C	–	x	x
Patchwork foot 1/4" #37D	–	x	–
Sideways motion foot #40C	–	–	x
BERNINA Stitch Regulator (BSR)	–	x	x
BERNINA Free Hand System (FHS)	x	x	x
Slide-on free arm extension table	x	x	x
Dust cover	x	x	x
Accessories box	x	x	x

Embroidery	B 710	B 750 QE*	B 780
Maximum embroidery speed (stitches per minute)	–	1,000	1,000
Onscreen editing of designs: mirroring, rotating, scaling	–	x	x
Embroidery tutorial	–	x	x
Stock embroidery designs	–	70	130
Embroidery alphabets	–	4	12
Embroidery design format	–	.EXP	.EXP
Mega hoop functionality	–	x	x
Jumbo hoop functionality	–	x	x
Free arm embroidery	–	x	x
Personal memory for embroidery designs	–	x	x
Word ART	–	–	x
Drag & Drop	–	x	x
Importing stitch patterns	–	–	x
Colour resequence	–	–	x
Cut jump stitches	–	x	x
Sequence control	–	x	x
Basting	–	x	x
Endless embroidery	–	–	x
Position recall	–	x	x
DesignWorks Software & Tools compatible	–	x	x

Embroidery Standard Accessories	B 710	B 750 QE*	B 780
Embroidery presser foot #26	–	x	x
Embroidery hoop large oval with template	–	x	x
Embroidery hoop medium oval with template	–	x	x
Embroidery hoop small oval with template	–	x	x
BERNINA embroidery software ArtLink (download at bernina.com)	–	x	x

* Embroidery is optional with the B 750 QE.

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