

**BERNINA 790 PLUS
CRYSTAL EDITION**

ILLUMINATE YOUR CREATIVE SPIRIT.

LIMITED B 790 PLUS CRYSTAL EDITION



**ADORNED WITH SWAROVSKI® CRYSTALS
BERNINA CRYSTAL EDITION SUITCASE SYSTEM
AND INSPIRATION KIT INCLUDED**



made to create **BERNINA**

CRYSTALLISE YOUR INSPIRATION.

Get inspired by the sparkle of crystals! The B 790 PLUS Crystal Edition will charm you with real Swarovski® crystals and the new high-performance Embroidery Module incorporating BERNINA Smart Drive Technology (SDT). Enjoy an elevated embroidery experience with enhanced stitch quality, smoother and quieter movement and up to 55% higher embroidery speed. Bundled with a Crystal Edition Inspiration Kit containing two additional presser feet, a USB stick with exclusive Crystal Edition embroidery designs and real Swarovski crystals as well as the BERNINA Crystal Edition Suitcase System, this limited edition machine offers everything you need to tap into your creativity.

Visit us online or stop by a store near you to experience the magic. Let your creativity shine at bernina.com/crystal-edition.



Crystal Edition Inspiration Kit

Extra-large embroidery area,
15.7" x 8.3" (400 x 210 mm)

Crystal Edition faceplate with real Swarovski crystals

Speed control
with a maximum speed of 1,000 stitches per minute (sewing and embroidery)

Semi-automatic needle threader

BERNINA Dual Feed

Extended
10" (254 mm)
right of the

BERNINA Hook
with Jumbo Bobbin

Advanced Embroidery Module with Smart Drive Technology (SDT)
for smoother, quieter and faster embroidery



TIME TO SHINE

BERNINA has been passionately committed to the development of sewing, embroidery and quilting machines for creative people for over 125 years. Swiss precision is at the heart of every product we make. Our products are manufactured exclusively with high-quality materials – something BERNINA and Swarovski have in common. BERNINA – made to create.

7" (17 cm) colour touch screen provides access to a wealth of innovative functions

Total Stitch Control via multi-function knobs



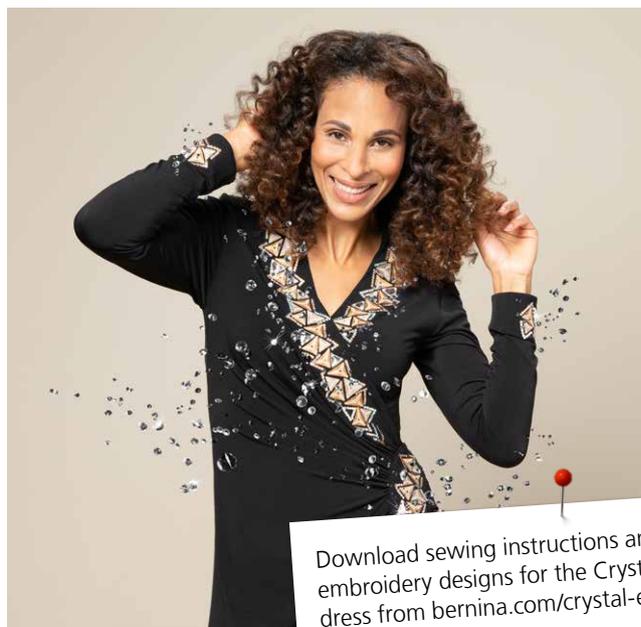
30 bright LED lights

Freearm area (m) to the needle



USB interface for PC connection

BERNINA Free Hand System (FHS) for simultaneous operation of presser foot and feed dog



Download sewing instructions and free embroidery designs for the Crystal Edition dress from bernina.com/crystal-edition

THE ULTIMATE IN SEWING AND EMBROIDERY

The BERNINA 790 PLUS Crystal Edition combines the finest technology with innovation and all the space you need. The centrepiece of the B 790 PLUS Crystal Edition is the BERNINA Hook. Precise, fast and quiet, it sews perfect seams with a stitch width of up to 9 mm. The integrated BERNINA Dual Feed ensures that smooth or fine fabrics are evenly fed.

The BERNINA Stitch Regulator is included and 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. Create your own stitches with the Stitch Designer by drawing your ideas directly on the touch screen.

Equipped as standard with a large Embroidery Module with the new BERNINA Smart Drive Technology (SDT) for an enhanced embroidery experience and a particularly large embroidery area, the B 790 PLUS Crystal Edition offers great embroidery features, such as Pinpoint Placement for perfect positioning of the design, even when the fabric is at an angle in the hoop.

Other great features include Undo & Redo and Group & Ungroup, making it easy to undo each click and edit multiple designs at the same time. And the B 790 PLUS CE also automatically cuts the jump stitches in the embroidery design, making manual trimming a thing of the past. Thanks to the new Invisible Secure and Smart Secure functions, the start of the thread is secured automatically and tie-on/off stitches are added to the embroidery design if necessary.

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

Sewing & Quilting	B 790 PLUS CE
360° directional sewing	✓
Sideways motion feed	✓
Stitch Designer	✓
Pattern start/end function	✓
Connecting stitches	✓
Elongation	✓
Securing function	✓
Total number of stitch patterns (incl. alphabet)	1,352
Utility stitches total	32
Buttonholes (incl. eyelets) total	15
Automatic buttonhole length measuring system	✓

Sewing & Quilting continued	B 790 PLUS CE
Automatic buttonhole	✓
Manual multi-step buttonhole	✓
Button sew-on program	✓
Darning programs	2
Decorative stitches total	506
Decorative sideways motion stitches total	117
Quilting stitches	34
Sewing alphabets	8
Monogram (with sideways motion)	✓

Embroidery	B 790 PLUS CE
Embroidery functionality	✓
NEW: Large Embroidery Module with advanced Smart Drive Technology (SDT)	✓
Maximum embroidery field	400 x 210 mm 15.7" x 8.3"
Maximum embroidery speed (stitches per minute)	1,000
Built-in embroidery designs	332
Embroidery alphabets	18
Embroidery design format	EXP, DST, PES, PEC, JEF, SEW, PCS, XXX
On-screen editing of designs: positioning, mirroring, rotating, scaling, combining	✓
Pinpoint Placement	✓
Endless embroidery	✓
Undo/Redo	✓
Group/Ungroup	✓
Rearrange embroidery designs in combination	✓
Colour Wheel	✓
Invisible Secure	✓
Smart Secure	✓
Thread-up Command	✓
Programmable jump stitch cutting	✓
Thread Away Mode	✓
WordART	✓
Personal memory for embroidery designs	✓
Importing stitch patterns	✓
Freearm embroidery	✓
Colour resequence	✓
Sequence control	✓
Basting in the hoop	✓
Position recall	✓
Embroidery tutorial	✓
Embroidery Consultant	✓
Automatic hoop recognition	✓
Midi Hoop functionality (embroidery field: 265 x 165 mm, 10.5" x 6.5")	✓
Mega Hoop functionality (embroidery field: 400 x 150 mm, 15.7" x 5.9")	✓
Maxi Hoop functionality (embroidery field: 400 x 210 mm, 15.7" x 8.3")	✓
Jumbo Hoop functionality (limited embroidery field: 400 x 210 mm, 15.7" x 8.3")	✓
BERNINA Embroidery Software compatible	✓
BERNINA PunchWork Tool compatible	✓

Standard Sewing and Quilting Accessories	B 790 PLUS CE
BERNINA presser feet included	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	✓
BERNINA Stitch Regulator (BSR)	✓
BERNINA Free Hand System (FHS)	✓
BERNINA Slide-on Freearm Extension Table	✓
Accessory box	✓
Dust Cover	✓

Standard Embroidery Accessories (included with Embroidery Module)	B 790 PLUS CE
Embroidery Presser Foot #26	✓
Embroidery Hoop Large Oval with template (255 x 145 mm, 10.0" x 5.7")	✓
Embroidery Hoop Medium Oval with template (130 x 100 mm, 5.1" x 3.9")	✓
Embroidery Hoop Small Oval with template (72 x 50 mm, 2.8" x 2")	✓
BERNINA Embroidery Software ArtLink (download at bernina.com)	✓

Crystal Edition Special Accessories	B 790 PLUS CE
Crystal Edition Inspiration Kit with: – Wide variety of sew-on Swarovski crystals – Edgestitch Foot #10D – Button Sew-On Foot #18 – USB stick with over 300 embroidery designs, including 35 exclusive Crystal Edition designs	✓
BERNINA Crystal Edition Suitcase System	✓



DESIGNED TO SHINE!

Katia Convents is a German designer who creates costumes for TV shows like "Let's Dance". She loves embellishing her creations with embroidery in combination with Swarovski crystals. The Crystal Edition dress was designed by Katia exclusively for BERNINA.

bernina.com/crystal-edition

made to create **BERNINA**

Not all models and accessories are available in all countries.

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

Swarovski® is a registered trademark of Swarovski AG.

BERNINA recommends threads from

Mettler