Features and Functions of the BERNINA 790 PLUS Anniversary Edition

General Information	B 790 PLUS AE
125 Years Special Golden anniversary faceplate	✓
Hook system	BERNINA Hook
Maximum sewing speed (stitches per minute)	1,000
Length of freearm to the right of the needle	10 inches
Colour touch screen	7 inches
LED sewing light	30 LED lights
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/altered stitches)	✓
Memory (long-term/altered stitches)	✓
Create and save stitch combinations	✓
BSR functionality (straight stitch and zigzag)	✓
Start/stop button (stitching without foot control)	✓
Slide speed control	✓
Upper thread indicator	✓
Lower thread indicator	✓
USB interface for PC connection	✓
Import/export stitches and stitch patterns via USB	✓
Multi-function knobs	✓
Changing stitch settings while sewing	✓
BERNINA foot control with back-kick function	✓
Needle stop up/down	✓
Bobbin winding while sewing/embroidering	✓
On-screen help	✓
Sewing tutorial	✓
Creative consultant	✓
Personal program	✓
History function (previously used stitch patterns)	✓
Setup program	✓
Eco mode	✓

Sewing & Quilting	
360° directional sewing	✓
Sideways motion feed	✓
Stitch Designer	✓
Pattern start/end function	✓
Connecting stitches	✓
Elongation	✓
Security function program	✓
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	
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	
Large embroidery module	✓
Maximum embroidery field	400×210mm 15.7"×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: 265×165mm, 10.5"×6.5")	✓
Mega Hoop functionality (embroidery field: 400×150mm, 15.7"×5.9")	✓
Maxi Hoop functionality (embroidery field: 400×210mm, 15.7"×8.3")	✓
Jumbo Hoop functionality (limited embroidery field: 400×210mm, 15.7"×8.3")	✓
BERNINA Embroidery Software compatible	✓
BERNINA DesignWorks Software & Tools compatible	✓
BERNINA PunchWork Tool compatible	✓

Standard Sewing and Quilting Accessories	
BERNINA presser feet included	11
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	✓
125 Years Special Adjustable ruler foot #72, coated with real gold*, in anniversary tin with gold thread	✓
125 Years Special BERNINA trolley set with golden embroidery	✓
125 Years Special Dust cover with golden embroidery	✓
125 Years Special USB stick with over 370 additional embroidery designs plus 5 alphabets	✓

Standard Embroidery Accessories (included with Embroidery Module)	
Embroidery presser foot #26	✓
Embroidery hoop large oval with template (255×145 mm, 10.0"×5.7")	✓
Embroidery hoop medium oval with template (130×100mm, 5.1"×3.9")	✓
Embroidery hoop small oval with template (72×50mm, 2.8"×2")	✓
BERNINA embroidery software ArtLink (download at bernina.com)	✓

* This BERNINA presser foot is coated with 24-carat gold. Gold is a soft precious metal, and therefore signs of abrasion can and likely will occur in the ordinary use of this product. The functionality of this product will not be affected by these abrasions. **BERNINA MAKES NO REPRESENTATIONS OR WARRANTIES WHATSOEVER WITH RESPECT TO THE OVERALL APPEARANCE OF THE PRESSER FOOT, AND DISCLAIMS ANY LIABILITY RELATED THERETO, INCLUDING WITHOUT LIMITATION FOR SIGNS OF ABRASIONS AND ORDINARY WEAR AND TEAR.**

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made to create BERNINA
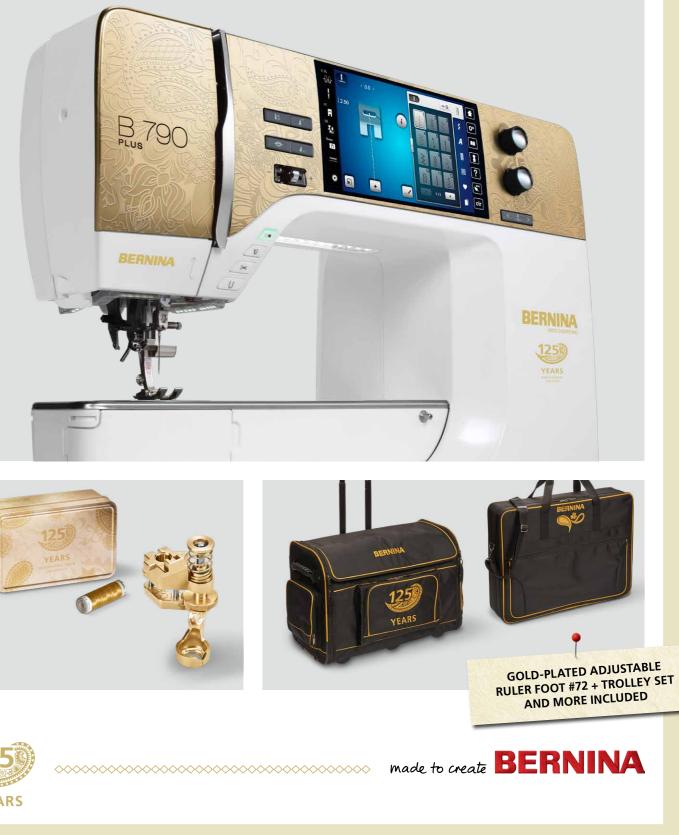
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BERNINA 790 PLUS ANNIVERSARY EDITION

TAKE HOME THE GOLD!

LIMITED B 790 PLUS ANNIVERSARY EDITION

B 790 PLUS

BERNINA

125 YEARS

GOLD-PLATED ADJUSTABLE RULER FOOT #72 + TROLLEY SET AND MORE INCLUDED

125 YEARS

made to create BERNINA

LET YOUR CREATIVITY SHINE

Our B 790 PLUS with the 125th anniversary faceplate carries on a 125-year legacy of quality, innovation and creativity. This anniversary edition comes with a golden ruler foot, BERNINA trolley set and all the perfection you've come to expect from BERNINA. Join our spectacular anniversary celebration throughout the year! **The celebration begins at bernina.com/125years.**

125 YEARS

CELEBRATING YOUR CREATIVITY

CELEBRATE 125 YEARS OF UNMATCHED EXCELLENCE

BERNINA has been passionately committed to the development of sewing, embroidery and quilting machines for creative people for 125 years. Swiss precision is at the heart of every product we make. BERNINA products are manufactured exclusively with high-quality materials – inside and out. BERNINA has stood for Swiss tradition since 1893. BERNINA – made to create.

Download sewing instructions and free embroidery designs for the golden party dress from bernina.com/125 years

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

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

Absolute Stitch Control
via multi-function knobs

Golden anniversary faceplate

Semi-automatic needle threader

BERNINA Dual Feed

30 bright LED lights

Embroidery module
with extra-large embroidery area,
15.7" × 8.3"(400 × 210 mm)

Extended freearm area
10" (254 mm) to the right of the needle

B 790 PLUS

BERNINA

USB interface for PC connection

The **BERNINA Hook with 9 mm stitch width** allows you to sew precise stitches at faster speeds yet quieter than ever before. The extra-large bobbin can hold up to 70 % more thread than standard bobbins, allowing you to sew with fewer interruptions.

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

The B 790 PLUS is BERNINA DesignWorks-compatible.

A GOLDEN OFFER

This limited Anniversary Edition includes exclusive accessories just for you!

- BERNINA trolley set in anniversary design, to effortlessly transport your machine.
- Adjustable ruler foot #72, coated with real gold, in anniversary tin with gold thread
- Over 370 additional embroidery designs

Let the beauty begin!

ENDLESS POSSIBILITIES FOR GRAND IDEAS

The BERNINA 790 PLUS Anniversary Edition combines the finest technology with innovation and all the space you need.
The centrepiece of the B 790 PLUS Anniversary 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 the revolutionary presser foot for effortlessly ensuring consistent stitch length in free-motion sewing of straight or zigzag stitches.
Equipped as standard with a large embroidery module and a particularly large area for stitching designs, the B 790 PLUS offers some great new embroidery features. Pinpoint Placement gives perfect positioning of the design, even when the fabric is at an angle in the hoop. Undo/redo lets you undo or redo steps while editing and group/ungroup makes it easy to combine designs to edit them all at the same time. The B 790 PLUS also automatically cuts the jump stitches in the embroidery design, making manual trimming a thing of the past and 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.