Extensive Stitch and Design Library

The BERNINA 880 PLUS includes a library of over 1,764 stitches, conveniently stored by category for a wide variety of applications. You'll find the perfect stitch for every sewing project. Over 460 high-quality embroidery designs, including motifs by well-known designers, and 12 font styles that are perfect for personalizing your projects.

The B 880 PLUS provides an exclusive level of stitch control. Whether altering the stitch length, stitch width or needle positions, or even creating custom combinations with drag and drop functionality, you'll appreciate the convenience of a machine that remembers the stitch details for you.

Endless Embroidery Options

The B 880 PLUS offers even more features and options for embroidery lovers. Design editing allows you to easily position, mirror, rotate, combine and resize motifs. You can create curved lettering effects, alter stitch density, and combine alphabets with embroidery or create beautiful, endless embroidery designs. Complex combinations can even be resequenced according to color, and alternative color options can be reviewed with the help of the Color Wheel before stitching out. The finished design can be saved directly on the machine or a USB stick. What's more, additional designs can be imported to the machine via the USB port. And the Check function lets you position the design precisely before embroidering.

Download free patterns and instructions for various projects at bernina.com/8series

Features and Functions of the BERNINA 880 PLUS

General Information	B 880 PLUS
Hook system	8 Series Rotary Hook (RH)
High resolution color touch screen	7 inches
Length of freearm to the right of the needle	12 inches
Sewing light	LED
BERNINA Dual Feed (BDF)	✓
BERNINA Stitch Regulator (BSR) – straight stitch and zigzag	✓
Programmable BERNINA foot control with back-kick function	✓
BERNINA Free Hand System (FHS)	✓
Fully-automatic needle threader	✓
Number of spool pins	3
Automatic thread cutter and securing stitches	✓
Manual thread cutter	3
Adjustable presser foot pressure	✓
Upper thread indicator	✓
Lower thread indicator	✓
Start/stop button (stitching without foot control)	✓
Multi-function knobs	✓
Slide speed control	✓
Needle stop up/down	✓
Bobbin winding while sewing and embroidering	✓
Onscreen help	✓
Sewing & embroidery tutorial	✓
Creative Consultant	✓
USB interface for PC connection	✓
USB interface for USB stick	2
Set-up program	✓
Multi Languages	✓
Clock/Alarm	✓
Eco functionality	✓

Sewing and Quilting	
Sewing speed (stitches per minute)	1,200
Maximum stitch length	6mm
Maximum stitch width	9mm
Needle positions	11
Sewing in all needle positions	✓
Changing stitch settings while sewing	✓
Create and save stitch combinations	✓
Stitch Designer	✓
Sideways motion	✓
Multi-directional sewing 360°	✓
Stitch Distortion	✓
Mirror image	✓
Pattern start/end	✓
Connecting stitches	✓
Pattern elongation	✓
Security program	✓
Reverse sewing	✓
Personal program	✓
Memory (short-term/altered stitches)	✓
Memory (long-term/altered stitches)	✓
History function (last sewn stitch patterns)	✓
Total number of stitch patterns including alphabets	1,764
Utility stitches total	38
Buttonholes, eyelets and button sew-on program	19
Automatic buttonhole-length measuring system	✓
Automatic buttonhole	✓
Manual multi-step buttonhole	✓
Button sew-on program	✓
Darning programs	3
Decorative stitch patterns total	630
Sideways motion stitch patterns	109
Sewing alphabets	11*
Monograms (Sideways motion)	✓

Embroidery	
Maximum embroidery field	400 × 260 mm 15.7" × 10.2"
Maximum embroidery speed (stitches per minute)	1,000
Built-in embroidery designs (including NEW designs)	462
Embroidery alphabets (including NEW alphabets)	21
Embroidery design format	EXP, DST, PES, PEC, JEF, SEW, PCS, XXX.
On-screen editing of designs: combining, positioning, mirroring, rotating, scaling	✓
NEW Pinpoint Placement	✓
Endless embroidery	✓
Shape Designer	✓
NEW Undo / Redo	✓
NEW Group / Ungroup	✓
NEW Rearrange embroidery motifs in combination	✓
Color Wheel	✓
NEW Programmable jump stitch cutting (at any length)	✓
NEW Invisible Secure	✓
NEW Smart Secure	✓
NEW Thread-up Command	✓
NEW Thread Away Mode	✓
WordART program	✓
Personal memory for embroidery designs	✓
Importing stitch patterns	✓
Freearm embroidery	✓
Drag and drop	✓
Color resequencing	✓
Thread sequence control	✓
Basting in the hoop	✓
Position recall	✓
NEW Embroidery Consultant	✓
Automatic hoop recognition	✓
Midi Hoop functionality (embroidery field: 265 × 165 mm, 10.4" × 6.5")	✓
Mega Hoop functionality (embroidery field: 400 × 150 mm, 15.7" × 5.9")	✓
Maxi Hoop functionality (embroidery field: 400 × 210 mm, 15.7" × 8.3")	✓
Jumbo Hoop functionality (embroidery field: 400 × 260 mm, 15.7" × 10.2")	✓
BERNINA Embroidery Software compatible	✓
BERNINA DesignWorks Software & Tool compatible	✓
BERNINA Embroidery Software ArtLink (downloadable at bernina.com)	✓

Sewing, Quilting and Embroidery Standard Accessories	
Presser feet included	12
Reverse pattern foot #1C	✓
Dual feed reverse pattern foot #1D	✓
Overlock foot #2A	✓
Buttonhole foot with slide #3A	✓
Buttonhole foot #3C	✓
Zipper foot #4D	✓
Blindstitch foot #5	✓
Button-sew-on foot #18	✓
Open embroidery foot #20C	✓
Embroidery presser foot #26	✓
Sideways motion foot #40C	✓
BERNINA Stitch Regulator (BSR)	✓
BERNINA slide-on extension table	✓
BERNINA Free Hand System (FHS)	✓
BERNINA foot control	✓
Accessories box	✓
Multiple spool holder	✓
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 oval with template (72 × 50 mm, 5.1" × 3.9")	✓
Magnifying glass holder	✓
Dust cover	✓

* incl. Cyrillic alphabets

bernina.com/8series

The Ultimate in Sewing, Embroidery and Quilting

MORE FEATURES, MORE SPACE, MORE OPTIONS

· GREAT NEW EMBROIDERY FEATURES

· STITCH DESIGNER AND SHAPE DESIGNER

· FASTEST SPEEDS

· EXTRA LARGE BOBBIN

· MAXIMUM EMBROIDERY & SEWING AREA: 12 INCHES TO THE RIGHT OF THE NEEDLE

PLUS

B 880 PLUS WITH OUTSTANDING NEW EMBROIDERY FEATURES

Swiss Heritage since 1893

made to create BERNINA

8 Ingredients You'll Love

Exclusive! BERNINA Stitch Regulator (BSR)

The BSR is designed to assist you in mastering free-motion techniques by keeping stitches consistent at variable sewing speeds. The BSR offers confidence for the beginner and additional assurance for the experienced quilter. Standard with the B 880 PLUS, the BSR provides high-speed free-motion stitching assistance with both straight and zigzag stitch options.

Extended Freearm

The B 880 includes a meticulously engineered extended freearm area with a full 12 inches of space to the right of the needle and five inches in height. With this extra-large area, you have the added benefit of a jumbo embroidery field, an extended space to expand your creativity.

Exclusive! Jumbo Bobbin

The unique jumbo bobbin featured on the B 880 PLUS offers up to 70% more thread capacity and pops in and out at the touch of a finger. That means fewer interruptions, fewer stops to wind your bobbin and a lot more time to set your imagination free.

Exclusive! BERNINA Dual Feed

Optimum visibility. Superb maneuverability. The innovative BERNINA Dual Feed tames hard-to-manage fabrics. It's easy to engage when needed and tucks completely out of the way when it's not.

Fully Automatic Features

Imagine a machine that automatically responds to your needs. The presser foot automatically lowers at the start of a seam and lifts again at the end. The B 880 PLUS will even cut the thread for you at the end of a seam or color change in embroidery. The feed dog raises and lowers automatically for free-motion stitching and embroidery. And of course, fully automatic threading is yours at the touch of a button.

Easy stitch selection

The B 880 PLUS touch screen gives you access to all stitch patterns and sewing stitches plus characters, for a total of over 1,700 imaginative stitches.

Customizable embroidery designs

With over 460 built-in designs and alphabets, embroidery is just a click away. Also, your own motifs can be quickly loaded onto the machine via two USB ports. With the addition of the Color Wheel, designs can be changed easily and coordinated to your favorite color scheme before you start embroidering. This makes it easy to choose the most beautiful colors for your embroidery project.

Form changing

The Embroidery Shaping function of the B 880 PLUS offers the option of duplicating embroidery designs with one click and then arranging them in a desired formation. Whether in a circle, square or heart, new and unique designs emerge.

Create original stitches with the New Stitch Designer

The BERNINA 880 PLUS offers hundreds of stitches that are clearly categorized and easily retrieved. With the innovative Stitch Designer you can edit these or create your own stitches. Simply draw your ideas directly on the screen. The B 880 PLUS converts the design with a click into a stitch pattern. You can also change and save existing stitches. The possibilities are endless and your stitch library is continually expanding.
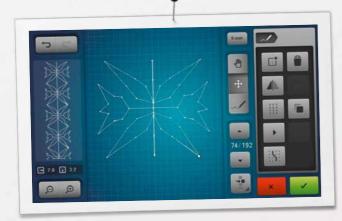
The Modern Color Touch Screen

The seven-inch touch screen on the B 880 PLUS offers high-resolution images and brilliant colors. Cutting-edge touch screen technology lets you choose from a wealth of innovative functions. The B 880 PLUS offers drag and drop, vertical scrolling and the swipe function for deleting motifs easily. It also features a highly intuitive onscreen operating concept providing numerous personalized settings.

Help, tips & tricks

There are many tools built into the B 880 PLUS to assist you with your sewing and embroidery. The sewing advisor, a creative and embroidery consultant, offers on-screen support in selecting the appropriate stitch, the right needle, and making the necessary adjustments for the desired sewing and embroidery application. Tutorials demonstrate important steps. Whether you want to thread, thread the bobbin, or activate the BERNINA Dual Feed, simple animated instructions will show you how to proceed.

Automatic threading system

BERNINA Stitch Regulator (BSR) for consistent free-motion stitching

12 inches to the right of the needle

Embroidery module with extra-large embroidery area (400 × 260 mm)

BERNINA Dual Feed with integrated balance function

BERNINA Free Hand System (FHS)

The seven-inch color touch screen provides access to a wealth of innovative functions

Speed control with a maximum speed of 1,200 stitches per minute (spm) when sewing and 1,000 spm when embroidering

Total stitch control via the multi-function knobs

Multiple spool holder for variable spool sizes

30 bright LED lights

5 inches

Innovation

The most space. The most speed. The most precision. The B 880 PLUS boasts many cutting-edge features developed by a team of experts in Switzerland. The B 880 Plus is state-of-the art technology combined with Swiss craftsmanship. The unprecedented functions and innovative features are designed with the sewist, quilter and embroiderer in mind. For example, the B 880 PLUS has a programmable foot control that provides the option to knot and cut the threads and as well as raise the presser foot in one operation tailored to each individual.

Quality

BERNINA products are manufactured exclusively with high-quality materials—inside and out. This ensures a high level of durability and product performance. The highest quality is evident in the precision of the fully automatic threading system, the BERNINA Stitch Regulator, BERNINA Dual Feed and the superior stitching.

Design

The BERNINA 880 PLUS is our most sophisticated creation. We believe elegant form should be combined with superior function to set new design standards. Whether you're sewing, quilting or embroidering, modern aesthetics plus cutting-edge technology create an unforgettable sewing experience.

Swiss tradition

For decades, BERNINA has been passionately committed to developing cutting-edge sewing and embroidery machines for creative people. Swiss precision is at the heart of every product we make. BERNINA—standing for Swiss tradition since 1893. BERNINA—made to create.

Highlights

1. Stitch Designer
2. Shape Designer
3. Color Wheel
4. Distortion

Great New Embroidery Features of the B 880 PLUS

Enhanced Editing

Pinpoint Placement
Place your design on the fabric exactly where you want it—quickly and precisely. No need to use the template anymore.

Undo & Redo
Simply undo or redo steps while editing or combining designs to return to your initial position.

Group & Ungroup
Combine designs to edit all at one time with group. Break apart designs to edit individually with ungroup.

Rearrange
Customize the design layer stitch-out sequence. Use rearrange in combination with the group function.

Easy to Use

Embroidery Consultant
The consultant helps you to choose the correct foot, needle, thread and stabilizer according to your fabric to achieve the best results.

Toggle Between mm & Inches
The embroidery design size and the hoop dimensions can be shown in mm or inches.

Read Multiple Formats
Read most popular file formats:
EXP, DST, PES, PEC, JEF, SEW, PCS, XXX.

Total Stitch Control

Thread Away Mode
Pulls the threads to the underside for clean embroidery results on the top. Program jump stitch length to manage thread cuts. Subject to design properties.

Invisible & Smart Secure
Securing stitches become invisible as the tie-on/off stitches are sewn in stitch direction. Smart secure adds tie-on/off stitches to a design, if none are preset.

Midi Hoop, Designs & Alphabets

BERNINA Midi Hoop
New, optional embroidery hoop with twist-lock mechanism for easy and confident hooping.
Size: 265 x 165 mm,
10.5 x 6.5 inches

Designs
Dozens of new embroidery designs, including: monograms with frames, in-the-hoop projects and special technique designs.

Alphabets
Includes newly digitized embroidery alphabets like Curly, Happy Times, Deco or Rounded.