

BERNINA  
830 | 820QE

1 love story

4 yards of soft leather

9 precious quilt fabrics

1 large design embroidered in 20 minutes

3 club sandwiches

2 missed film classics

1 quilt and

1 dress, just in time for  
the wedding anniversary



made to create **BERNINA**<sup>+</sup>

*BERNINA 830*



Automatic threading system

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

Jumbo bobbin with 40% more thread capacity

## 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 BERNINA 8 Series, the BSR provides high-speed free-motion stitching assistance with both the straight and zigzag stitch options.

### Extended Freearm

The BERNINA 8 Series includes a meticulously engineered extended freearm area with a full 12 inches of space to the right of the needle. With this extra-large area, you'll have the added benefit of a Jumbo Embroidery field on the BERNINA 830, an extended space to expand your creativity.

### Exclusive! Jumbo Bobbin

The unique jumbo bobbin featured on the BERNINA 8 Series offers up to a massive 40 % 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 manoeuvrability. 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 BERNINA 8 Series machines will even cut the thread for you at the end of a seam or colour change in embroidery (B 830 only). 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.



## Extensive Stitch and Design Library

The B 830 and B 820QE each include a library of over 1,162 and 773 stitches respectively, conveniently stored by category for a wide variety of applications. You'll find the perfect stitch for every sewing project. Over 150 high-quality embroidery designs, including motifs by well-known designers, and 10 font styles are perfect for personalising your projects. (Embroidery functionality included on the B 830 only)

## Exclusive! Total Stitch Control

The BERNINA 8 Series machines provide 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 (B 830 only), you'll appreciate the convenience of a machine that remembers the stitch details for you.

## Endless Embroidery Options (B 830 only)

Mirror image, rotate, combine and resize designs right on the colour screen. Built-in basting boxes hold difficult-to-hoop items in place for embroidery. Create arched lettering effects, adjust design density and even bring decorative stitches into embroidery. Automatically sort complex combinations by colour, preview alternate colour options on screen, and save to your machine or a USB stick. Wish to stitch border designs? The Endless Embroidery function will walk you right through the process. And you'll love Absolute Check for perfect design placement.



Free download: Get our dress pattern and quilt instructions from [www.bernina.com/8series](http://www.bernina.com/8series)



## BERNINA 820 QE

Advanced technology and sophisticated design for passionate sewing:  
The BERNINA 820 QE is a true masterpiece. With 1,100 sewing stitches per minute and a 15-inch extended freearm, the B 820 QE masters all of your sewing and quilting projects.

Speed control with a maximum speed of 1,100 stitches per minute

The five-inch colour touch screen provides access to a wealth of innovative functions

Automatic threading system

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

15-inch extended freearm with 12 inches to the right of the needle





Total stitch control via the multifunctional rotary knobs



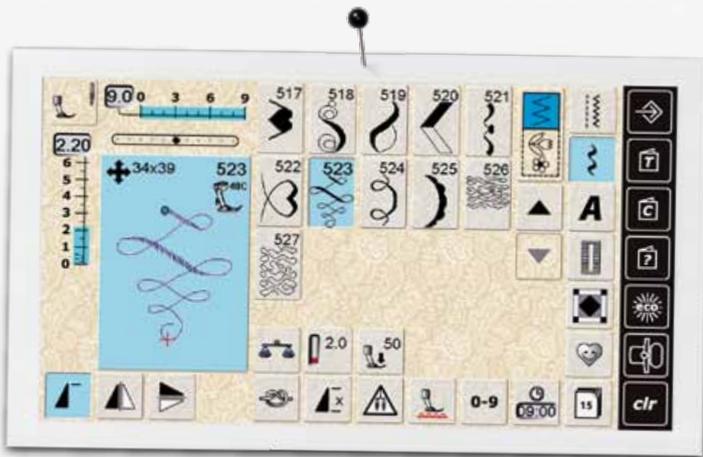
**BERNINA**  
MADE IN SWITZERLAND



Jumbo bobbin with 40 % more thread capacity

## The Colour Touch Screen

The seven-inch touch screen on the B 830 and the five-inch touch screen on the B 820QE both offer high-resolution images and brilliant colours. With the touch of the screen, cutting-edge technology lets you choose from a wealth of innovative functions and personalised settings. Below are a few ingredients you'll find on both the B 820QE and B 830 touch screen.



## Easy stitch selection

The BERNINA 8 Series touch screen gives you access to all stitch patterns and sewing stitches plus characters, for a total of over 1,160 (B 830) and over 770 (B 820QE) imaginative stitches.

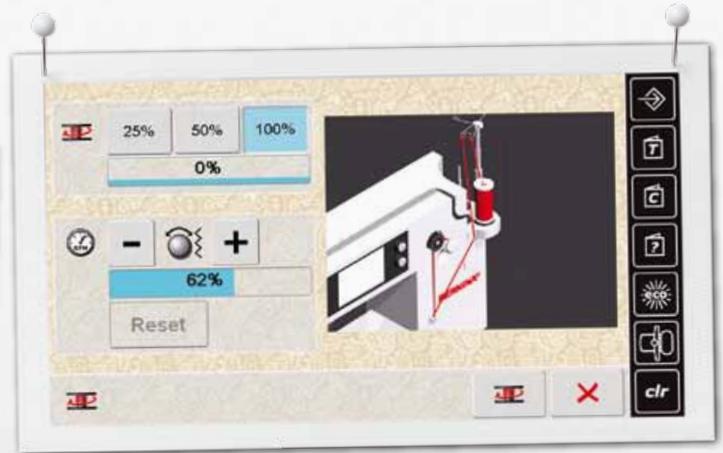


## Four basic stitch angles for tapering

With the tapering function, the beginning and end select stitch patterns taper to a point.

## 15 On-screen animations

See for yourself how simple it is to thread the needles, wind the bobbin, or switch on the BERNINA Dual Feed. On-screen animations explain how your machine operates.



Embroidery Module with extra-large embroidery area



## Quality

BERNINA products are manufactured with the highest quality materials – inside as well as outside – to ensure durability and product performance. This 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 830 and 820QE are our most sophisticated creations. 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.

## Innovation

The most space. The most speed. The most precision. The BERNINA 830 and 820QE boast many cutting-edge features, developed by a team of experts in Switzerland. The 70 first-to-market functions, 15 unique patents, and highly innovative software are designed with sewers, embroiderers and quilters in mind. It's state-of-the-art technology combined with Swiss craftsmanship. With attention to every detail, the BERNINA 8 Series represents the ultimate in sewing innovation.

## 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.

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

Speed control with a maximum speed of 1,000 embroidery stitches per minute

15-inch extended freearm with 12 inches to the right of the needle





Multi-spool holder

BERNINA Free Hand System (FHS)

## Features and Functions of the BERNINA 8 Series

General Functions	B 830	B 820 QE
Hook system	RL	RL
Sewing speed (stitches per minute)	1,100	1,100
Length of freearm to the right of the needle	300mm	300mm
Colour touch screen	7-inch TFT	5-inch TFT
LED sewing light	30 lights	30 lights
Maximum stitch length	6mm	6mm
Maximum stitch width	9mm	9mm
Needle positions	11	11
Sewing in every needle position	x	x
Number of spool pins	3	3
Fully-automatic needle threader	x	x
Adjustable presser foot pressure	x	x
Thread cutter (manual)	3	3
Automatic thread cutter and securing stitches	x	x
Dual Feed	x	x
Memory (short-term/alterd stitches)	x	x
Memory (long-term/alterd stitches)	x	x
Create and save stitch combinations	x	x
BSR functionality – straight stitch and zigzag	x	x
Start/stop button	x	x
Slide speed control	x	x
Lower thread indicator	x	x
Pattern start/end function	x	x
USB connection (host)	2	1
USB connection (slave)	x	x
FHS functionality (Free Hand System)	x	x
eco functionality	x	x
Multifunction buttons	x	x
Stitching without foot control	x	x
BERNINA foot control with kick-back	x	x
Changing stitch settings while sewing	x	x
Bobbin winding while sewing/embroidering	x	x
Personal program	4	2
BERNINA Personal Memory	x	x
Embroidery tutorial	x	–

Sewing	B 830	B 820 QE
Automatic buttonhole	x	x
Manual multistep buttonhole	x	x
Button sew-on program	x	x
Onscreen button measuring	x	x
Needle stop up/down	x	x
Reverse sewing	x	x
Sideways Motion	x	–
Mirror image	x	x
Total number of stitch patterns	1,162	773
Utility stitches (incl. darning programs)	35	26
Decorative stitches	306	179
Quilting stitches	28	30
Buttonholes (incl. eyelet and button sew-on program)	13	9
Sewing alphabets	10	8
Floral stitch patterns	98	38

Sewing (continued)	B 830	B 820 QE
Cross-stitch programs	29	28
Children's motifs/novelty	15	12
Tassel stitches	11	6
Tapering stitches	44	23
Skyline	26	–
Creative consultant	x	x
Sewing tutorial	x	x
History function (last-used stitch patterns)	15	12
Decorative stitches (360 degrees)	x	–

Standard Accessories	B 830	B 820 QE
Presser feet included	11	8
Reverse pattern foot #1C	x	x
Dual Feed reverse pattern foot #1D	x	x
Overlock foot #2A	x	–
Buttonhole foot with slide # 3A	x	x
Buttonhole foot #3C	x	–
Zipper foot #4D	x	x
Blindstitch foot #5	x	x
Button-sew-on foot #18	x	–
Open embroidery foot #20C	x	x
Patchwork foot 1/4" #37D	–	x
Sideways motion foot #40C	x	–
BERNINA Stitch Regulator (BSR)	x	x
Slide-on freearm extension table	x	x
Presser foot lifter (Free Hand System)	x	x
Foot control	x	x
Accessories box	x	x
Multi-spool holder	x	x
Magnifying-glass holder	x	x
Dust cover	x	x

Embroidery (B 830 only)	B 830	B 820 QE
Maximum embroidery speed (stitches per minute)	1,000	–
Design and edit on touch screen (mirror, rotate, combine, etc.)	x	–
Embroidery tutorial	x	–
Embroidery alphabets	10	–
Stock embroidery designs	150	–
Personal memory for embroidery designs	x	–
Embroidery design format	EXP/Tajima	–
Word ART program	x	–
Freearm embroidery	x	–
Drag & Drop	x	–
Mega hoop functionality	x	–
Jumbo hoop functionality	x	–

Embroidery Standard Accessories (B 830 only)	B 830	B 820 QE
Embroidery presser foot #26	x	–
Embroidery hoop large oval with template	x	–
Embroidery hoop medium oval with template	x	–
Embroidery hoop small oval with template	x	–

www.bernina.com/8series

**BERNINA** 

AMANN GROUP 

Not all models and accessories are available in all countries.  
We reserve the right to make changes as far as both equipment and design are concerned.  
Further information is available from your BERNINA dealer.