



5 Big, bright, and centrally positioned: the 5-inch, high resolution touch screen lets you enter and read all settings. From screen background and sewing properties, to clock with memory function – it can all be customised to your requirements.



8 Thread is supplied by the multi-spool holder. Large, medium and small cones are always ready to use.



3 The extra-large bobbin offers 40% more thread capacity, meaning you spend less time preparing and more time creating!



Tradition & Technology

BERNINA is famous for combining the latest technology with traditional Swiss craftsmanship and the 8 Series machines are its finest creations. With over 70 new functions, 15 new patents and highly innovative software the BERNINA 8 Series will fulfil the dreams of sewers, embroiderers and quilters alike. Pioneering features include a fully automated threading system, presser-foot control with automatic fabric-thickness recognition, programmable auto-secure function and built in dual feed. Free-motion sewing is transformed with the latest high speed BERNINA Stitch Regulator (BSR), the unique device that ensures even stitching while you simply guide your work. With meticulous attention to every detail the BERNINA 8 Series has been acclaimed as undoubtedly the finest range of sewing machines ever made.



BERNINA+

Ultimate Sewing and Quilting – the most important functions and features of the BERNINA 820 in a nutshell:

Major Functions and Features	
Innovative BERNINA Hook System	NEW! The BERNINA 820 rotary hook swings out to the front for the ultimate in user-friendly operation.
Jumbo Bobbin	NEW! Over 40% more capacity on the bobbin makes for greater reserves of thread, and thus significantly less preparation time.
High Resolution Central Screen	NEW! With more than 65,500 colours the 5-inch high resolution colour touch screen provides crystal clear graphics; large control panels make navigation easier.
Illumination	NEW! 30 exceptionally bright LED lights perfectly illuminate the working area around the needle and free arm.
Maximum Stitch Width/Stitch Length	NEW! With 9 mm stitch width and 6 mm stitch length, all your creative dreams can come true!
BERNINA Multi Spool Holder	NEW! Pivotal thread spool holder for 3 spools; the telescopic thread guides ensure perfect thread release.
Multifunction Knobs	NEW! Experience great ease of operation with the infinitely variable setting of key functions via the multifunction rotary knobs.
Fully Automatic Threading	NEW! The 820's auto-threading system makes threading your machine a delight. The machine and needle are threaded in a single operation!
Bernina Dual Feed	NEW! The built-in BERNINA Dual Feed gives you maximum control over hard to manage fabrics.
Lower-Thread Indicator	NEW! The amount of thread remaining on the bobbin is displayed as a percentage so you won't run out unexpectedly.
Automatic Thread Cutter	NEW! Top and bottom threads are automatically cut at the touch of a button.
High Speed BSR (BERNINA Stitch Regulator)	NEW! This exclusive BERNINA function allows anyone to free-motion sew and quilt with beautifully even and consistent stitches using both straight stitches and zigzag.
Sewing Tutorial	NEW! A quick helping hand is provided by this on-screen user manual, accessed via the touchscreen.
Data Transfer	NEW! The latest technology for cutting-edge data exchange: 1 x USB interface.
Bobbin Winding	NEW! The front loading bobbin winder is effortless to use and you can even set the desired amount of fill.
Needle Memory	NEW! Information on the needle used for a stitch function can be saved and recalled when needed.
Automatic Presser Foot Lifting	NEW! 15 mm space between presser foot and stitch plate for easy positioning of the fabric layers.
Hover Position of Presser Foot	NEW! Depending on the height of the fabric layers, the clearance between stitch plate and presser foot can be set to up to 7 mm (hover position).
Personal Program	NEW! Individually altered stitch patterns can be named and saved in a separate category.
Eco-Mode	NEW! Save electricity with the standby function's eco mode.
Sewing	
Sewing Speed	NEW! At 1100 stitches per minute, the BERNINA 820 sews faster than any other household sewing machine on the market!
Number of Stitch Patterns	NEW! A total of 773 stitch patterns are at your fingertips (351 sewing stitches plus 4 sewing alphabets plus Cyrillic and Japanese alphabet).
Automatic Buttonhole	NEW! The length and slit width of a buttonhole can be programmed and subsequently duplicated as often as you like.
Programmable Securing Function	NEW! Personalise the auto-secure function to your needs, e.g. sew securing stitches, raise presser foot and cut thread at one touch of a button.
Creative Consultant	NEW! Thanks to the Creative Consultant the optimal settings for every sewing application can be automatically set.
Tapering	NEW! The tapering function lets you alter the shape of many stitches to create countless new versions.
Standard Accessories	
Presser Feet in Standard Accessories	NEW! BERNINA's exclusive solid presser feet, including: 1C standard foot, 1D standard dual feed foot, 3A automatic buttonhole foot with slide, 4D dual feed zipper foot, 5 blindstitch foot, 20C open embroidery foot, 37D dual feed patchwork foot.
BERNINA Stitch Regulator (BSR)	NEW! BERNINA's unique BSR foot automatically senses how you move the fabric to ensure even and consistent free-motion stitches however fast or slow you guide your work.
FHS (Free Hand System)	NEW! The knee lever allows you to keep both hands on your project whilst you raise or lower the presser foot.
Free-Arm Extension Table	NEW! Supplied as standard, the sturdy extension table provides you with the largest working surface available for sewing and embroidery projects.
Accessory Box	NEW! Store your BERNINA accessories neatly and visibly in this box.
Foot Control with Heel Down Function	NEW! Tap the foot control with your heel to raise or lower the needle.

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BERNINA 820
Ultimate Sewing
and Quilting



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Precision & Passion

The most space, the most speed and the most precision; the BERNINA 820 is a true revolution for sewing and quilting. Cutting edge technology combined with Swiss craftsmanship opens a new world of previously unimagined sewing potential. However demanding or ambitious your sewing task, the BERNINA 820 will let you perform faster, with flawless quality and with unparalleled ease. For anyone who is passionate about sewing and quilting, the innovative features and unmatched performance of the BERNINA 820 offer unlimited possibilities and an incomparable sewing experience.

Versatility & Elegance

Within the elegant profile of the BERNINA 820 is a machine of extraordinary proportions and capability. The meticulously engineered free arm extends further than in any other machine and with an extra-large height clearance you have the room for your very biggest creations. The centrally located, ultra-responsive touch screen is ideally positioned for finger-tip control of all machine functions without the need to turn your head away from your sewing. The materials, the workmanship, the intuitive ease of use and the timeless design all contribute to making the Bernina 820 the ultimate sewing machine.



8x High Performance

- 1 Most Space
- 2 Fastest Speeds
- 3 Jumbo Bobbin
- 4 Total Stitch Control
- 5 Central Screen
- 6 BERNINA Dual Feed
- 7 Fully Automatic Threading
- 8 Optimum Thread-Supply System

- 1 Most Space**
Room for big ideas! The 820 offers substantially more space than other sewing machines. The 400 mm (15 inch) extended arm and over 300 mm (12 inches) to the right of the needle provide a huge space for spreading out and manoeuvring your project.
- 2 Fastest Speeds**
Top speeds with excellent sewing results and perfect stitch formation! The BERNINA 820 delivers up to 1,100 stitches per minute when sewing, consistently guaranteeing fast speeds even with wider stitches.
- 3 Jumbo Bobbin**
Thanks to a substantially larger bobbin, the BERNINA 820 offers 40% more thread capacity; you spend more time creating and less time preparing. What's more, the jumbo bobbin is wonderfully easy to use – open the lid, the hook swings out and the bobbin releases at the touch of a finger.
- 4 Total Stitch Control**
A Bernina exclusive: Each stitch can be customised and saved. The revolutionary high speed BERNINA Stitch Regulator (BSR) ensures total control of your free motion sewing - fast or slow, your stitches remain even and consistent letting you concentrate on your creativity.
- 5 Central Screen**
The touch screen is centrally located for ideal ergonomics, so that the needle area and the screen with all its settings, can be viewed completely in one quick glance. The 5-inch TFT screen gives high-resolution images and bright vivid colours from all viewing angles. Large on-screen icons enable quick navigation, and its gently touch-sensitive surface allows particularly user-friendly operation.
- 6 BERNINA Dual Feed**
Reliable feed of hard-to-handle materials! Working with knits, velvet, ribbon or multiple layers? The BERNINA 820's built-in Dual Feed can be engaged when needed, to feed the fabric from both above and below. The Dual Feed System offers optimum visibility and superb manoeuvrability. Simply flip up and tuck away when not required.
- 7 Fully Automatic Threading**
Simple threading, automatically! The BERNINA 820 has its own unique system for taking the thread through the machine and the needle, in a single operation. Because it's done quickly and automatically, it leaves you more time to focus on the fun side of sewing and embroidering.
- 8 Optimum Thread-Supply System**
The exclusive multi-spool holder keeps large, medium and small cones at the ready. The built-in vertical holders and telescopic guides ensure beautifully smooth and even thread release. The bobbin winder is located on the front of the 820 for easy access, and it even lets you select speed and amount of fill.

The Touchscreen

The 5-inch touchscreen offers high-resolution images and brilliant colours and is beautifully touch-sensitive and responsive – ultimate user-friendliness, with everything in your central field of vision. At the touch of the screen, cutting-edge technology lets you choose from the wealth of innovative functions and features, and personalised settings.



Stitch Selection: With 350 stitch patterns and sewing stitches plus characters, a total of over 770 imaginative stitches – over 100 of which were developed exclusively for the BERNINA 8 Series – are available to you, to combine however you like.



Customised Buttonholes: As well as on-screen setting of the buttonhole length, the slit width can also be changed – from 0.1 to 2 mm – to accommodate any type of button you may be using. The buttonholes can then be perfectly repeated as often as you wish.



Quilting: The exclusive BERNINA BSR system makes free-motion quilting much easier with beautiful even stitches at whatever speed you work. Built-in Dual Feed allows for smooth feeding of all the layers of your quilt. The clearance between presser foot and stitch plate is adjustable up to 7 mm, letting you easily reposition thicker layers with the presser foot in hover position.



Memory options: You can customise stitch patterns by changing stitch width/length or tension and store these changes in either of 2 personal programs, ready to use again when needed. The stitch memory function lets you combine and record up to 50 stitch patterns, letters and numbers in up to 30 separate drawers.



Tapering: Team your creativity with new techniques. With tapering, the beginning and end of the stitch patterns taper to a point. Choose from four different basic stitch angles, for even more creativity.



Needle Chart: You can tell the BERNINA 820 which needle is inserted by simply selecting from the built-in needle chart. On starting this information appears automatically as a quick reminder, letting you focus on the creative side of things.



Appliqué & Patchwork: A wealth of stitch designs including stippling and feathering, specially designed for appliqué and patchwork projects, are available for you to choose from.



On-Screen Animations explain how the BERNINA 820 operates. See for yourself how simple it is to thread the needle, wind the bobbin or switch on the BERNINA Dual Feed, plus much more. For a quick helping hand, right on the screen.