

Major Functions and Features		
Innovative BERNINA Hook System	"New"	The BERNINA 830 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 7-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		With 9mm stitch width and 6mm stitch length, all your creative dreams can come true!
BERNINA Multiple Spool Holder	"New"	Pivotable thread spool holder for 3 spools; the telescopic thread guides ensure perfect thread release.
Multifunction Knobs		Experience great ease of operation with the infinitely variable setting of key functions via the multifunction rotary knobs.
Fully Automatic Threading	"New"	The 830'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		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 and Embroidery Tutorial		A quick helping hand is provided by this on-screen user manual, accessed via the touchscreen.
PC Connection and Data Transfer		The latest technology for cutting-edge data exchange: 1 USB interface for a PC and 2 USB interfaces for USB sticks.
Drag & Drop	"New"	Moving designs around in sewing and embroidery mode is simple: just select with the touchpen, and drag and drop into place!
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.
Personal Programme		Individually altered stitch patterns can be saved in a choice of 4 different folders for maximum flexibility.
Eco-Mode		Save electricity with the standby function's eco mode.
Sewing		
Sewing Speed	"New"	At 1100 stitches per minute, the BERNINA 830 sews faster than any other sewing and embroidery system on the market!
Number of Stitch Patterns	"New"	A total of 1162 stitch patterns are at your fingertips (612 sewing stitches plus 5 alphabets and monograms).
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.
Sideways Motion	"New"	The 360° multidirectional sewing is extraordinary – sew any stitch in any direction and you can even change direction while you sew.
Creative Consultant		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		BERNINA's exclusive solid presser feet, including: 1C standard foot, 1D standard dual feed foot, 2A overlock foot, 3C buttonhole foot, 3A automatic buttonhole foot, 4D dual feed zipper foot, 5 blindstitch foot, 18 button-sew-on foot, 20C open embroidery foot, 26 free motion embroidery foot, 40C sideways motion foot.
BERNINA Stitch Regulator (BSR)		BERNINA's unique BSR foot automatically senses how you move the fabric to ensure even and consistent free-motion stitches however quickly or slowly you guide your work.
FHS (Free Hand System)		The knee lever allows you to keep both hands on your project whilst you raise or lower the presser foot.
Free-Arm Extension Table		Supplied as standard, the sturdy extension table provides you with the largest working surface available for sewing and embroidery projects.
Accessory Box		Store your BERNINA accessories neatly and visibly in this box.
Foot Control with Heel Down Function		Tap the foot control with your heel to raise or lower the needle.
Embroidery		
Embroidering Speed	"New"	At 1000 stitches per minute, the BERNINA 830 embroiders faster than any other domestic machine.
Embroidery Designs		150 beautiful embroidery designs from international artists such as Diane Gaudynski, Louisa Meyer and S. Müller.
Embroidery Alphabets		There are 10 built-in fonts always at the ready.
Design Editing		Mirror, rotate, combine – your creativity begins right at the touchscreen of your BERNINA 830.
Endless Embroidery	"New"	All designs can be combined horizontally and vertically for continuous sewing, sizes can be adjusted automatically to the hoop and reference points are stitched for easy re-hooping.
Embroider Sewing Stitches	"New"	All sewing stitches, including buttonholes as well as combinations, can be edited and stitched out in embroidery mode.
Basting Function	"New"	Basting stitches are placed around the selected design within the embroidery hoop to facilitate placement.
Free-Arm Embroidery	"New"	Three embroidery hoops are supplied as standard: small (72x50 mm), medium (100x130 mm) and large oval (145x255 mm) all of which can be used for free arm work.
Art Design Embroidery Software	"New"	Customise your designs with the exclusive Art Design software including over 40 embroidery motifs in .art format and true type fonts. It is a perfect introduction to the BERNINA world of creative embroidery.