B 580

BERNINA

12 LED lights provide excellent illumination of the sewing area

Semi-automatic threader for easy threading

Large selection of accessories to ensure successful sewing

High resolution colour touch screen
for intuitive navigation

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Innovation

The BERNINA 580 includes cutting-edge features developed by a team of experts in Switzerland. It combines ingenious sewing and embroidery applications with intuitive navigation to produce a machine that is elegant simplicity itself. The optional BERNINA Stitch Regulator, designed to assist you in mastering free-motion stitching techniques with ease, is just one of many BERNINA Innovations.

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.

Exclusive! Total Stitch Control

The BERNINA 580 provides an exclusive level of stitch control. Whether altering the stitch length (up to 5 mm), width (up to 9 mm) or needle position (up to 11) or even creating custom combinations, you'll appreciate the convenience of a machine that remembers the stitch details for you.

The BERNINA Stitch Regulator (BSR) is designed to assist you in mastering free-motion techniques by keeping straight or zigzag stitches consistent at variable sewing speeds. The BSR offers confidence for the beginner and additional insurance for the experienced quilter. The BSR is available as an optional accessory for the B 580.

More Memory Options

Let your B 580 keep track of the details with multiple memory functions. It remembers the changes you make to the stitches as you use them in your sewing session. It will also remember your favourite stitch settings for each stitch in a long-term memory. For creative applications, you can save multiple combinations of sewing stitches as well as embroidery compositions in memory. Combination memory and the My Designs folder keeps you organized.

Magical Sewing and Embroidery Possibilities

The BERNINA 580 sewing and embroidery machine is simplicity in itself. The clear and easy to navigate colour touch screen gives you access to hundreds of stitch options and beautiful built-in embroidery designs. On-screen editing features for sewing and embroidery provide even more design flexibility. You will have everything you need to set your imagination free.
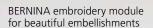
Extensive Stitch and Design Library

Free download: Get our costume patterns and instructions from www.bernina.com/5series

The B 580 includes a library of over 200 stitches, conveniently stored by category for a wide variety of applications, including the one step automatic buttonhole function – for consistent buttonhole length time after time. Whatever your sewing project, you'll find the perfect stitch. Over 100 high quality embroidery designs are built right in, along with seven elegant fonts for personalising your projects. Mirror image, rotate, combine and resize designs right on the embroidery screen. Expand your embroidery library with additional designs imported to the machine via the USB port.

Sew Simple!

You'll appreciate the user friendly features and simple interface. The high resolution colour touch screen displays all your settings at a glance. The built-in Sewing and Embroidery Consultant is ready to assist you at anytime. The practical semi-automatic needle threader lets you start sewing faster. With the BERNINA 580 you'll spend more of your valuable time sewing, quilting and embroidering.

BERNINA embroidery module for beautiful embellishments

Greater Sewing Comfort

Unique to BERNINA, the Free Hand System (FHS) comes standard with the B 580. The FHS raises and lowers the presser foot while releasing thread tension and lowering the feed dog, leaving your hands free to guide your project. Also included is a practical extension table with ample space to hold your sewing projects.

Slide-on table

Plenty of Room to Expand Your Creativity

The BERNINA 580 was designed with your sewing and embroidery future in mind. A variety of special accessories and presser feet are included with the machine. When you are ready to expand your options, you'll find a broad range of accessories available. Whatever new techniques you want to explore, you'll find the right accessories to help grow your sewing, quilting and embroidery skills, including the BERNINA Stitch Regulator (BSR), embroidery design collections and embroidery software.

Design

The new BERNINA 580 will impress you with its simple, yet classic design. BERNINA engineers 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 are an integral part of the package with the BERNINA 580.

Quality

BERNINA products are manufactured exclusively with high-quality materials – inside and out. This ensures a high level of durability and product performance. The incomparable quality is evident in the precision of the sewing, quilting and embroidery stitches as well as the exceptional needle piercing power through thick fabrics.

B 580

design by platinumdesign

Features and Functions of the 5 Series

General Functions	B 530	B 550 QE	B 580
Hook system	CB	CB	RL
Sewing speed (stitches per minute)	900	900	1000
Length of freearm to the right of needle	190 mm	190 mm	190 mm
LCD display	x	x	–
TFT touch screen	–	–	x
LED sewing light	x	x	x
Maximum stitch length	5 mm	5 mm	5 mm
Maximum stitch width	5.5 mm	5.5 mm	9 mm
Needle positions	11	11	11
Number of spool pins	2	2	2
Semi-automatic needle threader	x	x	x
Adjustable presser foot pressure	x	x	x
Thread cutter (manual)	3	3	3
Automatic thread cutter and securing stitches	–	–	x
Memory (short-term / altered stitches)	x	x	x
Memory (long-term / altered stitches)	x	x	x
Create and save stitch combinations	100	100	80 MB
BSR functionality – straight stitch and zigzag	x	x	x
Start / Stop button	x	x	x
Slide speed control	x	x	x
Lower thread indicator	–	–	x
Pattern end	x	x	x
USB connection (host)	–	–	x
USB connection (slave)	x	x	x
FHS functionality (Free Hand System)	x	x	x
eco functionality	–	–	x

Sewing	B 530	B 550 QE	B 580
Automatic buttonhole	x	x	x
Manual buttonhole	x	x	x
Button sew-on program	x	x	x
Onscreen button measuring	–	–	x
Needle stop up / down	x	x	x
Reverse sewing	x	x	x
Mirror image	x	x	x
Total number of stitch patterns	148	187	227
Practical stitches	22	22	30
Decorative stitches (incl. quilt stitches)	117	155	186
Quilting stitches	12	24	14
Buttonholes (incl. eyelet and button sew-on program)	9	10	11
Alphabets	4	4	7
Creative consultant	x	x	x
Tutorial	–	–	x
Elongation	–	–	x
Characters / stitch pattern combination view horizontal	x	x	–
Pattern repeat 1–9	x	x	x
Basting	–	–	x

Standard Accessories	B 530	B 550 QE	B 580
Presser feet included	5	8	7
Reverse pattern foot #1	x	x	–
Reverse pattern foot #1C	–	–	x
Overlock foot #2	x	–	–
Overlock foot #2A	–	–	x
Automatic buttonhole foot with slide #3A	x	x	x
Zipper foot #4	x	x	x
Blindstitch foot #5	x	x	x
Jeans foot #8	–	–	x
Open embroidery foot #20	–	x	–
Open embroidery foot #20C	–	–	x
Patchwork foot #37	–	x	–
Walking foot #50	–	x	–
BERNINA Stitch Regulator (BSR)	–	x	–
Slide-on freearm extension table	x	x	x
Presser foot lifter (Free Hand System)	x	x	x
Foot control	x	x	x
Accessory case	x	x	x
Carrier bag	x	x	x

Embroidery (B 580 only)	B 530	B 550 QE	B 580
Embroidery speed (stitches per minute)	N/A	N/A	680
Design and edit on touch screen (rotation, mirror, altering, etc.)	N/A	N/A	x
Embroidery tutorial	N/A	N/A	x
Thread brand selection	N/A	N/A	x
Colour information bar	N/A	N/A	x
View design size on-screen	N/A	N/A	x
Virtual positioning	N/A	N/A	x
Absolute check	N/A	N/A	x
Altering stitch type	N/A	N/A	x
Basting box function	N/A	N/A	x
Number of built-in embroidery designs	N/A	N/A	100
Alphabets	N/A	N/A	7
Lettering manipulation	N/A	N/A	x
Memory personal embroidery designs	N/A	N/A	x

Embroidery Standard Accessories (B 580 only)	B 530	B 550 QE	B 580
Embroidery presser foot #26	N/A	N/A	x
Embroidery bobbin case	N/A	N/A	x
Embroidery hoop large oval with template	N/A	N/A	x
Embroidery hoop medium with template	N/A	N/A	x
Carrier bag	N/A	N/A	x

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