

BERNINA⁺

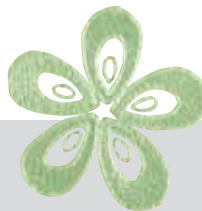
Sew fast, flawlessly
and forever with
the aurora 450!

aurora 450 BERNINA⁺

For sewing enthusiasts who value top quality, the aurora 450 makes life easier! Whether for workshops or industrious hobby sewers, working with extra-thick, thin, smooth or roughened fabrics, the aurora 450 achieves perfect sewing results. It makes sewing quicker and easier with a range of unique technical features and special accessories. With a wealth of decorative stitches, 9 buttonholes, 4 sewing alphabets and embroidery functionality. Aurora 450 – the robust, top-professional-quality sewing and embroidery computer!



For professional requirements



Wherever sewers have expectations of the highest quality, the aurora 450 is the right model. Because the aurora 450 boasts a wealth of special features:

- Rotary hook system (vertical)
- Finest stitch quality at 9mm stitch width
- Especially high needle-penetration power
- BSR-enabled (BERNINA Stitch Regulator)
- 163 sewing stitches
- 4 sewing alphabets, including 1 Cyrillic alphabet
- Embroidery functionality
- 9 buttonholes
- 11 needle positions
- 7 precision presser feet*
- Infinitely adjustable speed
- Especially robust metal construction

* Depending on country, there are 8 precision presser feet in the standard package.

Specials



Perfect quality in less time

The aurora 450 lets you sew quickly, accurately and with consistent quality. A knee lever replaces the manual lifting of the presser foot, and a large extension table extends the supporting surface for your sewing project. Stitches are easy to set and are shown on the graphic display. They can be altered for personal settings, and are temporarily storable. The aurora 450 boasts a foot control with practical backpedal that lets you move the needle up or down. Another timesaver is the facility for winding the bobbin whilst sewing or embroidering. In addition, an edge guide can be attached to the extension table, to enable you to sew perfect seams even in the case of wide hems and topstitched seams.



In this way, the aurora 450 helps you achieve optimum sewing results, quickly and easily.

The right buttonhole for every case

Sewing perfectly even buttonholes is an art that is child's play for the aurora 450. You have the choice between nine different easily reproduced automatic buttonholes. For heavy fabrics, the buttonhole transport facility assists with the forward feed of the material, allowing you to create impressively precise eyelet buttonholes regardless of fabric type. Simple and perfect!



Reliable, innovative and robust

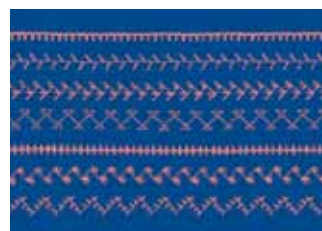


Embellishing fabrics

The aurora 450 ist the perfect machine for especially creative and individual sewing projects. With over 163 stitch patterns, including cross stitches, numerous floral stitch patterns, and quilting, hemstitches and satin stitches, it lets you conjure up a new work of art almost effortlessly from any fabric.

The sewing alphabet lets you letter fabrics or sew monograms. If you'd like a design to be especially three-dimensional, you can also embroider with the aurora. The optionally available embroidery module and the embroidery software supplied with it turn the aurora 450 into a fully fledged embroidery computer.

Thanks to its BSR functionality, the aurora 450 can also optionally be expanded with the BSR System, making quilting, free-hand sewing and embellishing fabrics even more of a breeze.



aurora 450 – accessories

The aurora 450 comes with the following sewing accessories as standard:

- 7 precision presser feet*: for sewing, darning, neatening seams (serging), zips, blindstitch seams, automatic and manual buttonholes
- BERNINA Free Hand System FHS
- BERNINA Free-arm extension table
- Unique accessory box
- Instructional CD
- Beautiful transport bag with inner compartments

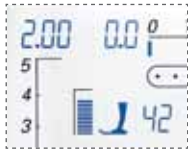
* Depending on country, there are 8 precision presser feet in the standard package.

Special accessories / embroidery accessories (optional)

- BSR BERNINA Stitch Regulator for uniform stitch length
- BERNINA Magnifying-Glass Set
- aurora embroidery module incl. accessories
- Multiple-spool holder
- Mega Hoop (400 mm x 150 mm)
- BERNINA Embroidery Software Version 5
- Border Embroidery Set
- My Label 3D Fashion Pattern Software

And many more BERNINA accessories for sewing, embroidering and quilting. Ask for our accessories catalogue!





Presser-foot display

The right presser foot for the embroidery design you've selected is shown on the display. This means that you'll always use the right foot for each job, so you can delight in perfect-quality results, time after time.



Graphic display

The graphic display lets you check your stitch settings at a glance. Symbol notices for "lower presser foot" or "drop feed dogs" assist the user during the sewing and embroidery process.



Separate winder motor

Practical, and simplicity itself to use! Bobbins can be wound whilst you sew or embroider with no need to interrupt your work. Winding speed can even be adjusted to the thread. The second spool holder provides the ideal assistance during the winding process.



Presser-foot pressure display

Presser-foot pressure can be optimally adjusted for any sort of fabric. The aurora features on-screen presser-foot pressure display.



Presser feet

A range of 7 high-quality precision presser feet* for the most varied fabrics and applications is already provided as standard. With BERNINA you get the complete presser feet – not just the soles! BERNINA presser feet are especially sturdy and durable.

* Depending on country, there are 8 precision presser feet in the standard package.



Stitch selection

Highly user-friendly stitch selection in which stitch number is chosen at the press of a button. Stitch number or stitch symbols are always shown on the display.



Rotary hook system

The high-quality rotary hook system for stitch widths of up to 9mm lets you create gorgeous decorative stitches. The system is characterised by quiet running and reliable stitch quality, even at high speeds.



Speed control

With the aid of the easily accessible speed control, the sewing speed of the aurora 450 can be infinitely adjusted to the individual sewing job and thread – slow for precise work, and a faster pace for general sewing work.



Buttonholes

A choice between nine different automatic reproducible buttonholes.



Free Hand System FHS

A real BERNINA highlight: The knee lever lets you raise the presser foot at the same time as you drop the feed dogs, so you can keep your hands on your sewing project.



Extension table

The aurora 450 offers greater comfort during every sewing process thanks to the increased working area provided by its unique extension table, which can be attached to the free-arm.



Embroidery module (optional) with BERNINA embroidery software

Lets you enlarge and mirror designs, add letters, change colours and combine designs. The unique BERNINA software (EC on PC) helps you keep tabs on the status of the embroidery process at all times. Animations lead you reliably step-by-step through the entire embroidery sequence.



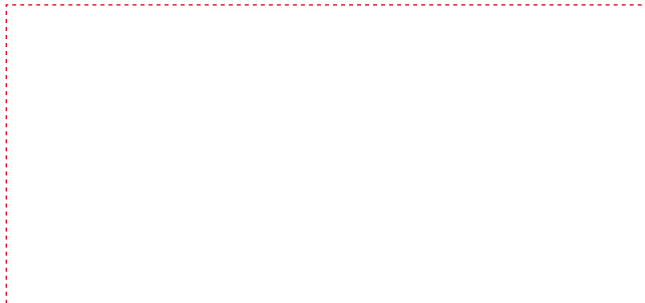
Accessory box

The aurora 450 comes with a wealth of useful accessories in a box that can be attached to the back of the machine. The box contains bobbins, presser feet, tools and maintenance utensils, and can be extended at any time.



BSR – BERNINA Stitch-Regulator (optional)

The BSR (BERNINA Stitch Regulator) system is an absolute world-first, guaranteeing uniform stitch length at variable sewing speeds. The system, which comes with three different presser-foot soles, makes free-motion quilting marvellously easy.



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