1 big reason to celebrate

1 revolutionary technology

32,450 perfectly regulated stitches

80 countries full of creative customers

10 years of BERNINA Stitch Regulator precision

FREE MOTION STITCHING TO PERFECTION

made to create **BERNINA**

Sew and quilt more beautifully and with ease

The BERNINA Stitch Regulator helps you achieve perfect results when free-motion sewing– and has now done so for 10 years!

The technology of the revolutionary BSR System guarantees even stitch lengths, regardless of sewing speed, stitch length or how the fabric is guided.

The result: top-quality textile design, no matter which creative techniques you use.

• Free-motion embroidery
• Appliqué
• Thread painting
• Quilting
• Sewing lace

How the BSR works

Similar to a computer mouse, the BSR foot detects the movement of the fabric under the presser foot using an optical sensor. Sewing speed is controlled by information sent from the foot to the sewing machine. If the fabric is moved slowly, a slow needle speed is required. When the movement is faster, the needle speed is also faster. In this way, the BERNINA Stitch Regulator automatically adjusts the machine's sewing speed to the pace of the sewer.

Full stitch control at any speed

Whether sewing straight or zigzag stitches, the BERNINA Stitch Regulator is distinguished by its precision. Particularly with intricate and complex designs, an even stitch length is of crucial importance for achieving a flawless appearance.

The BSR's built-in sensor controls the sewing speed, which would otherwise be controlled with the foot pedal. The advantage is that you can concentrate entirely on the movement of the fabric when sewing and quilting with the BSR, ensuring that your creative ideas are perfectly realised with a constant stitch length.

Also ideal for beginners

For the past 10 years, the BERNINA Stitch Regulator has not only made it easier than ever before for the experienced sewer; but also the two BSR modes have ensured success for less experienced sewers.

In mode 1, the needle moves up and down constantly, even if the fabric is not moved. Mode 2 is slightly slower. Here, stitches are only sewn when the fabric is moved, letting the users decide for themselves how much time is needed for free-motion sewing.

Popular the world over

For the 10th anniversary of the BERNINA Stitch Regulator, we've asked customers and experts from around the world to give us their opinion on the BSR, as well as to send us a BSR sewing project with instructions. In this anniversary year, we'll be introducing different people and their projects every month. Visit our website and take a look!

Check out these BSR projects with instructions from different countries at **www.bernina.com/tenyearsbsr**

Ten years of BSR: from idea to miracle accessory

Inspired by textile artists, after an 18-month development period, the BERNINA innovation team created a small sensation in 2005. They designed a foot that recognises sewing speed with the aid of a sensor, and controls stitch length when sewing with the feed dogs lowered.

Attracted by the growing trend for patchwork and quilting, the Swiss engineers aimed to simplify free-motion quilting. Today, home-dec and clothes makers have also discovered the extent of what can be achieved with the BSR. Embellishments on garments, appliqués, decorations… few accessories are as versatile as the BSR.

BSR-enabled BERNINA models

BSR functionality (sensor technology) is available on various BERNINA models. Depending on the model, the BSR foot either comes as standard, or is available as an optional accessory.

The following BERNINA models are BSR-enabled:

- All models of the BERNINA 8 Series
- All models of the BERNINA 7 Series
- All models of the BERNINA 5 Series

Luca Zagliani, an Italian designer and BSR fan, transformed a white T-shirt with a floral design.

Luca Zagliani completed a degree in Architecture and Furniture Design at the school of arts in Pavia. Subsequently, his interests led him into the world of fashion, and he worked for Gucci and Christian Dior, among others. In 2008 he set himself new challenges, and got to grips with quilting. Today, Luca Zagliani is a recognized textile artist and author working in the most varied techniques, switching expertly between genres and achieving major successes in Italy with his 'Fantasie Country' brand.

«With the BSR, I feel free in the creation of my textile designs, and I achieve the most beautiful results. For me, the BSR is an essential accessory, which I only get with a BERNINA.»

BERNINA