

Go from
*Good to
Great Sewing*



Opal™

BUILT-IN ASSISTANCE
WHEN YOU NEED IT



“ Sewing the Story of my Life

I'm Sophie, a wife and mother of two daughters. I'm also a sewer. My creative fires were sparked at an early age when my grandmother let me borrow her beloved HUSQVARNA VIKING® sewing machine. She taught me the basics and I started creating designs from her fabric scraps.

My family and my passion for sewing are very intertwined because so many of my sewing projects and quilts reflect my love for my family. Our house is always full of creative energy and sewing is the perfect outlet because there is such a strong sense of accomplishment for all of us. I love to sew things that are modern, but that are touched with memories and history. That's why there are often little pieces of old fabrics from my own childhood incorporated into my creations. This makes it so much more precious to me.

Nowadays, I'm absolutely thrilled to teach my daughters how to sew on my OPAL™ sewing machine. Passing this tradition to the next generation is a beautiful thing. I hope they too are inspired as they grow up to carve out a special place in their lives for this one-of-a-kind hobby that gives our family so much joy.



Enjoy the Ease of Modern Sewing

BUILT-IN ASSISTANCE THAT HELPS ACHIEVE GREAT RESULTS

MODERN INNOVATION

- The unique EXCLUSIVE SENSOR SYSTEM™ technology automatically and continuously senses and adjusts as you sew any thickness of fabric for perfect even feeding. *
- Start/Stop Button – begin and stop sewing without the use of the foot control. Great for sewing rows of decorative stitches, buttonholes, sewing on buttons and winding bobbins.
- The Automatic Thread Cutter is a true time-saver. It cuts the top and bobbin thread automatically. **
 - The TouchScreen is easy to navigate and shows all your settings. **
 - The Electronic Self-Adjusting Thread Tension sets the best tension automatically for all your sewing techniques and fabrics. **

GENEROUS CAPABILITY

- Thanks to the Bobbin Thread Sensor, the machine stops sewing and alerts you when the bobbin thread is about to run out. **
- The generous 8" (200 mm) sewing surface and long arm makes it easy to sew large projects.
- A large number of beautiful stitches for endless creative opportunities including 7 mm stitch width.

USER-FRIENDLY CONVENIENCE

- The Exclusive SEWING ADVISOR® feature optimizes your sewing with automatic settings.
- 3 LED lights reduce shadows while sewing.

* On the 690Q model.
** On the 690Q and 670 models.



OPAL™ 690Q



OPAL™ 670



OPAL™ 650



Precious moments preserved in fabric

You don't have to look too far into the world of patchwork or quilting to come across hexagons. Patterns have featured this six-sided shape for hundreds of years. But today, they are easier than ever to make thanks to our modern sewing machines. Sophie has updated the look of this traditional technique by using solid gray fabric for a large portion of the pieces.



The OPAL™ Hexagon quilt was made with inspiration from Jaybird Quilt's Science Fair pattern. Visit www.jaybirdquilts.com for pattern and instructions!



The OPAL™ Hexagon quilt is made in a mix of solid and print fabrics. A few of the pieces are from Sophie's grandfather's old shirts – personal memories combined with new.

The sensor foot pressure makes sewing on sheer materials a walk in the park! Tips and hints on how to make the Lampsbade on the OPAL™ sewing machine are available on www.busqvarnaviking.com.



Action shot!

Sense the difference

PERFECT, EVEN FEED ON ANY FABRIC THICKNESS.

The OPAL™ 690Q sewing machine features the amazing EXCLUSIVE SENSOR SYSTEM™ technology – previously only available on our more advanced sewing and embroidery machines. The system automatically and continuously senses and adjusts for any fabric thickness resulting in a perfect even feed. With a tap on the foot control or the touch of a button, the EXCLUSIVE SENSOR SYSTEM™ technology automatically lowers and raises the presser foot. There is even an extra lift position for maximum space to slide heavy sewing projects, like quilts, under the foot easily. With Sensor Foot Pivot the machine senses the fabric thickness when stopping with the needle down to raise the foot to a float position for instant pivoting.



Press the Start/Stop Button to begin and stop sewing without the use of the foot control. Perfect for long rows of stitching!

Polka dot party



The red and white polka dot dress is made with a row of buttons in the back and piping in contrasting fabric. Cute as a button!



BUTTONHOLE VICTORY. EVERY TIME.

Lining up and sewing buttonholes can be a big challenge. But not with an OPAL™ sewing machine! The Perfectly Balanced Buttonholes sew both sides of the buttonhole in the same direction for even, balanced buttonholes. All in one step.

There are seven buttonhole styles on the OPAL series. The Exclusive SEWING ADVISOR® feature will select the best buttonhole for your fabric type and weight.



THE THREAD CUTTER IS A WONDERFUL TIME-SAVER!

With the Automatic Thread Cutter on the OPAL™ 690Q and 670 sewing machines one touch cuts the top and bobbin threads and pulls thread ends to the underside of your fabric. Perfect assistance for all types of sewing.

Rock those polka dots!



The black and white polka dot dress is made in stretch fabric using stretch stitches.



LESS TIME AND EFFORT - MORE JOY

Take some advice from your sewing machine! Simply enter the type of fabric you are using and the technique you want to sew and the Exclusive SEWING ADVISOR® feature instantly sets the machine for you. It selects the best stitch, stitch width, stitch length, and sewing speed. It also provides recommendations for other settings. The OPAL™ 690Q and 670 sewing machines even set the best thread tension for you, whereas it is recommended on the OPAL™ 650 sewing machine.



To sew with love

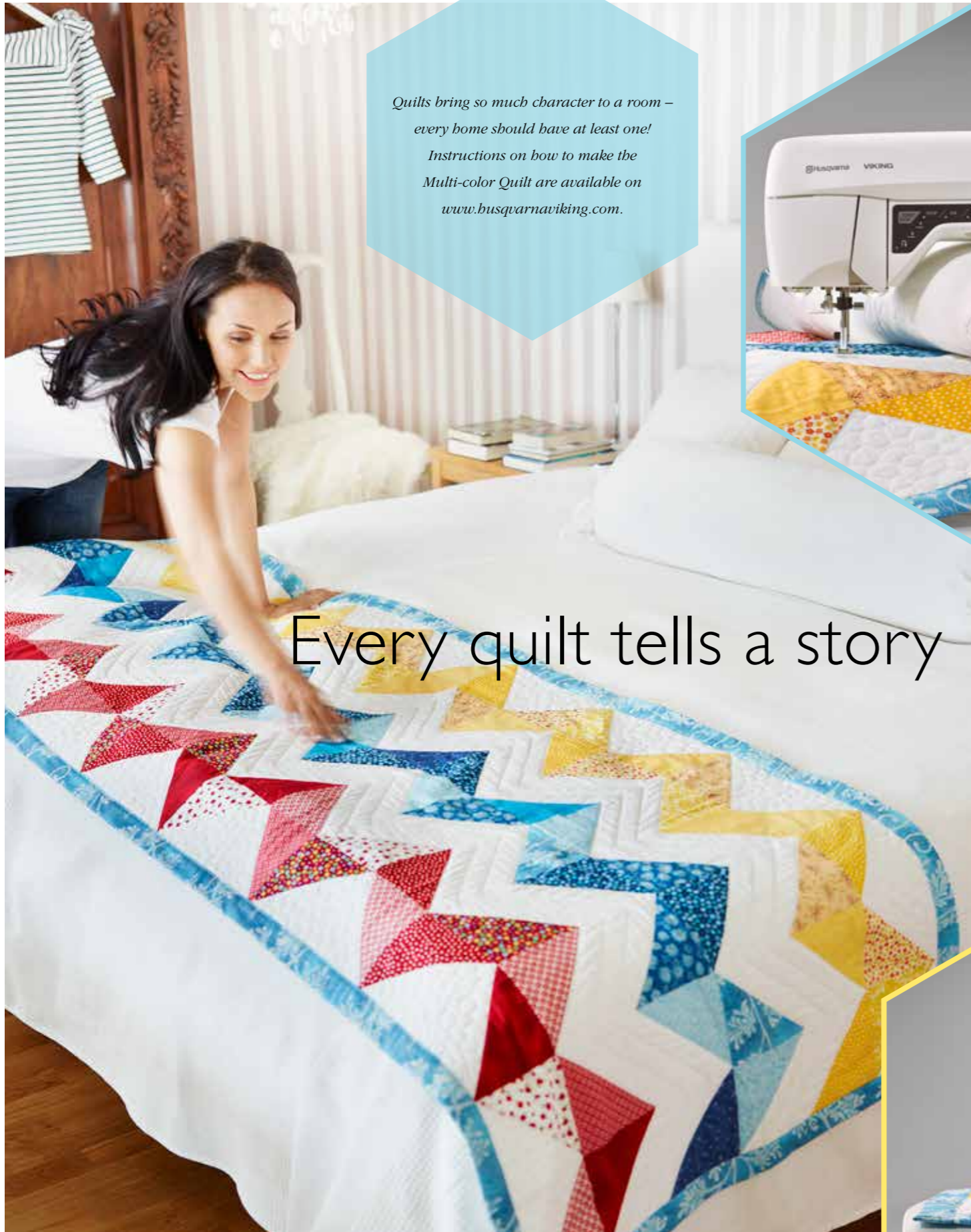
The self-adjusting thread tension on the OPAL™ 690Q and 670 sewing machines is truly automatic – for perfect stitching no matter what the fabric or technique.
A convenient time-saver!

The bobbin thread sensor on the HUSQVARNA VIKING® OPAL™ 690Q and 670 sewing machines stops sewing and alerts you when the bobbin thread is about to run out.
Great assistance when you need it!



LARGE GRAPHIC DISPLAY

The OPAL™ sewing machines feature a Graphic Display. Touch the selection buttons on the touch panel or step through stitches with the navigator arrows. Everything you need to know is on the illuminated large Graphic Display. The OPAL™ 690Q and 670 sewing machines also have a user-friendly TouchScreen. All your settings, including the Exclusive SEWING ADVISOR® feature, are accessible. Simply use the stylus or fingertip to navigate.



Every quilt tells a story

Quilts bring so much character to a room – every home should have at least one! Instructions on how to make the Multi-color Quilt are available on www.busquarnaviking.com.



**EASY TO MANAGE
LARGE SEWING PROJECTS**

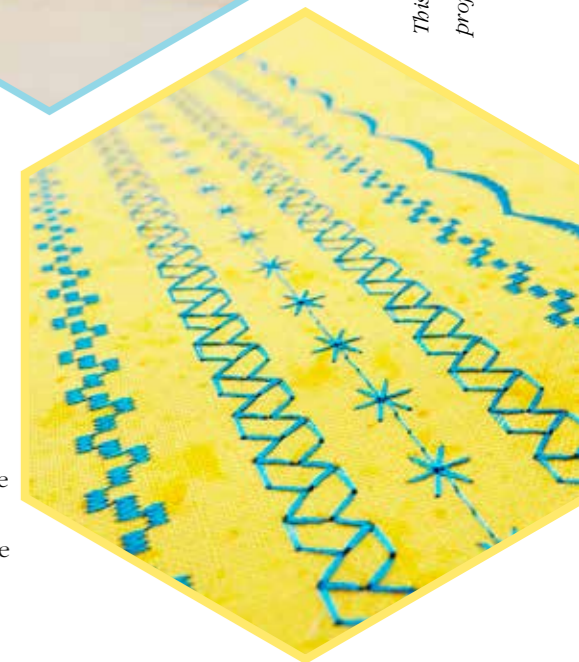
The generous machine design offers plenty of sewing and fabric space. The open area from the side of the machine to the needle measures nearly 8" (200 mm). Perfect for quilts and other large sewing projects!

HUSQVARNA VIKING® sewing machines offer a myriad of accessories designed to make your sewing faster, easier and more creative. The extension table pictured below, for example, increases your work area substantially. Perfect for quilts and other large projects!



**HIGH QUALITY STITCHES,
UP TO 7 MM IN WIDTH, FOR
EVERY TECHNIQUE**

Enjoy 208 stitches, up to 7 mm wide, on the OPAL™ 690Q sewing machine, 200 stitches on the 670 sewing machine and 160 stitches on the 650 sewing machine – including utility, quilt, satin, heirloom and decorative stitches. The 690Q and 670 sewing machines have four sewing fonts and the OPAL™ 650 sewing machine has three. All stitches are shown inside the lid.



Three LED lights placed over the needle area and sewing surface create great light for sewing.



The Personalized Quilt Label was made using one of the built-in sewing fonts. You can program and save personal stitch settings to the "My Stitches" menu.



This colorful Scotty Dog Pillow is sewn from scraps of fabric leftover from other projects. Instructions can be found on www.busquarnaviking.com



Opal™



KEY FEATURES:

	HUSQVARNA VIKING® OPAL™ 690Q	HUSQVARNA VIKING® OPAL™ 670	HUSQVARNA VIKING® OPAL™ 650
EXCLUSIVE SENSOR SYSTEM™ Technology	•	–	–
Start/Stop Function (Sew without foot control)	•	•	•
Automatic Thread Cutter	•	•	–
Exclusive SEWING ADVISOR® Feature	•	•	•
Bobbin Thread Sensor	•	•	–
Large display 3" (64x48 mm)	TouchScreen	TouchScreen	Graphic Display
Electronic Self Adjusting Thread Tension	•	•	–
Large Sewing Surface	8" (200 mm)	8" (200 mm)	8" (200 mm)
Utility & Decorative Stitches	208	200	160
All Stitches (including stitches, letters, characters etc)	565	557	420
Programmable Fonts	4	4	3
LED Lights in three places	•	•	•
My Stitches Menu	12 Memories, 240 stitches	8 Memories, 160 stitches	4 Memories, 80 Stitches

SEWING FEATURES:

	TouchScreen	TouchScreen	Hard Key Selection
Stitch Selection	TouchScreen	TouchScreen	Hard Key Selection
Stitches on Screen in real size	•	•	•
Needle Positions	29	29	29
Snap-On Presser Feet Included	10	7	7
Buttonholes styles	7	7	7
Exclusive Sensor One-Step Buttonhole Foot	•	•	•
Perfectly Balanced Buttonholes	•	•	•
Sew-on Button Program	•	•	•
Fix Function	•	•	•
Stop Function	•	•	•
Needle Stop Up/Down	•	•	•
Automatic Tapering	•	•	–
Pictogram Feature	•	•	–
Mirror End-to-End	•	•	–
Mirror Side-to-Side	•	•	•
Adjust Stitch; Length, Width	•	•	•
Stitch Width	7 mm	7 mm	7 mm
Twin Needle Safety and Stitch Width Safety	•	•	•
Electronic Speed Control	5 speeds	5 speeds	5 speeds
Instant and Permanent Reverse	•	•	•

MORE FEATURES:

Built-In Needle Threader	•	•	•
Bobbin Winds From The Needle	•	•	•
Automatic Bobbin Thread Pick Up	•	•	•
Electronic Piercing Power	•	•	•
Set Menu	•	•	•
Languages	12	12	12
Slide-On Accessory Tray	•	•	•
Built-In Spool Pins	2	2	2
Thread cutters	3	3	3
Jam-Proof Rotary Hook, Permanently Lubricated	•	•	•
Hard Cover	•	•	•
Designed and Engineered in Sweden	•	•	•

JOIN THE HUSQVARNA VIKING® FAMILY!

Since 1872, HUSQVARNA VIKING® has been at the forefront of sewing innovation. Our goal has always been to spread the joy of sewing through high-end convenience and time-saving, cutting edge features. We are known worldwide for our quality education, inspiration, and personal service.

Welcome to the HUSQVARNA VIKING® family!

www.husqvarnaviking.com

