

Opal™ 690Q

Top Features

- EXCLUSIVE SENSOR SYSTEM® technology
- Start/stop function
- Automatic thread cutter
- Exclusive SEWING ADVISOR® feature
- Bobbin thread sensor



Features & Benefits

Innovation

EXCLUSIVE SENSOR SYSTEM® TECHNOLOGY

Automatically and continuously senses and adjusts presser foot pressure as you sew on any thickness of fabric for perfect even feeding.

SENSOR FOOT LIFT

- Presser foot lowers and raises automatically for every sewing technique. Four positions: down, pivot, up and extra lift.
- Automatically lowers feed teeth for maximum space to slide heavy fabrics and quilts under the foot easily.

SENSOR FOOT PIVOT

- The Presser Foot senses the thickness of the fabric when you stop with the needle in the down position. The foot will automatically float above the fabric for instant pivoting, easy applique and quilting.

START/STOP FUNCTION

Sew without foot control for easy, consistent speed.

- Press Start/Stop to begin and to stop sewing.
- Great for sewing rows of decorative stitches, quilting stitches, sewing on buttons and making buttonholes.
- Ideal for sewers with physical limitations.

AUTOMATIC THREAD CUTTER

Timesaving and convenient when sewing one touch instantly cuts the top and bobbin threads, pulls thread tails to the underside of your fabric.

MONOCHROME TOUCHSCREEN WITH STYLUS INCLUDED

Easy to navigate through various screens for sewing and programming.

- All functions and stitches at a touch.
- All the sewing information you need is displayed on the TouchScreen.
- See the stitch and any adjustments in real size before you sew.
- Stitch comes up at recommended settings.

ELECTRONIC SELF-ADJUSTING THREAD TENSION

The best tension is set automatically for all sewing techniques and fabrics. Override automatic tension easily for specialty techniques

DESIGNED AND ENGINEERED IN SWEDEN

HUSQVARNA VIKING® brand has engineered and manufactured superior quality sewing machines with cutting-edge technology for over 140 years.

## Capability

### BOBBIN THREAD SENSOR

No need to check bobbin thread when sewing. Stops sewing and alerts you when the bobbin thread is about to run out.

### LARGE SEWING SURFACE

Sew large quilts, home dec projects, and garments easily.

- Large area to the right of the needle for ease of sewing, nearly 8" (200mm).

### UTILITY, SPECIALTY STITCHES AND BUILT-IN FONTS

Many stitches and font styles to choose from for endless creative opportunities.

- 208 built-in stitches.
- 7mm stitch width, 6mm stitch length.
- Plus 4 built-in sewing fonts with both upper and lower case letters for easy programming.

### QUILT ACCESSORIES INCLUDED:

The perfect accessories for your quilting needs, from piecing and decorating of the quilt to free motion.

- ¼ Piecing Foot
- Clear Open Toe Foot
- R Foot
- Quilting Guide

### PROGRAMMABLE BUILT-IN FONTS

Personalize, label and date your sewing projects. Choose between Brush Line, Block, Cyrillic and Hiragana to create quilt labels or personalize your project with letters up to 7mm wide.

### SAVE TO "MY STITCHES"

Personal menu to save personal stitch settings and programs for quick and easy access. OPAL™ 690Q sewing machine features 12 permanent memories, each memory saves up to 20 stitches or letters.

### PERFECTLY BALANCED BUTTONHOLES

The Exclusive Sensor One-Step Buttonhole Foot automatically sews perfect one-step buttonholes every time.

- Sew both sides of the buttonhole in the same direction for evenly balanced buttonholes. There are seven buttonhole styles and an eyelet designed for various sewing applications. The Exclusive SEWING ADVISOR® feature will select the best buttonhole for your fabric type and weight.
- Repeat as many as you need.

### TAPERING FEATURE

Form perfectly mitered corners or create beautiful satin stitch lettering.

- Automatically reduces stitch width to a perfect point for embellishment and easy mitered corners.

## Convenience

### EXCLUSIVE SEWING ADVISOR® FEATURE

Select your type of fabric and sewing technique and the Exclusive SEWING ADVISOR® feature instantly sets everything for you

- It automatically sets the best stitch, stitch width, stitch length, thread tension, and sewing speed.
- The selected stitch is displayed with the recommended presser foot, needle size and type, and presser foot pressure on the TouchScreen.

### LED LIGHTS

Reduces shadows while sewing.

Three LED lights illuminate the needle area and sewing surface to make sewing easy and to reduce eye strain.

Lights with extreme long-life expectancy make for easy maintenance.

### BUILT-IN NEEDLE THREADER

Threads the needle instantly.

Makes threading easy and reduces eye strain.

### SEW ON BUTTON PROGRAM

For convenient button sewing.

### MIRROR SIDE-TO-SIDE AND/OR END-TO-END

For creative use of decorative stitches and precise utility sewing.

### 29 NEEDLE POSITIONS FOR EXACT NEEDLE POSITIONING

Sews a straight stitch in 29 different needle positions for perfect topstitching, edge stitching, under stitching, stitching-in-the-ditch, or quilting.

### NEEDLE STOP UP/DOWN

For easy pivoting, appliqué and more.

Press Needle Stop Up/Down or tap the foot control to move the needle up or down.

### BOBBIN WINDS FROM THE NEEDLE

For timesaving and convenient bobbin winding.

### AUTOMATIC BOBBIN THREAD PICK UP

No need to bring up bobbin thread before beginning to sew.

### TWIN NEEDLE SAFETY

Enter the size of the twin needle being used to limit the stitch width and prevent needle from breaking.

### STITCH WIDTH SAFETY

For more accurate straight stitching.

Select the Stitch Width Safety to eliminate needle breakage with straight stitch accessories.

### 12 LANGUAGES

For instant on-screen reference.

Choose from 12 different languages including English, French, Italian, German and Spanish in the SET menu.

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