

# Opal™ 650



Features & Benefits

## Top Features

### EXCLUSIVE SEWING ADVISOR®

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

### LARGE SEWING SURFACE

Sew large quilts, home dec projects, and garments easily within the nearly 8" (200mm) large area to the right of the needle

### 7MM STITCH WIDTH

Personalize your sewing projects with beautiful 7mm stitches

### PROGRAMMABLE BUILT-IN FONTS

Choose between the built-in fonts Block, Cyrillic and Hiragana to personalize, label and date your sewing projects

### SAVE TO "MY STITCHES"

Save your personal stitch settings and programs in 4 permanent memories for quick and easy access

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

Choose from 160 stitches and 3 built-in font styles for endless creative opportunities

## Innovation

### GRAPHIC DISPLAY

See the stitch and any adjustments in real size before you sew

- All the sewing information you need to sew is displayed
- Adjust GraphicDisplay contrast in the SET menu

### LED LIGHTS

Reduces shadows while sewing

- Three LED lights illuminate the needle area and sewing surface to make sewing easy and reduce eye strain
- Lights with extreme long-life expectancy make for easy maintenance

### 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, and making buttonholes
- Ideal for sewers with physical limitations

### 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

### 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

- 160 built-in stitches
- 7mm stitch width
- 6mm stitch length
- Plus 3 built-in fonts with both upper and lower case letters for easy programming

### PROGRAMMABLE BUILT-IN FONTS

Personalize, label and date your sewing projects

Choose between 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™ 650 sewing machine features 4 permanent memories, each memory saves up to 20 stitches or letters

### PERFECTLY BALANCED BUTTONHOLES (PBB)

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

- Sews 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

### EXTENDED DUAL STITCH PLATE GUIDELINES

For easy topstitching, hemming and utility sewing

Sew from the left or the right of the needle – the stitch plate has extended guidelines to 1½" (40mm) on both sides of the needle

## Viking Sewing Center

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## Convenience

### EXCLUSIVE SEWING ADVISOR®

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, and sewing speed. The selected stitch is displayed with the recommended thread tension, presser foot, needle size and type, and presser foot pressure on the GraphicDisplay

### 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

For creative use of decorative stitches and smoother 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

Never a need to bring up bobbin thread before beginning to sew

### TWIN NEEDLE SAFETY

Helps prevent needle breakage

Enter the size of the twin needle being used to automatically 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