

Designer Epic™ | 3

Sewing and Embroidery Machine

Features & Benefits



Top Features

New Embroidery Unit

The new embroidery unit reduces noise and vibrations and provides an industry-leading embroidery size of 460x450mm. Plus explore a variety of new and improved techniques to elevate your embroidery like never before.



Free-Arm Embroidery

Embroider difficult-to-hoop projects without opening a seam. Simply slip part of your project around the free-arm when attaching the optional free-arm hoop.



Reversible Hoop Capability*

The first in the industry to seamlessly embroider a specialty technique like felting or bobbin work, then continue stitching over that design with conventional embroidery. With the reversible hoop you don't need to un-hoop your project, saving you time and frustration.



Embroidery Projection

Project the image of an embroidery on your hooped fabric for easy placement. See where your embroidery is to generally place a design on your project, or easily match multiple hoopings to create embroideries at the ideal size. You can use the precise positioning feature to fine-tune for absolutely perfect placement.

*Optional accessory required

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Sewing Projection

Stitch projection enables you to easily preview whatever you plan to stitch on the fabric. Or you can easily align your stitching with an overlay of helpful lines with adjustable angles and grids of adjustable sizes in sewing mode. Achieve perfectly placed stitching while saving precious time.

Artificial Intelligence Technology

Attach any included presser foot and the machine will inform you if the foot is compatible with your stitch selection. It will show you if the foot is attached incorrectly to make sure you are using the best foot in the best way for your projects.

STITCH CREATOR™

Create a 9mm stitch completely from scratch so you always have the right stitch for your project, or edit one of the many built-in stitches to customize a stitch for unlimited creativity.

Guided Pictogram Stitch Technique

Use the new patented stitch technique, Guided Pictogram, to easily make large motifs while the machine guides you every step of the way. Simply sew until the machine automatically stops and then let the projected guide show you where and when to pivot your fabric until you are done.

mySewnet™ Connectivity

- Get creative with seamless cloud-based navigation between your machine screen, laptop and mobile.
- A 90-day free trial of mySewnet PLATINUM Subscription is included.

mySewnet Library

- mySewnet Library has thousands of beautiful ready-made embroidery designs, from flowers and fonts to nature and more. The best part is you can access the full library on-screen so you don't have to leave your machine to find the perfect design.

mySewnet™ Blog

- Access a live feed directly on your machine screen of news, free projects, free designs and more.

mySewnet™ App

- Download the free app that connects your phone to your machine. Digitize photos on the go, get live machine updates and more.

mySewnet™ Cloud

- Access the cloud folder with free 100MB storage for all files saved in one place directly from your machine screen.

Integrated Dual Feed Technology

Feeds fabric from both the top and bottom for effortlessly sewing multiple layers of fabric or specialty fabrics, eliminating the need for a separate dual feed presser foot.

Embroidery Features

Specialty Embroidery Attachment Capabilities

Embroider ribbon, beads or yarn directly and precisely on fabric as the attachment guides the material into place. Automatically stitch a variety of materials with your machine to avoid the time and stress of stitching them down by hand.

Industry's Largest Embroidery Area

Embroider with the market's largest embroidery area using the optional 460x450mm DESIGNER™ Glorious Hoop.*

Hoop Scanning

Load a picture of your hoop to quickly place a design on any project. Simply let the machine scan your hoop and it will load a picture of your hooped project on screen for you to preview design placement and even help you decide what colors to choose.

Design Positioning

Place and match your embroideries with this feature for stitch point accuracy, achieving perfectly placed embroideries every time.

Most Built-In Specialty Technique Designs

Create the most unique projects by adding texture and dimension. The built-in designs incorporate 35 specialty techniques including Ribbon Embroidery, free-arm embroidery, THREAD VELVET™ Technique, and more.

Create Shape

Create unlimited new embroideries using any stitch and/or embroidery design. Choose your shape and adjust your selected designs or stitches on this shape line.

Create Applique

Create appliqués directly on the screen of your machine, no extra software required. Choose from built-in shapes such as a heart, flower, letters and more. Finish your appliqué with more stitch options.

Embroider Buttonholes and Decorative Stitches in the Hoop

Expand your creativity by combining any of the built-in stitches for endless design opportunities. You can also taper in the hoop to create mitered corners and beautifully angled effects using select decorative stitches.

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Automatic Jump Stitch Trim

Eliminate trimming time as you create beautiful embroideries. Jump stitches are cut automatically and thread tails are pulled to the back. Automatic thread cutter cuts only the top thread at each color change.

Customize Embroidery Designs

Modify your embroideries on your machine screen and see your adjustments as you do them. You can do so much without leaving your machine including:

- Add multiple designs
- Rotate, mirror image, scale, move
- Color edit
- Group and ungroup designs
- Undo/redo
- Change stitch-out order
- Color block sort
- Color block merge
- Monochrome

Basting Options

Use basting to secure the fabric without hooping – great for premade garments or hard-to-hoop fabrics. Choose between baste around design or baste around hoop area.

High Embroidery Speed

Stitch up to 1050 stitches per minute to finish your projects in no time.

Welcome to Embroidery Stitch-Out

Check and adjust the embroidery settings before entering Embroidery Stitch-Out.

Four Embroidery Hoops Included

Get stitching a variety of designs as soon as you unbox your machine with four included hoops including:

- DESIGNER™ Splendid Square Hoop (120x120)
- DESIGNER™ Jewel Hoop II (240x150)
- DESIGNER™ Royal Hoop II (360x200)
- DESIGNER™ Regal Hoop (465x260)

Hoop Positions

Move the hoop to four constant positions so you can easily access your project at any time: Current Stitch, Park, Cente and Trim.

Thread Database in the Machine

Choose your thread manufacturer and you can input specific thread numbers to see your design in the exact colors it will stitch out in.

Sewing Features

Exclusive Stitch Techniques

Customize any project with exclusive and patented stitch techniques that give your project dimensional elements that are effortless and irresistible: Guided Pictogram, Floating, Pop-Up Stitches, Sequin Stitches, Appliqué Stitches, Yarn Stitches, Theme Stitches and Laser Pictogram Stitches.

Enhanced Fabric Feed

Exceptional fabric feeding is provided by the additional front feed teeth and an overall wider feed teeth system to feed your projects more smoothly.

Extensive Selection of Built-In Stitches

Choose from a variety of over 870 stitches for basic sewing, decorative sewing and more. There's a stitch for every project. Make a big impact with little effort with stitches up to 54mm wide or program 6 sewing alphabets, with both upper and lower case letters.

deLuxe™ Stitch System

Spend less effort spent on machine adjustments with high-quality results regardless of fabric and thread type. Thread Portioning technology feeds the optimum amount of thread for each stitch, no matter what thread type or fabric thickness, when sewing or embroidering. Perfect for gorgeous stitch results on both sides of the fabric even with metallic or other specialty threads. Choose between Thread Portioning or Thread Tension for specific techniques/accessories.

EXCLUSIVE SENSOR SYSTEM™ Feature

Automatically and continuously senses and adjusts to any thickness of fabric for perfect, even feeding as you sew.

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 on extra lift for maximum space to slide thick fabrics and quilts under the foot easily.

Sensor Foot Pivot

- Automatic float position with needle down for instant pivoting, easy appliqué and quilting.
- Your hands are free to guide the fabric.

Sensor Foot Pressure

- The presser foot continuously senses the thickness of the fabric and automatically adjusts the presser foot pressure, for even feeding on all fabric types.

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Free-Motion Settings

Choose from three different free-motion modes to get the best free-motion results based on the foot you prefer. There's even a ruler foot setting. You can also use any non-dimensional decorative stitch up to 9mm wide in free-motion.

Tapering on Decorative Stitches

Effortlessly taper your stitch at the beginning and/or at the end of any stitch up to 9mm wide. Change the angle of the taper for unlimited creative opportunities. You can even embroider wonderful tapers in the hoop.

Stitch Positioning

Change complete stitch position for any stitch with less than 9mm stitch width. Align the stitch position with a point on your fabric or presser foot without moving your fabric.

37 Needle Positions

Sew a straight stitch in 37 different needle positions for ideally placed top-stitching, edge stitching, under stitching, stitching-in-the-ditch or quilting.

Stitch Repeat

Let the machine do the math for you in Stitch Repeat. Patchwork Program and Single Stitch Program help you sew exactly what you want easily. Sew your seam and the machine will remember the seam length to repeat over and over, or set the exact number of stitch or sequence repeats you wish to sew.

Stitch Balance

Automatically sets the ideal feed balance when stitching forward and backward, so your decorative stitching looks stunning every time.

Perfectly Balanced Buttonholes

The Sensor One-Step Buttonhole Foot automatically sews perfect one-step buttonholes every time by sewing both sides of the buttonhole in the same direction for evenly balanced buttonholes. Choose from 16 buttonhole styles and 3 eyelets designed for various sewing applications.

Sewing Functions

Save time with all your necessary functions like start/stop, reverse and more at your command with the touch of a button, or program them for your needs.

Stitch Density

For the desired fullness, density can be increased or decreased without affecting stitch length because this machine carefully controls the distance between the stitch points.

Sew with Embroidery Unit On

Easily convert from embroidery mode to sewing mode; no need to remove the embroidery unit. In fact you can use it for extra support of your sewing projects

Mirror Image of Stitches

Mirror-image stitches to match the direction that works best for your project. Flip the stitch side to side and/or end to end for even greater creative possibilities.

Stitch-Width Safety

The Stitch-Width Safety feature prevents needle breakage. It limits stitch width to center-needle straight stitch for using a straight-stitch foot.

Twin Needle Program

Enter twin-needle size to automatically limit the stitch width. You can even preview what the twin-needle stitch will look like on the screen.

Stitch Restart

Return to the beginning of a stitch or sequence without having to reset any special adjustments you've made and without having to sew to the right stitch to get back to the beginning.

Machine Features

JoyOS ADVISOR™

The DESIGNER EPIC™ 3 sewing and embroidery machine will be your smartest and most skillful companion with help from the JoyOS ADVISOR™ feature.

Interactive Tutorials

- Learn how to sew different techniques like zippers, collars, hems etc.

Sewing Instructions

- Sewing and embroidery projects with all the instructions needed built into the machine.

Step-By-Step Workbook

- Learn the amazing features of the machine like Design Positioning, Design Shaping and more.

Easy Access User's Guide

- Get access to the full User's Guide directly on the machine with the easy access icon. Use the search function to effortlessly find the topics you want to learn more about.

Stabilizer Guide

- The perfect tool when choosing the right stabilizer for your project.

Quick Start Guide

- Learn how to set up your machine for basic sewing and embroidery to get stitching sooner.

Accessory Guide

- Full set-up and instructions for some of our more advanced accessories.

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Needle Piercing Power

Electronic needle piercing power (150NWT) provides superior results when using heavy fabrics or multiple layers.

Machine Set-Up Wizard

The Machine Set-Up Wizard will show you step-by-step how to set up your machine, making it quick and easy to get the most out of your machine the first time you sew.

Straight Stitch Plate and Sensor

The included Straight Stitch Needle Plate is the perfect help for straight stitch sewing with any special accessory and embroidery. This prevents fabric from being pulled down under the needle plate. When you attach the Straight Stitch Plate, the machine sensor alerts you if you select any stitch other than a straight stitch to avoid breaking needles.

Bright Work Light

Developed by optronic experts using revolutionary LED technology and light guide optics, the work area lighting allows you to see your project in true color with virtually no shadows, so you get a clear view of your project without needing additional lighting.

Stability

The base plate and new embroidery unit are engineered to reduce vibrations and increase stability. Sew or embroider with less vibrations for a steady and quiet sewing experience.

Extra Large Touch Screen

Get all the information you need directly on an extra large 10.1" color capacitive touch screen. See your settings clearly, preview designs before loading them, and make all your edits on-screen with confidence. The capacitive touch tablet-like screen allows you to easily navigate on-screen using touch gestures like swipe, pinch and spread.

Large Working Area

More than 12" (310mm) to the right of the needle and working area height over 5.5" (140mm) give plenty of room for large, bulky projects.

Quick Help

Not sure what something on your machine screen means? With just the touch of a button you can see a quick description of whatever you want to know more about on-screen. Spending time looking everything up in your manual is a thing of the past.

Large Thread Spool Capability

Built-in telescopic thread stand allows you to use larger thread spools without the bulk of additional accessories.

Large Bobbins

Sew and embroider for longer periods without interruption.

Fully Automatic Needle Threader

With one touch of a button, your needle is threaded and ready to sew for hassle-free threading every time.

Personalized On-Screen Experience

Feel right at home at your machine. Personalize your on-screen experience by naming your machine or changing the color theme of your screen to have it reflect your personality.

Save Current State

If you lose power or need to stop embroidering/sewing, all adjustments are automatically saved. You can also choose to manually Save Current State at any time if you want to stop mid-project and save what you're doing to easily come back to it later.

Bobbin Winding

Wind your bobbin through the needle to save time threading your machine. Plus the separate bobbin winding motor allows you to wind a bobbin without interrupting your sewing.

Accessory Tray with Customized Compartments

There's a place for all your included feet. Store your presser feet in alphabetical order and place your Sensor Buttonhole Foot in its own slot. There's even a place for the straight stitch plate to click into place.

Two USB Ports

Two USB ports allow for smooth transfer of designs, updates and for use with the optional Multi-Function Foot Control.

Reads Multiple Design Formats

For your convenience, the machine reads the most popular design formats so you don't need to worry about converting designs.

Inch/Centimeter Ruler on Base Plate

Convenient measuring right on the base of your machine with a ruler up to 19" (48.5cm) which includes a Button Ruler. You can measure right on your machine so you don't need to get up to find a ruler.

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Designed and Engineered in Sweden

HUSQVARNA® VIKING® brand has developed superior quality sewing machines with cutting-edge technology for over 150 years.

Top and Bobbin Thread Sensors

Top thread sensors will stop and alert you when the thread or needle breaks, while the bobbin sensor will alert you if your bobbin thread is running low.

Jam-Proof Rotary Hook

Jam-proof rotary hook keeps threads from getting caught in the bobbin area.

Automatic Presser Foot Lift

Raises the presser foot instantly when the needle is set to stop down and/or at the end of a seam after a thread snip.

Embroidery Unit Case Included

Protect and transport your embroidery unit in style.

Languages

Choose from different languages in the Settings menu. Make sure your machine speaks the same language you do.

Updatable

Download the latest software version from the Internet for free; update quickly with a USB stick or via wifi to ensure you're using the latest software at all times.

