

Designer Ruby™ | 90 Sewing & Embroidery Machine



FEATURES & BENEFITS

TOP FEATURES

mySewnet™ CONNECTED

Discover a universe of creative possibilities with direct access to the mySewnet™ features right on the DESIGNER RUBY™ 90 sewing and embroidery machine.

WIFI ACCESS

Connect to mySewnet™ cloud account for storing your design files, transferring designs, using apps and more.

mySewnet™ CLOUD

Get a free mySewnet™ cloud account to use free apps, transfer designs, and more.

mySewnet™ SUBSCRIPTION

Enjoy full access to thousands of embroidery designs directly on screen, plus edit and personalize your embroideries with an included 90-day free trial of the mySewnet™ SILVER subscription.*

mySewnet™ BLOG

Access a live feed directly on your screen of news, tips & hints, free projects, and designs.

HUSQVARNA® VIKING® APPS

Access apps like mySewMonitor™, which monitors your stitch-out process and design placement, and QuickDesign™ to create embroidery designs from your tablet or smartphone. Plus, the JoyOS ADVISOR™ app provides support and tutorials anywhere you go.



INNOVATIVE MACHINE CAPABILITIES

Enjoy more space and improved ease-of-use with our latest features.

LARGE COLOR TOUCH SCREEN

The large 10.1" (217x136mm) capacitive touch tablet-like screen allows you to easily navigate on screen using touch gestures like swipe, pinch, and spread.

MORE SPACE TO WORK

Our working area features more than 12" (310mm) to the right of the needle and over 5.5" (140mm) in height for big and bulky projects.

LARGE THREAD SPOOL CAPABILITY

The built-in telescopic thread stand allows you to use larger thread spools without the need for additional accessories.

BIGGER BOBBINS

Sew and embroider for longer periods without interruption with larger bobbins.**

POWERFUL WORK LIGHTS

Developed by optronic experts using revolutionary LED technology, the work area lighting allows you to see stitches in true color with virtually no shadows. Quickly and easily change light intensity with buttons on the front of your machine.

ERGONOMIC DESIGN

Sew with a comfortable, intuitive machine design.

OUTSTANDING STABILITY

Sew or embroider with less vibrations for a steady and quiet sewing experience.

*After 90-day free trial period, paid subscription required to access certain features.

**When compared to previous DESIGNER RUBY™ models.

TOP FEATURES

JoyOS ADVISOR™

Our industry-leading JoyOS ADVISOR™ system allows you to easily navigate step-by-step tutorials and full sewing and embroidery projects.

▶ INTERACTIVE TUTORIALS

Learn how to sew collars, hems, exclusive stitch techniques, insert zippers, stitch out beautiful embroidery designs and more.

▶ SEWING INSTRUCTIONS

Sewing and embroidery projects with step-by-step instructions including linked recommended stitches or embroidery designs built in

▶ STEP-BY-STEP WORKBOOK

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

▶ 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 start stitching sooner.

▶ ACCESSORY GUIDE

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

deLuxe™ STITCH SYSTEM

Achieve the perfect thread feed no matter the thread or fabric used. Spend less effort on machine adjustments and get high quality results with automatic thread portioning and thread tension sensing.



RIBBON EMBROIDERY CAPABILITIES

Create truly unique pieces with the innovative Ribbon Embroidery Attachment compatible with the DESIGNER RUBY™ 90 sewing and embroidery machine. The optional attachment guides and stitches down ribbon with ease.

ELECTRONIC NEEDLE PIERCING POWER

Stitch through heavy fabrics or several layers with our maximum needle force of 150NWT.



EXCLUSIVE SENSOR SYSTEM

Achieve even feeding as you sew with continuous sensing and automatic adjusting for any fabric thickness.

▶ 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

- The presser foot raises automatically to the perfect height while using 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.

EXTENSIVE SELECTION OF BUILT-IN STITCHES & EMBROIDERY DESIGNS

- Enjoy more than 800 built-in stitches and techniques including Pop-up, Sequin, Appliqué, Yarn and Theme Stitches.
- Access more than 650 built-in embroidery designs.

EMBROIDERY

GENEROUS EMBROIDERY AREA

Embroider larger projects with the included DESIGNER™ Imperial 360x260mm Hoop or the optional 360x350mm DESIGNER™ Majestic hoop - the industry's largest.

DESIGN POSITIONING

- Place and match your embroideries with the Design Positioning feature for stitch point accuracy.
- Use the Design Placement feature in the free *mySewMonitor™* App to see your hooped project on-screen for easier placement.

HIGH EMBROIDERY SPEED

Stitch up to 1,000 stitches per minute.

CUSTOMIZE YOUR EMBROIDERY DESIGNS

- Modify and customize embroidery designs on screen, including editing the color and changing stitch out order.
- Rotate, mirror image, scale, resize, move, group and ungroup designs.

DESIGN SHAPING

Create unlimited new embroideries by repeating designs or stitches in the Design Shaping feature. Use automatic design positioning controls to adjust your selected designs or stitches along a variety of shapes.

DESIGN APPLIQUÉ

Create appliqués right on the screen of your machine, no extra software required.

- Choose from built-in shapes such as: heart, flower, letters and more.
- Finish your appliqué with different stitch options.

BASTING OPTION

Use basting to secure the fabric without hooping. Choose between baste around design or baste around the hoop area.

AUTO SMART SAVE

When embroidering, continuously and automatically save your ongoing work, even if there is a power outage with this feature. You can choose to manually use Smart Save at any time.

EMBROIDER BUTTONHOLES & DECORATIVE STITCHES IN THE HOOP

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

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.

COMPLIMENTARY COMPUTER SOFTWARE DOWNLOAD

Access the complimentary embroidery software at *mySewnet™* to enhance the use of your sewing and embroidery machine. Adding the following features:

- **mySewnet™ Cloud Communication Module:** Allows you to connect the machine to your computer software over WiFi.
- **Microsoft® Internet Explorer® Plug-in or macOS® Finder® operating system software enhancement:** View designs as thumbnail images, read different embroidery file formats, and more.
- **QuickFont:** Create and add numerous embroidery fonts to your machine using any TrueType® technology font on your computer.

WELCOME TO EMBROIDERY STITCH-OUT

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



SEWING

INTERCHANGEABLE DUAL FEED INCLUDED

No matter what type of fabric, it has never been easier to keep your fabrics in place while sewing.

- The Interchangeable Dual Feed Foot with changeable presser feet is designed to feed layers of fabric and/or batting evenly.
- It is perfect for quilting, sewing velvet, stretch fabrics, leather and fabrics that need precise pattern matching.

STRAIGHT STITCH PLATE AND SENSOR

The perfect help for straight stitch sewing with many special accessories and embroidery.

- Attach the Straight Stitch Plate and the machine sensor alerts you if you select any stitch other than a center position straight stitch.

SEWING FUNCTIONS

All your necessary functions are at your command with the touch of a button, or program them for your needs.

PERFECTLY BALANCED BUTTONHOLES

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

- Sewes both sides of the buttonhole in the same direction for evenly balanced buttonholes.
- 16 buttonhole styles and 3 eyelets designed for various sewing applications.

29 NEEDLE POSITIONS

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

3 FREE-MOTION SETTINGS

Choose from 3 free-motion settings to fit your project.

STITCH POSITIONING

Possible to change complete stitch position for any stitch with less than 7mm stitch width to easily align stitching on your project.

STITCH BALANCE

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

TAPERING ON DECORATIVE STITCHES

Taper at the beginning and/or the end of select decorative stitches. Change the angle of taper for unlimited creative opportunities.

MACHINE

PERSONALIZED ON-SCREEN EXPERIENCE

The Graphical User Interface is a contemporary, user-friendly experience that can be personalized by switching up the color scheme to fit your style.

TOP AND BOBBIN THREAD SENSORS

Alerts you when your bobbin thread is low or when your needle thread breaks.

AUTOMATIC PRESSER FOOT LIFT

Raises the presser foot instantly when the needle stops in the down position and after a thread cut.

LIGHTWEIGHT, ONE PIECE ALUMINUM CASTING

The lightweight one piece aluminum casting makes the DESIGNER RUBY™ 90 sewing and embroidery machine easy to transport. The one piece casting also provides a strong machine structure that you can rely on.

TIMESAVING BOBBIN WINDING

- Quickly and conveniently wind your bobbin without unthreading your machine with the bobbin winding through the needle option.
- Use the separate bobbin winding motor to wind extra bobbins while sewing or embroidering other projects.

JAM PROOF ROTARY HOOK

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

TWO USB PORTS

Enjoy a smooth transfer of saved stitches, updates, and more.

ACCESSORY TRAY WITH CUSTOMIZED COMPARTMENTS

- Store your presser feet in alphabetical order
- Straight stitch plate clicks into place
- Slot for Sensor One-Step Buttonhole Foot

INCH/CM RULER ON BASE PLATE

Convenient measuring right there on your DESIGNER RUBY™ 90 sewing and embroidery machine.

- Ruler up to 19" (48.5cm)
- Button ruler

FULLY AUTOMATIC NEEDLE THREADER

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

COMPATIBLE WITH THE MULTI-FOOT FUNCTION CONTROL

Control multiple functions of your machine like thread cut or reverse without taking your hands off your project with this optional accessory.

EMBROIDERY UNIT CASE INCLUDED

Protect and transport your embroidery unit in style.

DESIGNED AND ENGINEERED IN SWEDEN

HUSQVARNA® VIKING® brand has developed superior quality sewing machines with cutting-edge technology for over 145 years.