



Designer Ruby™

Features & Benefits

Capability to Adore

ULTIMATE INTERACTIVE SCREEN

Easy to navigate through various screens for sewing, editing, and embroidery.

- Large (5.7" diagonal measurement) full-color TFT, wide VGA touch screen with high resolution (640 x 480)
- Clear text and realistic embroidery designs on screen
- Easiest graphic interface designed by sewers for sewers
- All functions and stitches at a touch
- Info Menu displays illustrated information, Text, Index and Category help
- View embroideries in full screen

LARGE EXTENDED SEWING SURFACE

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

- Swedish design provides the optimal sewing surface
- Long free arm for ease of sewing

LARGE EMBROIDERY AREA

Create and embroider large designs!

- Large embroidery area (Up to 360x200mm)
- A wide variety of optional HUSQVARNA VIKING® hoops can be used!

TWO EMBROIDERY HOOPS INCLUDED

- DESIGNER™ Royal Hoop for designs up to 360 x 200 mm
- DESIGNER™ Splendid Square Hoop for designs up to 120 x 120 mm

STITCHES

- Approximately 1000 stitches, including sewing fonts
- 7mm stitch width
- Side Motion sewing give stitches up to more than 50mm wide.

DESIGNS INCLUDED

- More than 300 beautiful designs in different sizes
- 147 beautiful designs are loaded in your Designer Ruby sewing and embroidery machine
- Classic Collection Embroidery CD includes 175 designs.
- All designs include Automatic Jump Stitch Trims

ALPHABETS

- Programmable built-in letters and numbers
- Label and date, embellish and create with built-in lettering
- 6 built-in sewing fonts
- 4 built-in embroidery fonts in three different sizes

Designer Ruby™

Convenience to Cherish

EXCLUSIVE SENSOR SYSTEM™

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

Exclusive Sensor Foot Lift

- Presser foot lowers and raises automatically for every sewing technique
- Four presser foot positions: down, pivot, up, extra lift for every sewing project and technique

Exclusive Sensor Foot Extra Lift

- Automatically lowers feed teeth for maximum space to slide thick and heavy fabric and quilts under the foot easily
- Your hands are free to guide fabric

Exclusive Sensor Foot Pivot

- Stop with needle down, foot senses thickness of fabric
- Automatic float position for instant pivoting, easy appliqué and quilting

Exclusive Sensor Foot Pressure

- Automatically and continuously senses the fabric thickness and adjusts as you sew for perfect even feed

EXCLUSIVE SEWING ADVISOR® AND EMBROIDERY ADVISOR™ FEATURE

Enter the type of fabric and the sewing technique and the Sewing Advisor feature instantly sets the machine for you.

- Sets the best stitch, stitch width, stitch length, thread tension, sensor foot pressure and sewing speed at the touch of a button
- Best stitch is displayed with the recommended presser foot and needle size and type on the Ultimate Interactive Screen

Enter the type of fabric and the Embroidery Advisor guides you.

- Enter the type and weight of fabric you will embroider and the machine recommends needle, stabilizer, top and bobbin thread

AUTOMATIC JUMP STITCH TRIM

Eliminate trimming time as you create beautiful embroideries.

- Cuts your embroidery jump stitches automatically
- Pulls the thread tail to the wrong side of the fabric for quick finishing

QUICK HELP

Instant on-screen explanation.

- Touch Quick Help and then any stitch, icon or function to see its name and explanation printed



QUICK GUIDE

- Everything you need to sew and embroider.

MULTIPLE LIGHT SOURCES

No shadows.

- Rows of light-emitting diodes (LED) over the needle area and over the sewing surface

NEEDLE STOP UP/DOWN

Lighted function button indicates setting.

- Set Needle Stop Up/Down for pivoting, appliqué and more
- Tap foot control or touch function button to move needle up or down at any time

SEE TWIN NEEDLE STITCH ON-SCREEN

See the stitch before you sew.

- Ultimate Interactive Screen shows you, in actual size, how your stitch will look when sewn with your selected twin needle size

FILE MANAGER

Organize your designs and stitches.

- Set up files and folders for your designs, fonts, customized design combinations, favorite stitches, and stitch programs
- Create, copy, move, replace, or delete a file or folder

Designer Ruby™

Innovation to Inspire

DESIGNED AND ENGINEERED IN SWEDEN

- HUSQVARNA VIKING® brand has engineered and manufactured superior quality sewing machines with cutting-edge technology for over 135 years

DESIGN POSITIONING

- Match your embroideries perfectly every time
- Design Positioning Wizard makes it so easy

RESIZE

Enlarge or reduce an embroidery design to the exact size you need.

- Recalculates the number of stitches so the new size embroidery has best density
- Choose Retain Fill Type and keep the original fills as the design is resized
- Reduce an embroidery design five times smaller or increase up to eight times larger than the original design

TOP AND BOBBIN THREAD SENSOR WITH ALERT SOUND

No need to check top or bobbin thread when sewing or embroidering.

- Stops sewing and alerts you with sound when your top or bobbin thread runs low or breaks

UPDATEABILITY

Your machine is always new.

- Update your machine with latest software via Internet
- Choose to update software only and/or restore to original default settings

DESIGNER TOOLS

New ways to enhance your embroidery experience and make it easier than ever.

DESIGN SELECT

Quickly select one or many embroideries for editing and personalization

ADD/REMOVE SELECTION

Select designs on screen for editing

TOUCH & HOLD OR DOUBLE CLICK

or easy loading of designs

DUPLICATE DESIGNS

Touch & Hold to select the exact number of copies in programming or embroidery

SPECIALTY STITCH MENUS

Select a stitch menu or scroll all menus.

A Utility

Stitches for all of your everyday sewing

B Buttonhole

Perfectly Balanced Buttonholes with Sensor One-Step Buttonhole Foot

C Pictograms

Satin elements for original decorative stitches and Pictogram embroidery

D Heirloom

Including hemstitching, smocking and heirloom stitches for lace and trims

E Quilt

For all types of quilting techniques

F Appliqué

For appliqué, tapering and embellishing

G Children

Novelty and decorative stitches, doll face features and more

H Scallop

Large Omnimotion scallops and small, dainty scallops

J Vintage Stitches

Create a hand-sewn look on garments, gifts and crafts

K Omnimotion

Side-motion feeding creates wide decorative stitches and scallops

L Decorative

Embellish garments and projects

M Crafting

Fun stitches for crafting

N Fashion

Add fashion detail to clothing and accessories

S 4-Way Stitches

Sew around patches and appliqués without turning the fabric

T 8-Way Stitches

Create large decorative borders and embellishments

U My Stitches

Save adjusted stitches or programs to sew them again

X Specialty Stitches

Special stitches for candlewicking, edge stitching and more

Z Decorative

Tapering Stitches

Special stitches for creating angled finishes of stitches.



Designer Ruby™

Plus all your HUSQVARNA VIKING® Favorites

- Two USB Ports
- Separate bobbin winding motor
- Wind bobbins from the needle
- Brings up bobbin thread automatically
- Selective Thread Cutter
- Sew without foot control
- Electronic Self-Adjusting Thread Tension
- Horizontal and Vertical Thread delivery with two Built-in Spool Pins
- Easy Threading
- Jam-Proof Rotary Hook
- Permanently Lubricated
- Snap Off and On Presser Feet
- Mirror Image Side-to-Side
- Mirror Image End-to-End
- Ergonomic Design
- Lightweight, one-piece aluminum casting
- Slide-on accessory tray
- Electronic Power/Speed Control
- USB Cable for PC Connection
- Automatic Feed Teeth Drop
- Adjustable embroidery and sewing speed
- Alarm repeat
- Perfectly Balanced Buttonholes with Sensor One-Step Buttonhole Foot
- FIX Function
- STOP Function
- Instant and Permanent Reverse
- Twin Needle Safety Stitch Width Safety
- Stitch Density Adjustment
- Easy Programming
- 29 Needle Positions
- Adjustable Stitch Length
- Adjustable Stitch Width
- Color Edit
- Grid Selection
- Move Design in Hoop
- Zoom In and Out
- Pan
- Scale
- Rotate in 1 degree increments
- 1 GB HUSQVARNA VIKING® USB Embroidery Stick
- Embroidery Timer
- Embroidery time by color
- Multi-Format Designs
- Baste in Hoop
- Easy One-Color Embroidery
- Decorative Stitches in the Hoop
- Go to exact embroidery stitch number
- Bobbin Position
- Park Position

5D™ ORGANIZER and 5D™ QUICKFONT software included

- Communicate from your PC to DESIGNER DIAMOND™ sewing machine
- Organize your designs, add trim commands, create image files, print catalogs and more
- Convert any True Type font from your computer to an embroidery font.

OPTIONAL HUSQVARNA VIKING® 5D™ EMBROIDERY SOFTWARE

- HUSQVARNA VIKING® 5D™ software adds a whole new dimension to your personal embroidery.
- The ultimate software system for embroidery freedom!

www.myembroideries.com

Thousands of designs available anytime with just a click on your computer.

- Order designs at your local HUSQVARNA VIKING® dealer
- Download designs from the Internet anytime, day or night

