


Designer Diamond™

Features & Benefits





ULTIMATE INTERACTIVE SCREEN

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

- Largest (174 x 104 mm, 8" diagonal measurement) full-color TFT, wide VGA touch screen with highest resolution in the industry (800 x 480)
- Clear text and realistic 3D 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 full screen in 3D

LARGE EXTENDED SEWING SURFACE

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

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

LARGE EMBROIDERY AREA

Create and embroider designs larger than ever before!

- Largest embroidery area in the home sewing industry
- Most HUSQVARNA VIKING® hoops can be used!
- Many new hoop sizes available

THREE EMBROIDERY HOOPS INCLUDED

- DESIGNER™ Splendid Square Hoop for designs up to 120 x 120 mm
- DESIGNER™ Crown Hoop for designs up to 260 x 200 mm
- DESIGNER™ Royal Hoop for designs up to 360 mm x 200 mm

DESIGNER™ MAJESTIC HOOP (OPTIONAL)

Embroider magnificent 360 x 350 mm designs in one hooping.

OPTIONAL HOOPS AVAILABLE AS ACCESSORIES

- Mini Spring Hoop
- Round Spring Hoop
- Mid-Size Hoop
- Endless Embroidery Hoop
- Do-All Quilter's Hoop
- 5 x 7 Hoop
- Standard Hoop
- Large Hoop
- Air Ease Hoop
- DESIGNER™ Majestic Hoop



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 positions: down, pivot, up, extra lift

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® FEATURE

Enter the type of fabric and the sewing technique and the exclusive SEWING ADVISOR® feature instantly sets the DESIGNER DIAMOND™ sewing 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
- Touch extended SEWING ADVISOR® feature for more fabric and technique information

EXCLUSIVE HUSQVARNA VIKING® EMBROIDERY ADVISOR™ FEATURE

Beautiful embroidery results!

- Enter the type and weight of fabric you will embroider
- Recommends needle, stabilizer, top and bobbin thread
- Includes suggestions for embroidering with specialty fabrics and specialty threads

STEP-SAVER OPERATING SYSTEM

Quickly select your functions and settings.

- User-friendly Swedish design means fewer steps

QUICK HELP

Instant on-screen explanation.

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

TWO QUICK GUIDES

Everything you need to sew and embroider.

- One just for sewing and one just for embroidery
- Store under your machine for handy quick reference

SMART SAVE

Remembers your place in embroidery.

- Save your embroidery with all adjustments when you stop embroidering or before power is turned off
- Choose to automatically save every 200 stitches

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

ADJUSTABLE E LIGHT™ SYSTEM

Set machine lighting for your sewing environment.

- Optimum light for sewing
- See fabric and stitches in true color
- Rows of light emitting diodes (LED) eliminate shadows
- Adjust intensity and color tone of light

BUILT-IN ACCESSORY TRAY ON EMBROIDERY UNIT

Everything you need for embroidery at your fingertips.

EXCLUSIVE DESIGNER DIAMOND™ EMBROIDERY UNIT BAG

Easy carrying and storage.

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
- Store up to 8 MB

EDUCATION PACKAGE

Quickly get to know your new HUSQVARNA VIKING® DESIGNER DIAMOND™ sewing and embroidery machine.

- HUSQVARNA VIKING® DESIGNER DIAMOND™ User's Guide gives complete illustrated information on how to use your DESIGNER DIAMOND™ sewing and embroidery machine
- Two Quick Guides, one for sewing and one for embroidery, help you learn the icons and buttons on your DESIGNER DIAMOND™ sewing and embroidery machine
- HUSQVARNA VIKING® Accessory User's Guide includes instructions for over 60 accessories to make specialty technique sewing faster and easier
- "DESIGNER DIAMOND™ Techniques – A Step-by-Step Handbook" is available through your local HUSQVARNA VIKING® Dealer



DESIGNED AND ENGINEERED IN SWEDEN

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

TOP AND BOBBIN THREAD SENSOR WITH ALERT LIGHTS AND SOUND

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

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

DESIGNER DIAMOND™ ILLUMINATION

Sleek, light-enhanced contemporary design.

- Illuminated stylus holder
- Illuminated top thread area
- Illuminated function buttons

DESIGNER™ DELUXE SELECTION

Endless opportunities to be creative.

- Over 1100 stitches with more than 100 brand new stitches
- Over 325 embroidery designs with more than 150 NEW embroideries in the DESIGNER DIAMOND™ sewing and embroidery machine memory

17 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 stitches and more... |

ALPHABETS

- Programmable built-in letters and numbers
- Label and date, embellish and create with built-in lettering
- Unlimited embroidery fonts with 4D™ QuickFont

DESIGNS INCLUDED

- More than 325 beautiful designs in different sizes
- More than 150 beautiful designs are loaded in your DESIGNER DIAMOND™ sewing and embroidery machine
- More designs on the 1 GB HUSQVARNA VIKING® USB Embroidery Stick
- Embroidery Sampler CD includes over 175 classic embroideries plus back-up files for all pre-loaded designs
- Embroidery Booklet pictures most of the new DESIGNER DIAMOND™ sewing and embroidery machine designs in actual size
- All designs include Automatic Jump Stitch Trims

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 DELUXE TOOLS

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

DESIGN POSITIONING

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

DESIGN SHAPING

- Create new embroideries using any stitch and/or embroidery designs

COLOR BLOCK SORT

- Intelligently eliminates extra color changes

COLOR BLOCK MERGE

- Eliminate color stops in large or combined designs

DESIGN SELECT

- Quickly select one or many embroideries for editing and personalization

GROUP AND UNGROUP

- Quickly select or deselect multiple embroidery designs with a touch to Resize, Rotate, Scale or personalize

ADD /REMOVE SELECTION

- Create a group of selected designs on screen for editing

TOUCH & HOLD OR DOUBLE CLICK

- For easy loading of designs

MY HOOPS

- Create a list of your own hoops for quick and easy selection

DUPLICATE DESIGNS

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

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

PLUS ALL YOUR HUSQVARNA VIKING® FAVORITES

- | | | |
|--|---|---|
| - Two USB Ports | - Lightweight, one-piece aluminum casting | - Adjustable Stitch Width |
| - Separate bobbin winding motor | - Foot control with self-winding cord | - Color Edit |
| - Wind bobbins from the needle | - Slide-on accessory tray | - Change 3D Background Color |
| - Brings up bobbin thread automatically | - Electronic Power/Speed Control | - Grid Selection |
| - Selective Thread Cutter | - USB Cable for PC Connection | - Move Design in Hoop |
| - Sew without foot control | - Automatic Feed Teeth Drop | - Zoom In and Out |
| - Electronic Self-Adjusting Thread Tension | - Adjustable embroidery and sewing speed | - Pan |
| - Horizontal and Vertical Thread Delivery with Two Built-in Spool Pins | - Alarm Repeat | - Scale |
| - Easy Threading | - Perfectly Balanced Buttonholes with Sensor One-Step Buttonhole Foot | - Rotate in 1 degree increments |
| - Jam-Proof Rotary Hook | - FIX Function | - 1 GB HUSQVARNA VIKING® USB Embroidery Stick |
| - Permanently Lubricated | - STOP Function | - Embroidery Timer |
| - Snap Off and On Presser Feet | - Instant and Permanent Reverse | - Embroidery time by color |
| - Mirror Image Side-to-Side | - Stitch Re-Start | - Multi-Format Designs |
| - Mirror Image End-to-End | - Twin Needle Safety | - Baste in Hoop |
| - Personalize Your Information | - Stitch Width Safety | - Easy One-Color Embroidery |
| - Screen Saver | - Density Adjustment | - Decorative Stitches in the Hoop |
| - Ergonomic Design | - Easy Programming | - Go to exact embroidery stitch number |
| | - 29 Needle Positions | - Bobbin Position |
| | - Adjustable Stitch Length | - Park Position |
| | | - Starter Kit |

4D™ ORGANIZER

Included.

- Communicate from your PC to DESIGNER DIAMOND™ sewing machine
- Organize your designs, add trim commands, create image files, print catalogs and more

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

OPTIONAL HUSQVARNA VIKING® 4D™ EMBROIDERY SOFTWARE

- Choose from the most exciting embroidery software for the home sewer
- Purchase all at once or program-by-program
- HUSQVARNA VIKING® 4D™ Software lets your creativity flourish

