

# ***The Embroidery System***

## ***VIP Professional***

### ***Features & Benefits***

- **Nine different programs.** Husqvarna Viking Professional Embroidery System version 6.0 includes Customizing Plus, Disk Manager, Reader/Writer, d-Card Reader/Writer, Digitizing Plus, Stitch Editor Plus, Design Splitter, Color PictureStitch™ and ReSize Plus. Previously, the range and possibilities of these top-of-the-line programs were only offered to professional embroidery manufacturers
- **Bonus programs.** Includes Bonus Pack with Husqvarna Viking Cross Stitcher and free Design Cards, also Husqvarna Viking QuickFont Plus™ to convert fonts on your computer to embroidery.
- **Create designs** with Digitizing Plus and Color PictureStitch™. **Combine, add lettering and ColorSort** with Customizing Plus. **Resize and edit** with ReSize Plus and Stitch Editor Plus.
- **Multi-format.** View designs by thumbnail images, load and save in all major embroidery file formats\*:

File types loaded

Brother/Babylock/Bernina PEC (.pec), Brother/Babylock/Bernina PES (.pes version 2,3,4), Compucon/Singer PSW (.xxx), Husqvarna Viking / Pfaff (.vip), Husqvarna (.hus), Janome (.sew), Melco (.exp), Pfaff (.pcs), Tajima (.dst), and Toyota (.10\*).

File types saved

Brother/Babylock/Bernina PEC (.pec), Brother/Babylock/Bernina PES (.pes version 2), Compucon/Singer PSW (.xxx), Husqvarna Viking / Pfaff (.vip), Husqvarna (.hus), Janome (.sew), Melco (.exp), Pfaff (.pcs), Tajima (.dst), and Toyota (.10\*)

\*Color PictureStitch and Digitizing Plus save stitch files only. They load the following picture file formats: Bitmap (.bmp), JPEG (.jpg), PCX (.pcx), Photoshop (.psd), Adobe Encapsulated PostScript (.eps), Kodak Photo CD (.pcd), Tiff (.tif), PNG (.png), Windows Metafiles (.wmf), Enhanced Metafiles (.emf).

- **Select your favorite colors.** Choose actual thread shades from any of 9 thread databases: Sulky Rayon, Alcazar Rayon, R-A Rayon, Madeira Rayon, Isafil Rayon, Stickma Poly, R-A Poly, Madeira Poly, Isacord Poly. Adjust up to 60 colors in any design. Store the color information in your .vip files, or export to your preferred format.
- **Print designs.** Print designs with their color information, dimensions, technical info and notes for a useful Design Worksheet.
- **Quick 3D with changeable background.** See designs in your chosen thread shades in three-dimensional stitches and set at "Real Size". The 3D background texture is colored as set in VIP Configure.
- **Move designs** between each program in the Professional System, using the Application Bar and the Cut, Copy and Paste features
- **Unlimited hoop sizes.** Set the hoop size as desired in all programs
- **Customize the screen.** Set your screen background and grid to any color in the 16-million Windows color palette; alter grid size, too. Move icons between toolbars.

Change the size of icons to make them easier to see. Cool look icons for the most up-to-date screen.

- **Help** is always at hand. Guidance includes context-sensitive online help, tool tips, pop-up help, user's guides, personal tutor and interactive training exercises

## Customizing Plus

**See your embroideries before you sew.** Work with your designs on the computer – you can Rotate to any degree, Mirror from side to side or end to end and Scale designs. Adjust the colors to the thread shades from your preferred manufacturer, then Combine with Lettering or Shapes. ColorSort to reduce the number of thread changes in your Design, and View before stitching in Quick 3D.

**Unlimited hoop sizes.** Select hoop size or create your own size. See designs at their Real Size, and Save Customized designs in the desired hoop size. Special Hoop Settings are included for Plus Hoop and Mega Hoop, so you can split lettering and designs into three different positions.

**ColorSort your designs!** Reduce the number of thread changes in your design with the intelligent ColorSort feature.

**Add notes and search for designs.** Store up to 1000 characters of notes for your .vip designs. Search for key words in the notes or design name to choose designs. Read in notes from your .hus, .pcs and .pes designs, too.

## Work with Designs

*Rotate, Mirror and Scale.* Rotate designs by any degree, mirror designs end to end or side to side, and enlarge or reduce a design by 20%.

*Move and Combine Designs.* Move any embroidery at the arrow position. Use the Shift key to select the design underneath. Combine an unlimited number of Designs, Monograms and Shapes.

*Zoom.* Enlarge an area up to 800% for ease of Customizing. Zoom to Fit adjusts the design to the available screen area or view at Real Size for lifelike accuracy.

*Center Design.* Places the start point at the center of the design for consistent rotating or mirroring.

*Undo.* Go back one step in the design process.

*Quick Shortcut menu.* Right click for frequently used functions.

**Add Lettering and Shapes.** Stitch count and density settings are adjusted instantly for flawless lettering and shapes. Accurately set the desired height and width of any letters. Each font is designed for a certain size range, with two levels of Underlay or packing stitches where appropriate. Fonts with underlay are particularly good for knitwear and heavier fabrics. Special curve routines drop stitches around curves for good results with all sizes. Choose from 12 Fill Patterns to texture large letters.

## 35 Fonts

Bamboo UC 10-35mm

Baseball UC 20-50mm (Underlay 2)

Celtic UC 6-35mm

Daisy 2C UC 25-65mm

Gaelic 2C UC 25-40mm

Block 6-15mm

(& Block NP 6-15mm)

Block 8-20mm (Underlay 1)

Block 15-50mm (Underlay 2)

Brush Block 2C UC 12-30mm (Underlay 1)

Galleria UC 16-60mm

Greek 10-40mm

Hebrew 10-40mm

Italic 7-40mm

Kids 10-50mm (Underlay 1)

Legal 6-40mm

Line Script 4-20mm

Line Block 3-20mm

Lombard 7-30mm

Miami 12-40mm

Old English 14-50mm

Primrose 2C UC 25-65mm

Ribbon 2C UC 25-40mm

Romana 14-50mm

Script 7-20mm

Script 15-35mm (Underlay 1)

Skott UC 8-40mm

Thor UC 15-40mm

Times 7-15mm

Times 9-20mm (Underlay 1)

Times 15-50mm (Underlay 2)

Tital 9-40mm

Vine 2C UC 25-40mm

Western UC 10-35mm

\*UC = upper case only; 2C = two-color

175 *Special Shapes*: Shapes 1 Borders 1 Buttonholes 1 Corners 1 Frames 1 Frames 2 Music 1

*Two-color Lettering*. Stylish two-color monograms are easy with the special Two-Color Fonts (Brush Block, Daisy, Gaelic, Primrose, Ribbon, Vine).

*Line Types*. Lettering and monograms can be placed in many different shapes; for example, Circle, Diamond or Double Arch.

*Insert Multiple*. Add any number of words or shapes to a design with the Insert Multiple feature. They can be adjusted as separate designs with stitch density control until saved.

*Automatic Kerning*. Accurately determines the best spacing between letters and positions them with precision.

*Nearest Point Joining*. Letters are connected at the closest point for faster stitching. No need to trim between letters, so you can work quickly and efficiently.

**Printing**. Print a design worksheet in color to use as a sewing guide and as a template for placing embroideries on garments.

**Sample Designs**. Over 120 sample embroideries are included to get you started with VIP Customizing.

**Batch Conversion**. The VIP Conversion program is a utility included with your Customizing System. Use it to convert all your embroidery files, storing their colors in your preferred thread manufacturer's shades and reading in the notes so you can search your computer for designs.

## Disk Manager

- Save designs onto a floppy disk for the Husqvarna Viking Designer I
- Load designs and/or monograms (stitch files) in all major formats and send to a Designer I disk
- Use 4 menus of up to 36 designs. Choose from menu sizes of 6, 9, 12, 16, 25 or 36
- Quick 3DStitch™ View. See your designs in 3D
- Drag and drop up to 36 stitch files from Windows Explorer
- Cut, Copy and Paste. Move Stitch Files on the clipboard between your Husqvarna Viking programs
- Read in files from embroidery design disk and save in all major formats
- Save a whole disk automatically. Save designs individually or a whole disk at once
- Catalog print up to 144 stitch files at a time with their names

## d-Card Reader/Writer

- Save designs onto a Personal d-Card for the Husqvarna Viking Designer II
- Load designs and/or monograms (stitch files) in all major formats and send to a Designer II Personal d-Card
- Use 4 menus of up to 35 designs. Choose from menu sizes of 8, 15, 24, 30 or 35
- Quick 3DStitch™ View. See your designs in 3D
- Drag and drop up to 35 stitch files from Windows Explorer
- Cut, Copy and Paste. Move Stitch Files on the clipboard between your Husqvarna Viking programs
- Read in files from Embroidery d-Card and save in all major formats
- Save a whole disk automatically. Save designs individually or a whole disk at once
- Catalog print up to 35 stitch files at a time with their names; print a Label too

## Reader/Writer

- Move up to 35 designs and/or monograms (stitch files) at a time in all major formats to and from a programmable embroidery card for the Husqvarna Viking Rose, #1+ / Orchidea
- Quick 3DStitch™ View. See your designs in 3D
- Drag and drop up to 35 stitch files from Windows Explorer
- Cut, Copy and Paste. Move Stitch Files on the clipboard between your Husqvarna Viking programs
- Read in files from embroidery card and save in all major formats
- Save a whole card automatically. Save designs individually or a whole menu at once
- Catalog print up to 35 stitch files at a time with their names

## Digitizing Plus

**Create beautiful embroideries from your favorite pictures.** Work with images from your scanner or digital camera, use clip-art or create your own pictures with the built-in Drawing Tools, Text and MiniPics. The stitches appear as you create the design - it's all so easy with Husqvarna Viking Digitizing Plus. Use the QuickStitch and QuickTrace features to create an embroidery with just a few clicks, or the FreeHand functions for complete control. With three windows, one for altering the Picture, one for Creating stitches and one for Editing your design, you can always focus on the current task.

### Create the perfect picture...

*Drawing Tools and Lettering.* Draw Lines, Squares or Rectangles, Circles or Ellipses in any color with varying line thickness, foreground and background colors. Add text using any TrueType font on your computer. Load MiniPics to build up a Picture in the Image Window. 50 MiniPics in two sizes are included with your Embroidery System VIP Digitizing.

*Edit Images.* Crop and remove pieces from the picture, for example the background. Enlarge, reduce, copy, cut, or paste all or parts of your design. Rotate part or all of the picture to any degree. Mirror from side to side or end to end.

*Improve Images.* Scanned pictures often have slight blemishes. With the Filters, improve such pictures to make a clean image for the QuickStitch features. The Despeckle filter removes color areas that have only a few pixels. Expander thickens lines to make them more suitable for the Trace features. Use the Monochrome filter to change selected areas or whole images to solid black and white, then alter colors as desired. The Outline filter separates color areas, which can then be changed to different colors.

### Transform the picture into stitches with QuickStitch features...

*QuickStitch Fill with Holes.* Click in an area of the picture and the stitches appear with your choice of 108 fill patterns, including 'fancy fills' with needle point patterns. The program automatically recognizes up to nine 'holes' within the area, and no stitching will be placed in the holes. Include a satin stitch border if you wish, and set the angle of stitching to any degree. Choose from stitch density 2 to 15. If you prefer to insert holes where you choose, use the QuickStitch Fill with Border and QuickStitch Hole features. Click in stippled color areas as well as solid areas for easy digitizing. A QuickStitch Tie-Off Up is placed automatically after every QuickStitch Fill Area.

*QuickStitch Double Trace (Patent Pending).* Click on a line and two lines of running stitch are automatically produced following the selected continuous line, for example to outline or mark out a design area. Choose from stitch length 2mm to 6mm in 0.1mm increments for the individual stitches.

*QuickStitch Quadruple Trace (Patent Pending).* Create beautiful quilting embroideries with this feature - click on a line and four lines of running stitch are automatically produced following the selected continuous line. Choose from stitch length 2mm to 6mm in 0.1mm increments for the individual stitches.

*QuickStitch Running, Double, Triple Stitch.* Click in an area to outline it automatically with running, double or triple stitch. Use for stabilizing, markouts and quilting designs; choose from 2 to 6 mm length in 0.1mm increments.

*QuickStitch Border.* Click in an area to create a satin border with any combination of straight lines and curves automatically; select 1 to 12mm for the border width.

*QuickStitch Appliqué.* Click in an area to create an appliqué automatically. The feature makes an outline of Double stitch to secure the applique fabric, followed by a Stop command so fabric can be trimmed away, finishing with a Satin Border.

*QuickStitch Tie-Off.* Choose from 5 tie-offs without having to place the points.

### Freehand Features for precise control...

*Freehand Fill with Holes.* Place points around an area of the picture and the stitches appear with your choice of 108 fill patterns. Include a satin stitch border if you wish, and set the angle of stitching to any degree. Choose from stitch density 2 to 15. Insert holes where you choose within the fill area.

*Satin Areas.* Choose running, satin or column fill rings as well as straight, curved, or borders of satin stitch for extra creativity

*Column Fill.* Turn satin columns into one of 12 fill patterns with simple on-screen editing.

*Feathered Satin.* Texture both edges of a satin stitch for special embroidery effects on fur or flowers. Choose to texture only the top or bottom of the satin stitch.

*Single, Running, Double and Triple Stitch.* Add individual stitches from 2 to 12mm in length and straight or curved lines of running, double and triple stitch from 2 to 6mm in 0.1mm increments. You can even create a running stitch ring.

### **Edit your design**

*Undo.* Go back up to 10 steps in either or both of the image or stitch creation processes.

*Redo.* Redo one step in Create or Edit Windows.

*Edit areas.* Change any part of a design in the Edit Window. You can change the colors, pattern, density, angle and so on, then click the Create Window to see the results in stitches immediately.

*Insert and delete objects.* Add and remove new stitch areas, color changes and stops for appliqué or foam designs.

*Insert and delete points.* Add and remove design outline points in Fill Areas, Borders or Stitch Lines.

*View Color Layers and Object Types.* View by selected color layers or view by object type (stitch, satin or fill). Choose to view any combination of colors or object types within the design for ease of editing.

*Zoom.* Enlarge an area up to 800% for ease of designing. Zoom to Fit adjusts the design to the available screen area. Use pan mode to move easily around the design while magnification is increased.

### **New Features in Digitizing version 6.2**

#### *New Fill Properties*

Use gradient density to alter density gradually from 2 to 15 across a fill area, producing beautiful shading effects. With multi-gradient density, choose up to 10 different densities within an area. Type in the desired fill pattern number, as an alternative to selecting with the mouse and slider bar. Now use full 360 degree rotation for fill patterns; patterns such as 22 (arrows) benefit from a full choice of angle. Automatic Underlay is available - choose from low, medium or high.

#### *Constant-width Quick Trace Satin*

Add intricate Satin Borders with just a few clicks. Click on a continuous line and Satin Borders are automatically produced following the selected line. Set to any width from 1 to 12mm.

#### *Color Tolerance*

Fill, Border or trace across shaded or varied color areas. Select parts of an image for filling or tracing according to how similar they are to the chosen color. Color Tolerance is available for all the QuickStitch™ Fill, Border and QuickTrace functions.

#### *Editing Features*

Select Blocks easily: Step through designs by using slider bars from beginning or end of design. Choose sections of your design by block, color, polygon or freehand select. Cut, Copy, Paste and Move areas. Resize areas with automatic stitch density adjustment. Mirror design areas Horizontally or Vertically and Rotate to any degree. Insert Designs from Can File Viewer.

## Stitch Editor Plus

**Adjust your designs to create new embroideries!** Work with sections of designs or whole designs, split designs to fit in your preferred hoop size, PatternMake designs, and so much more.

**Manage colors.** Rearrange color blocks in your designs with the Color Block Configuration window. Move colors up or down, merge color blocks and reduce the number of thread changes in your design with the intelligent ColorSort feature.

**Add beautiful patterns to your embroideries.** Turn a flat embroidered leaf into a three dimensional masterpiece by inserting needle points along a line or curve to create beautiful veins. PatternMake™ with your choice of over 200 stamps as a single stamp, along a line or over a large area of your design. Two sizes are available for each stamp, too. Change the angle of the stamp as desired and preview the results in a helpful display box. Automatically remove needle points to create a blank canvas for your new patterns. *Stamp Categories:* Climate, Games, Miscellaneous 1-4, Monogram 1, Monogram 2, People, Plants

**Split designs.** Split larger designs for use in smaller hoops using the Design Splitter feature. Decide where you want the cut with a polygon select tool, then the design is instantly split into two. Color blocks are maintained so both halves of the design look the same, and jump stitches are minimized.

**Select Stitches.** Step through designs by using slider bars from beginning or end of design (mimics the stitching of the machine). Choose stitches by block, color, polygon or freehand select to work with specific stitches. Display only the desired colors with a simple click of the mouse to turn the color off or on. Set the needle penetration points on to see the points where the needle will penetrate the fabric. Set the stitch points off to see the design only.

### Modify Sections of a Design

*Rotate, Mirror, Scale.* Change a block of stitches by rotating to any degree, mirroring side to side or end to end or scaling proportionally or stretching the height or width. Click and drag, or type in new angle and scale values. Simply click and drag to change the center of rotation.

*Cut, Copy, Paste.* Cut or copy sections of a design to create a new embroidery. Use the handy clipboard to remind you of the block available, then paste it into another design.

*Move, Insert, Remove.* Choose any stitch to manipulate, or add stitches to your design.

### Make technical changes

*Automatic Center.* Click a button to center any design.

*Co-ordinates.* Switch between absolute and relative co-ordinates to see the precise placement of stitches or commands within the design.

*Add / Delete Embroidery Commands.* Add or delete color changes, stops or trim commands.

*Break up Stitches.* For long stitches or scaled designs, break up stitches into smaller lengths.

*Compensation.* Make a whole design or areas within it 'bolder' by increasing their relative size. This allows for the effects of stitches' tendency to pull in, which varies according to fabric weight and type.

**Brand-new Interface.** Uses a tabbed MDI interface to load many stitch files simultaneously in different windows – simply click on the tab for the design you wish to work with. You can also arrange designs by tiling horizontally or vertically, or cascading. Icons are grouped together for ease of use on function-specific panels to the right of the program.

### Design Splitter utility included!

Unique Design Splitter utility program allows you to cut up large designs especially for use in the Husqvarna Viking Plus Hoop for Rose and #1+/Orchidea embroidery machines. Simply load a design, move it to the position you want and it can be cut automatically. Or place a straight or polygon cut like wherever you prefer, to split patterns or color blocks as you wish. After splitting, the designs are saved automatically so they can be loaded into your VIP Customizing program in the correct positions.

## Color PictureStitch™

**Embroider unique greeting cards, family quilts, framed portraits and much more using photos from your own family albums.** After scanning a photo on your computer or using a digital camera, with a few clicks you can turn pictures into attractive designs to stitch out on your embroidery machine. Use Monochrome Mode for a single-color effect, or Color Mode to create a full-color embroidery with only four colors!

### Edit Your Photo

Create perfect embroidery images with the picture retouching options  
Crop and remove pieces from the picture, for example the background  
Enlarge, reduce, copy, cut, or paste parts or all of your design  
Rotate and mirror too!

Adjust the contrast, brightness and sharpness to perfection, with a Preview window to show the changes while you are working  
Zoom in or out to see parts of your design when editing

### Adjust your stitch file

*Scan Depth.* This setting allows you to alter the amount of detail shown in the design.

*Thread Contrast.* Change the range of shading within the embroidery for each color used.

*Density.* In Monochrome Mode, adjust density depending on the fabric and machine.

### Add to the Picture

Select any TrueType font on your computer and add text to your design  
Embroider a rectangular or oval frame in any shape around it

## ReSize Plus

**Increase or decrease the size of an embroidery design – keeping the stitch density constant while changing the stitch count to accommodate the new size.** Using advanced stitch to object technology (UK Patent 9921013.0 pending), ReSize Plus allows you to reshape the embroidery to add interest to the design.

### Adjust your design

*Alter fill patterns.* Add up to 108 different fill patterns within any design. Alter the angle of stitching if desired.

*Adjust density.* Alter stitching density to create precision for the embroidery.

*Add compensation.* Make areas bolder to adjust for pulling of stitches on different fabrics.

*Change stitch length.* Alter Running Stitch length from 2 to 6mm.

*Alter border width.* Adjust the width of satin borders between 1 and 12mm.

View color layers or view by object to assist in editing.

Zoom in or out to see any part of a design.

### Save designs for Digitizing

Save designs in .can format and then add to them in Digitizing.

Create a background image for the new outline file for ease of defining the design.

## QuickFont Plus™

### Convert TrueType® and OpenType® fonts for your Designer !!

Create a Font Disk for your Husqvarna Viking Designer I embroidery machine from most TrueType® or OpenType® Fonts on your computer. Also save design outline files (.can) and stitch format files (.vip) to use with your VIP Embroidery System Software.

### Five Stitch types

Choose from Satin, Fill, Fill with Satin Border, Satin Border or Appliqué Lettering when you generate the letters.

*Satin:* Flowing satin columns create beautiful lettering. If desired, create satin in one of 12 column fill patterns. Choose from stitch density 4 or 5.

*Fill:* For larger monograms, select from 108 fill patterns, including `fancy fills' with needle point patterns. Set the angle of stitching to any degree, and choose from stitch density 2 to 15.

*Fill with Satin Border:* For larger monograms, select from 108 fill patterns, including `fancy fills' with needle point patterns. Set the angle of stitching to any degree, and choose from stitch density 2 to 15. Outline the letters with a satin border automatically. Select from 1 to 4mm for the border width and choose from stitch density 4 or 5.

*Satin Border:* Create letters outlined by satin borders. Select from 1 to 4mm for the border width and choose from stitch density 4 or 5.

*Appliqué:* Create an appliqué font automatically. Two options are available. Option 1 makes an outline of Double stitch to secure the appliqué fabric, followed by a Stop command so fabric can be trimmed away, finishing with a Satin Border. Option 2 places Running Stitch to show where to place the appliqué, followed by a Stop command so you can position your fabric. This is followed by a Double Stitch outline, Stop Command and Satin Border. Set Running and Double Stitch lengths independently between 1 and 6mm. Select from 1 to 4mm for the border width and choose from stitch density 4 or 5.

## **Cross Stitcher**

**Create your own cross stitch patterns.** Design beautiful cross stitch embroideries with the quality of hand-stitching, and the speed of a machine. Design traditional motifs on the screen or the Cross Stitcher Wizard will create them for you automatically. Add a monogram or lettering for the personal touch.

### **From the computer to the fabric**

Scan in your image, use photos taken with a digital camera or Clip Art. Use the pictures as templates or let the Cross Stitcher Wizard create the design for you automatically. Set the hoop and cross size, choose the desired thread database and the number of colors. With just a few clicks you have a unique cross stitch embroidery.

### **Adapt your art**

Cut, copy and paste sections of your Cross Stitch Design Files. Mirror areas or whole designs horizontally and vertically - even rotate 90 degrees. With multiple Undo and Redo capabilities, editing your design is easy. Zoom into one of six magnifications, or zoom to fit. When your design is ready, just save it in stitches.

### **Designs come to life**

Choose from standard, mini and diagonal crosses plus an outline stitch feature to accentuate your embroidery. Set cross stitch sizes from 1mm to 20mm in length. Select single strand, double strand or triple strand to simulate number of embroidery floss strands for crosses and outlines. Create petit point, needlepoint and traditional Assisi or Blackwork designs.

### **Elegant Cross Stitch lettering**

Personalize table-cloths, napkins, towels and bedclothes with classic cross stitch text. Create samplers or keepsake poems, too. Select any font on your computer. Choose bold or italic options and any letter size for complete freedom while creating. The results are just as beautiful as hand crafted!

### **System Requirements**

PC with Intel Pentium processor or 100% compatible (600MHz recommended)

Windows 95/98/NT/ME/2000

USB or parallel port

16 MB RAM (64MB recommended)

500 MB hard disk space (for full install)

SVGA monitor, 1028 x 764 resolution, high color (16 million colors recommended)

Mouse

CD-Rom or DVD-Rom drive