

3D EMBROIDERY STUDIO

Features & Benefits

Version 1.2; 18 April 2005

Create your personal embroidery vision. Combine and edit an unlimited number of designs and lettering. See them in true 3D on screen in the hoop. 3D Embroidery Studio includes **3D Embroidery**, to personalize and edit your designs, **3D Organizer**, to help you find your designs easily and **3D Vision**, to allow you to view embroideries on real fabrics and garments.

Three machine accessory modules are included; **3D Disk Manager**, **3D d-Card Reader/Writer**, **3D Reader/Writer**.

COMMON FEATURES

- ✓ **Experience 3D reality.** Edit, create and display all designs in true 3D, with ability to zoom in, out, to fit, or real size. There is a textured background for realistic view in most modules (excludes 3D Design Splitter), and you can alter the background color as you please.
- ✓ **Select your favorite colors.** Choose from 19 thread manufacturers and more than 150 thread ranges – over 11,000 threads! Ackerman (Isacord, Isafill, Isalon, Isamet, Yenmet), Arc, Brother, Coats, DMC, Gutermann-Dekor, Janome, Kingstar/Fujix, Madeira, Marathon, Mettler, Radiante, Robison-Anton, Signature, Solar Active, Sulky, Superior, Tire, Yli. You may also design your personal MyThreads palette and even add your own unique threads or those from new manufacturers, including specialty threads. Highlight the selected color in your embroidery by hovering over a color in the worksheet.
- ✓ **View specialty threads never seen on the computer before.** Specialty threads are shown on the computer including metallic, multi-color and varying thicknesses. Multi-color threads include variegated and twisted. 11 thread materials; Cotton, Cotton Mercerized, Fluorescent, Metallic, Metallic Holographic, Metallic Sliver, Metallic Sparkle, Polyester, Rayon, Silk, Wool. 9 thread weights; 12, 18, 25, 30, 35, 40, 50, 60, 80.
- ✓ **Print designs in 3D.** Print designs in 3D realistic thread colors, with their color information, dimensions, technical info and notes. Use the Design Worksheet as a sewing guide and as a template for placing embroideries on garments.
- ✓ **Multi-format.** See thumbnail images of your embroidery files from any drive or folder (excludes 3D PictureStitch). Load and save in all major embroidery file formats¹. Drag and drop embroidery files from Window® Explorer into most modules.
- ✓ **All Modules are fully integrated.** Start all software modules from the integrated QuickLink toolbar.
- ✓ **'Send To' makes it simple.** Two Send To options are included in all modules; the quick and easy way to send an embroidery to your machine.
- ✓ **Modern look and feel.** The 3D Embroidery System uses the features that will be familiar from Microsoft® Office™ XP. 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.

- ✓ **Help is always at hand.** Printed User's Guide and Quick Reference Guides are provided for most modules, together with PDF Reference Guides and extensive program help as well as interactive tutorials.
- ✓ **Smart Update gives you the latest system.** With the click of a button, you can run the System Check to see if any new Fonts, thread tables or any other updates have been released.

3D EMBROIDERY

- ✓ Explore the endless possibilities with embroidery designs on the computer in all actual thread shades before you sew them on your project.
- ✓ Edit your embroideries and Resize with constant density.
- ✓ Rotate, mirror or combine an unlimited number of designs with several different shapes or fonts, including any TrueType® or OpenType® font from your computer.
- ✓ See your machine's actual hoops on the computer, in horizontal or vertical orientation.
- ✓ Over 200 embroideries included.

Designs

- ✓ **Resize embroideries with constant density.** The stitch processor changes the size with changes in stitch count (Patent). Detect and maintain patterns automatically when resizing your embroideries. Alternatively, scale without changing the number of stitches.
- ✓ **Rotate designs to any degree;** simply click and drag to change the center of rotation.
- ✓ **Mirror** from side to side or end to end
- ✓ **Move the selected embroidery** using click and drag or nudge with the arrow keys.
- ✓ **Intelligent ColorSort** reduces the number of thread changes.
- ✓ **Unlimited Undo and Redo**
- ✓ **Full Plus Hoop and Mega Hoop Support.** Load design in correct position; automatically split lettering and groups of designs into three positions.
- ✓ **Notepad records details about a design.** Store thread shades and notes in your .vp3 and .vip format designs. Search for keywords in design name or notes to find designs.
- ✓ **Launch the program by double-clicking on an embroidery file.**
- ✓ **Drag and Drop** as many stitch files as desired from Window® Explorer.
- ✓ **Center Design.** Moves the start and end stitches to the center of the stitch file.

Monogramming

- ✓ **Create your own embroidery fonts from TrueType® and OpenType® fonts on your computer** using the QuickFont Wizard (Patent). You have six stitch types to choose from; Satin, Fill, Fill + Satin Border, Satin Border, Appliqué, and Outline with Running, Double or Triple Stitch. Underlay options for Satin and Fill ensure precise stitching.

- ✓ **77 pre-digitized System Fonts** are designed especially for embroidery. Eight different categories provided; Decorative, Fun, Modern, MultiColor, Nearest Point, Script, Special, Traditional.
- ✓ **Machine or Motif Stitches.** Over 300 machine stitches may be used as special font characters. Also includes a beautiful font of motifs for candlewicking designs.
- ✓ **Line Types.** Lettering is so flexible it can be placed in 21 different 'envelope shapes'; Line Horizontal, Line Vertical, Circle Clockwise, Circle CounterClockwise, 2-line Circle, Double Arch, Diamond, Bridge (Convex curve down, Concave curve down, Convex curve up, Concave curve up), Arch (Over and Under), Fit to Any Shape, Pennant (Right and Left), Fish, Cinema, Italic, Fit to Line/Curve.
- ✓ **Reverse text.** Reverse lettering with the click of a button. Create letters at any angle to a line or curve also (step text feature).
- ✓ **Multi-Color Lettering.** Stylish multi-color monograms are easy with the special Multi-Color Fonts.
- ✓ **Automatic Kerning.** Accurately determine the best spacing between letters and position 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.
- ✓ **Over 350 Special Shapes.** Banners 1, Borders 1&2, Buttonholes 1&2, Cartoons 1, Corners 1&2, Flowers 1, Frames 1,2,3, Home 1, Music 1&2, Scallops 1, Shapes 1&2, Sport Symbols 1, Stars 1, Wreath 1.
- ✓ **Stitch Types.** Change satin and fill options, such as patterns and density on your predigitized System fonts and shapes as well as QuickFonts. Choose from 108 different Fill Patterns and 12 Satin Patterns.

Editing

- ✓ **Alter part of an embroidery using the easy editing features.**
- ✓ **Manage colors.** Move colors up or down and merge color blocks. Add a color change, too.
- ✓ **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, 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.
- ✓ **Rotate Mirror, Scale and Resize.** Change a block of stitches by rotating to any degree. Simply click and drag to change the center of rotation. Mirror side to side or end to end. Scale proportionally or stretching the height or width, or Resize with constant density.
- ✓ **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. Delete stitches if desired.

3D ORGANIZER

- ✓ **Find your designs and pictures easily.** Browse your embroideries and pictures in zip files, folders or via Search. Choose from 5 sizes of thumbnail image to display your designs best, or view at real size.
- ✓ **Sort** by Name, Size, Stitch Count, Number of Colors, Date Modified and so on.
- ✓ **Print a 3D design worksheet or catalog;** place 4, 8 or 32 on each A4/letter size page. A Table of Contents is automatically created to look up your embroideries.
- ✓ **Convert embroideries** between all major formats; convert embroideries from .zip files too! Select multiple designs and formats at once for batch conversion. Even change embroideries to show threads from your desired thread manufacturer.
- ✓ **Convert designs to images;** thumbnail or real size. Convert images, too. Simply click to make your favorite design into desktop wallpaper for your computer.
- ✓ **Create a personal HTML catalog of your designs.** With just a few clicks, you can create a gallery of your selected embroideries. Make thumbnail images and large-scale 'close-up' pages for your designs. Choose from 150 styles for your personal website of designs.

3D VISION

- ✓ **View embroideries on real fabrics and garments.** Over 100 fabric backgrounds and over 300 garment backgrounds included. Use a Wizard to add your own real-size backgrounds.
- ✓ **Adjust your embroidery.** Change colors, copy and paste, mirror, rotate and move using click and drag or nudge with the arrow keys.
- ✓ **View decorations on your embroidery;** appliqué fabrics, beads and sequins.
- ✓ **700 bead images included;** Bugle (Plain and Twisted four orientations), Crystal, Nailhead, Pearl, Seed (four orientations), Sequins (Cup, Flat, Flower, Heart, Snowflake, Star).
- ✓ **Print in 3D on your background** as a real-size template or zoom to fit; save picture of your embroidery and background
- ✓ **See threads change colors!** With the glow mode, Solar Active and Glow in the Dark threads are actually alter on the computer screen.

3D DISK MANAGER

- ✓ Manage designs on floppy disk for the Husqvarna Viking Designer I. Load embroideries in all major formats and send to disk. Use 4 menus of up to 36 designs. Choose from menu sizes of 6, 9, 12, 16, 25 or 36. Save a whole disk to your computer automatically. Catalog print up to 144 stitch files in 2D.

3D D-CARD READER/WRITER

- ✓ Manage designs on d-Cards for the Husqvarna Viking Designer II. Load embroideries in all major formats and send to a Personal d-Card. Use 4 menus of up to 35 designs. Choose from menu sizes of 8, 15, 24, 30 or 35. Save a whole d-Card to your computer automatically. Catalog print up to 35 stitch files in 2D; print a label too.

3D READER/WRITER

- ✓ Manage designs on embroidery cards for the Husqvarna Viking Rose, Iris, #1+/Orchidea. Load embroideries in all major formats and send to a programmable embroidery card. Save a whole embroidery card to your computer automatically. Catalog print up to 35 stitch files in 2D.

* File types loaded:

Brother/Babylock/Bernina PEC (.pec), Brother/Babylock/Bernina PES (.pes ver. 2-6), Compucon/Singer PSW (.xxx), Husqvarna Viking/Pfaff (.vip, .vp3), Husqvarna (.hus, .shv, .dhv), Janome (.jef, .sew), Melco (.exp), Pfaff (.pcs), Tajima (.dst), and Toyota (.10*)

File types saved:

Brother/Babylock/Bernina PEC (.pec), Brother/Babylock/Bernina PES (.pes ver 5), Compucon/Singer PSW (.xxx), Husqvarna Viking/Pfaff (.vip, .vp3), Husqvarna (.hus), Janome (.jef, .sew), Melco (.exp), Pfaff (.pcs), Tajima (.dst) and Toyota (.10*)

Note: 3D Organizer loads the following picture file formats; Windows or OS2 Bitmap (.bmp), JPEG-JFIF Compliant (.jpg, .jif, .jpeg), Tagged Icon (.ico). 3D Organizer and 3D PictureStitch save Window or OS2 Bitmap (.bmp), JPEG-JFIF Compliant (.jpg, .jif, .jpeg), Tagged Image File Format uncompressed (.tiff, .tif).



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VIKING

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