

## creative 3D Stitch Editor Features & Benefits

Version 1.1; December 15, 2004

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

### 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 167 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.
- ✓ **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\*. Load and save in all major embroidery file formats\*\*. 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. Visible clipboard in many modules – see the embroidery or section you have copied to the clipboard.
- ✓ **'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.

\*Excludes 3D PictureStitch; Stitch Artist shows stitch files

\*\*File types loaded

Brother/Babylock/Bernina PEC (.pec), Brother/Babylock/Bernina PES (.pes version 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 Cross Stitcher and 3D PictureStitch do not load stitch files. Together with 3D Digitizing and 3D Organizer, they load the following picture formats:

Windows or OS2 Bitmap (.bmp), JPEG\_JFIF Compliant (.jpg, .jif, .jpeg), Tagged Image File Format uncompressed (.tiff, .tif), Windows Metafile (.wmf), Windows Enhanced Metafiles (.emf), Windows Icon (.ico).

3D Organizer and 3D PictureStitch save;

Windows or OS2 Bitmap (.bmp), JPEG-JFIF Compliant (.jpg, .jif, .jpeg), Tagged Image File Format uncompressed (.tiff, .tif)

3D Digitizing loads and saves design outline files (.can). 3D Cross Stitcher loads and saves cross stitch design outline files (.krz). Drag'n Drop: Design Outline Files (.can) into 3D Digitizing; Cross Stitch Design Outline Files (.krz) into 3D Cross Stitcher; Picture files into 3D PictureStitch; 9mm and Maxi files into creative 3D Stitch Artist.

## Transform your embroideries

- ✓ **Morph designs into something really different.** Use the fantastic point and global morphing effects to transform your designs. Global Morphing Effects apply to all visible stitches; Pinch, Ripple, Skew Horizontal or Vertical, Spherize, Twirl, Wave Horizontal or Vertical. Point Morphing Effects affect the area where you click; Magnet, Polarize, Twirl, Wave. The only limit is your imagination when you enter the world of morphing.
- ✓ **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 or 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 (Patent). 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.
- ✓ **Frame your embroidery with a satin border.** Add a Rectangle, Ellipse or Polygon-shaped Satin stitch border to any design (border width 1-12mm). Automatically crop the rest of the embroidery outside the border.

## Resize and adjust density

- ✓ **Resize designs.** Alter the size of your designs without affecting their density. The stitch processor changes the size with changes in stitch count (Patent). Detect and maintain patterns automatically when resizing your embroideries. 3D Stitch Editor will change satin stitches into fill if they would be too long when you increase the size of your design. Adjust density settings and set maximum and minimum for single stitches to your preferred length.

- ✓ **Density Adviser.** Check the density on any embroidery or part of an embroidery. Visual 'hot spots' make it easy to detect and reduce the number of stitches in problem areas.

## View and select areas, then adjust

- ✓ **Select Stitches.** Step through designs by using slider bars from beginning or end of design. 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.
- ✓ **Draw slowly in 3D.** Set the visible stitches to draw slowly in 3D and see exactly how your embroidery will be stitched.
- ✓ **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.
- ✓ **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.
- ✓ **Rotate, Mirror, Scale.** 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 as an alternative to Resize.
- ✓ **Move, Insert, Remove.** Choose any stitch to manipulate, or add stitches to your design.

## 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.

## 3D Design Splitter

- ✓ The unique Design Splitter utility program allows you to cut up large designs especially for use in the Pfaff creative Big Hoop for creative 7570 series 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 line wherever you prefer, to split patterns or color blocks as you wish.
- ✓ After splitting, the designs are saved automatically.