



# 6D™ Embroidery System

## Key Features & Benefits

Version 1.1 | 9.26.13

### Common Features & Benefits

#### Experience three-dimensional reality:

- View designs in three-dimensional reality on a textured background or a real-life fabric or garment.
- Life View allows you to see your projects with real-world perspective. Move and vary the angle of the embroidery in a three-dimensional view. View special effects such as Puffy Foam. You can also see Appliqué fabrics in 6D™ Embroidery Extra. Watch Solar Active and Glow in the Dark threads change, and view designs with special techniques using twin needle and dual threads too!
- Designs are shown in your preferred real-life hoop.
- Design Player; watch your design “stitching” on the screen.
- Develop large designs or projects, up to 2m width and height.
- Move around the design using the integrated overview window. The Zoom bar with easy-access shortcuts and 100% Real Size makes it easy to magnify or shrink the embroidery view. Shift + Click to pan around the work area.
- Print designs in three-dimensional reality and with a color worksheet.
- Use a Grid as small as 2mm or as large as 50mm to align elements and designs.

#### Select your favorite colors:

- View specialty threads including metallic, multi-color and varying thicknesses.
- Change colors with the scrolling realistic color palette (worksheet) with numbered editable color blocks.
- Choose thread color palettes / themes for project variations e.g. seasons.
- Color tone helps you quickly convert all the threads in an embroidery to those of another manufacturer. Also change brightness and contrast, selecting new threads automatically.
- Use the intelligent ColorSort feature in most modules to reduce the number of thread changes when you sew.
- Change the order and merge color blocks easily in the color worksheet.\*

\* 6D™ Embroidery Extra and 6D™ Stitch Editor Plus

### 6D™ PREMIER

*Extensive Design Elements*

Embroideries Including SuperDesigns and 100 Bonus Designs	1,300+
Frames and Flourishes Including 36 Foam Frames	550+
Embroidery Fonts Including 6 Puffy Foam Fonts	145+
Motifs	700+
Backgrounds	2,400+
Clipart Images	375+

*Including*

**16,000 THREADS**

From 33 different manufacturers

### Multi-format and multi-document: load and save most popular embroidery formats:

- File types: Bernina ART (.art version 1-3)\*, Brother/Babylock/Bernina PEC (.pec), Brother/Babylock/Bernina PES (.pes version 2-9), Compucon/Singer PSW (.xxx), Husqvarna Viking / Pfaff (.vp3 single and multipart, .vip), Husqvarna (.hus, .shv), Janome (.jef, .sew), Melco (.exp), Pfaff (.pcs), Tajima (.dst), and Toyota (.10\*).\* Bernina ART (.art version 1, 2 and 3) can only be loaded.
- Load designs by thumbnail view, search the name and notes or open by file name.
- Multiple windows allow you to adjust, modify and create an unlimited number of designs, lettering and projects “side by side”.
- Design parts stay separate when you open, copy and save (multipart .vp3 native file format).
- Duplicate designs automatically within a module without using Copy and Paste.
- Export in the desired format according to the chosen options to optimize for sewing:
  - Remove Overlap automatically to avoid build-up of stitches; intelligently retains thin stitching lines.
  - Intelligent ColorSort reduces the number of thread changes.
  - Optimize Stitch Length to remove unnecessary small stitches that increase the time spent embroidering.
  - Split embroideries automatically for your preferred turnable hoop (HUSQVARNA VIKING® DESIGNER™ MAJESTIC, PFAFF® creative™ GRAND DREAM, Brother Jumbo and Janome Giga multipart hoops) with the minimum number of cuts.

### Personalize your system with 6D™ Configure:

- Display your embroidery projects on one of 8 textured fabric backgrounds in unlimited color variations.
- Choose between Inches or millimeters; view any measurements in US or metric as an alternative to your current settings.
- Select from your own thread stash for different projects using an unlimited number of MyThreads ranges.
- Select a program ‘theme’ for your preferred look.

### Additional Common Features

- ‘Send Express’ makes it simple; the quick and easy way to send an embroidery to your connected PFAFF® machine.
- Freehand Point feature allows you to move and/or delete points while making a selection or adding lines. This makes it so much easier to adjust and create your designs.
- Undo and Redo is unlimited in most modules.\*
- New modern icons in all modules – Windows® 8 feeling
- Help is always at hand with tooltips and extensive program help within the software. Even the cursors help you by changing according to which function is selected! Color printed User’s Guides allow you to browse through the features, while online learning materials include videos, a Learning Center with interactive videos and tutorials as well as Internet FAQs.
- Store information about your designs in the Notes and Settings. Notes are separated into Notes and Settings; Settings record the parameters used when creating lettering, selecting frames and so on.
- Smart Update always gives you the latest system.

\* Excludes 6D™ PhotoStitch

## Picture File Formats

- The following popular image file formats may be loaded as backgrounds for your projects or to create embroideries: Windows or OS2 Bitmap (.bmp), JPEG-JFIF Compliant (.jpg, .jif, .jpeg), Portable Network Graphics (.png), Tagged Image File Format uncompressed (.tiff, .tif), Windows Meta File (.wmf), Windows Enhanced Meta File (.emf) and Windows Icon (.ico).
- These additional vector image file formats can be loaded in 6D Design Creator: 4QB (.4qb), QuiltSewClever / Quilt Artist / Shirley Stitcher QCC (\*.qcc), Windows Meta File (.wmf), Windows Enhanced Meta File (.emf), CorelDraw (.cdr version 7-13, .cmx), Encapsulated PostScript File (\*.eps), Scalable Vector Graphics (.svg), HPGL (\*.hp and \*.plt), PC Quilter (\*.txt), Statler Stitcher (\*.qli), AutoCAD (\*.dxf), CompuQuilter (\*.cmd and \*.cqp), Handi Quilter (\*.hqf) and IntelliQuilter (\*.iqp).

*At Your Fingertips*

### TOUCH GESTURES

Supported on Windows® 8 touchscreens — Pinch, Zoom, Autoscroll, and Select and Move

## System Requirements

- Windows® 8 or Windows® 7
- PC with Intel 32-bit or 64-bit processor or equivalent (1 GHz or higher)
- 1GB RAM (32-bit) or 2GB RAM (64-bit)
- 2GB hard disk space
- Screen resolution 1024 x 768, 16 million colors (1280 x 768 recommended)
- Mouse or drawing tablet
- USB port
- Internet activation required

## 6D™ Windows® Explorer plug-in features:

*View embroideries and design files as thumbnail images in Windows® Explorer.*

- The 6D™ plug-in provides native support for Windows® 7 and Windows® 8 functionality such as preview in the right-hand pane. Not just an “iconizer”.
- Search for designs by name, notes and settings, width and height, number of colors.
- Sort by Name, Width or Height, Stitch Count, Number of Colors, Date Modified and so on.
- Open in your desired 6D™ Embroidery System module.
- Send to your connected PFAFF® embroidery machine.
- View the color worksheet for the selected design
- Convert embroideries to other formats; add trim commands or change thread range if .vp3 output.
- Print a three-dimensional design worksheet and catalog layouts.
- Convert embroideries to images.

## 6D™ Embroidery

*Adjust, monogram, personalize and combine your embroidery designs!*

### Adjust an unlimited number of designs and lettering in a project area of up to 2m width and height.

- Rotate and mirror designs instantly using rotate and flip handles or by entering values in the Modify Design box.
- Resize any design with the option to keep stitch density constant or simply rescale.

### Choose from a huge range of designs and SuperDesigns!

- Choose from over 500 SuperDesigns, grouped into 22 categories. SuperDesigns resize perfectly with constant stitch density. Choose SuperDesign options before or after creation (depending on the collection you may change density, pattern and so on). SuperDesigns are not fixed as embroidery until you rotate or mirror.
- Over 700 standard embroideries are also included; a total of 1,200!

### Automatically repeat and reflect your design with the Encore and Endless features:

- Encore multiple designs along 8 different line types or in a circle. Encore a design in one of 28 shapes or to border your hoop with an alternative design in the corners.
- Adjust the gap as desired and remove overlap automatically.
- Make any embroidery Endless: repeat your favorite embroideries across your chosen hoop. Choose from four types of alignment stitches for easy re-hooping and a perfect result!

### Select multiple designs and move them as a group:

- Combine selected; resize, mirror and rotate the individual designs even while they are selected as a group.
- Combine the selected designs permanently if desired.
- Align the selected designs horizontally, vertically, top, bottom, left and right or in the center of the hoop.
- Move designs into the hoop automatically.
- Change a design's stitchout order by moving it forward or backward.

### Extensive lettering choices help you personalize all your projects:

- Use the ExpressMonogram Wizard with ribbon bar to create monograms automatically of one, two or three letters to personalize garments, towels or home furnishings: your possibilities are unlimited!
- Choose from over 145 specially created fonts grouped into 16 categories. Includes six fonts designed for Puffy Foam! Alternatively, use the 6D™ QuickFont Wizard to create lettering automatically from most TrueType® and OpenType® fonts on your computer.
- Preview fonts when selecting: see all your fonts at once in the Font Gallery!
- Smart Lettering
  - Create Multiple lines automatically in most lettering envelopes with alignment and spacing options.
  - Automatically create lettering below the selected design.

*Complete Control*

### THE RIBBON BAR

Makes 6D™ Embroidery so easy to use — all related features are grouped together intuitively

- Automatically create centered circular lettering to fit around the selected design.
- Check Spelling as you type.
- Change the way your lettering appears by using one of 21 envelope shapes.
- Lettering is created with automatic kerning. You may also adjust spacing individually between letters in Horizontal Line, Diamond, Perspective and Italic line types. Also resize letters individually to increase your lettering possibilities!
- Choose lettering options and text before or after creation (depending on the font you may change density and patterns):
  - Satin fonts: Adjust density, underlay for different fabrics and change to a pattern for larger lettering.
  - Pattern fill fonts: Adjust density, underlay for different fabrics and select from over 250 patterns.
  - Contour Fill fonts: Adjust the spacing and stitch length options.
  - Spiral Fill fonts: Choose density options including gradient density.
  - Shape Fill fonts: Choose from 75 shape options and motif options.
  - QuiltStipple Fill fonts: Select straight or curved QuiltStipple and spacing options.
  - Motif fill fonts: Create lettering with your own machine stitch motifs. Choose from hundreds of motifs, including new Universal and machine motifs.
  - Crosshatch fill fonts: Create lettering with crosshatch fill for patchwork or lace effects.
  - MultiWave fill fonts: Vary the wave density from 2 to 40 and choose from hundreds of motifs for amazing effects.
- Lettering is not fixed as embroidery until you rotate or mirror.

**Embellish your lettering or any design with over 500 frame and flourish options.**

- Surround lettering or a design with 396 beautiful decorative frames, corners and side pieces. Crop the design to fit the frame or use your preferred margin. Includes 36 frames designed for Puffy Foam!
- For a different look, place one of 54 flourishes above, below or as a duo above and below - 162 options available!
- Alternatively, create a border for lettering or a design automatically. Select from satin stitch, running, triple stitch or motifs.
- Add an individual decorative motif, motif underline or motif border from your own embroidery machine!



## **6D™ Embroidery Extra**

*Create designs, PhotoStitch and quilt blocks automatically for your personalized project and audition on real garments, quilt blocks and fabrics!*

*6D™ Embroidery Extra includes the 6D™ Embroidery features plus:*

### **Create designs automatically from a picture with the ExpressDesign Wizards — fit the hoop or selected area:**

- Create a standard embroidery using satin and fill areas (Express Embroidery).
- Trace outlines in a picture, for example to create redwork designs (Express Trace).
- Create running stitch, motif, satin border or appliqué around enclosed areas in the picture (Express Border).

### **Create a filled or outline quilt block automatically — you can even create a quilting fill around an embroidery!**

- The QuiltBlock Wizard steps you through every choice for your filled or outline quilt block.
- Choose one of nine tessellating quilt block shapes that may be placed at any angle to help piece a quilt.
- A huge variety of quilting fills is available: Stipple, Channel, Diamond, Echo, Motif, Contour and Shape effects.
- Select any quilting fill to surround your embroidery design.
- Alternatively, add one of 75 internal shapes as a fill, or outline within a filled block.

### **Audition your project including any appliqués, on real garments, quilt blocks and fabrics.**

- View multiple embroideries on real garments, quilt blocks and fabrics. After loading you may fade the background to your chosen level and move it for perfect placement of the embroideries for your project.
- View and reposition an unlimited number of appliqués on your designs.
- Add your own real-size garment, quilt block or fabric backgrounds.
- Over 2,400 backgrounds are included: 775+ garments, 1,260+ Quilt Blocks and 380 fabric backgrounds.
- Print all the embroideries and appliqués with real-size backgrounds to use as templates in your project.

### **Split your project automatically to fit in your preferred hoop.**

- Add alignment stitches automatically for re-hooping, and print an overview and templates.

### **Move, add or delete areas of stitches:**

- Select stitches, then Move, Rotate, Mirror, Scale and Resize.
- Insert colors and stitches by pointing to the desired stitch.

### **Embroider unique embroidery portraits\* automatically from your own photos:**

- Try one of the six monochrome linear and linear artistic effects such as spiral or maze to create a single-color embroidery.
- Use the step-by-step PhotoStitch Wizard to create portraits of any size easily.
- Highlight the most important areas of your photo with the Enhance Focal Area option
- Adjust the density of your portrait for different effects.

*\*Create color, sepia, grayscale and color tile PhotoStitch embroideries if you own 6D™ Premier*

**Over 375 clipart images included.**

**6D™ Card Shop** [included in 6D™ Embroidery Extra package]  
Create one-of-a-kind embroidered greeting cards. It's quick and easy!

**Create personalized embroidery cards automatically with themed templates for special occasions.**

- Select from over 600 templates to design one-of-a-kind greeting cards, invitations, announcements, postcards and certificates with your loved ones' names beautifully embroidered as part of the project.
- Whatever the occasion, you can select an elegant, cute or fun card to complement it.
- Themes range from birthdays and wedding anniversaries, to holidays such as Mother's Day or Halloween and memorable events such as graduation or a new job. In the special Postcards themes there is space for a stamp, address and message on the back.
- Choose the best size for each project. Select from five different sizes, depending on the card you wish to make and the time you can set aside for embroidery. Template orientation may be portrait, landscape or square\*.

*\*Not all templates are available in every size and orientation; total number of variations over 14,000*

**The Creation process is quick and easy, whether you choose a folding card with four sections, a postcard with two sections or a single-sided project.**

- Embroider a whole card in one hooping with the PFAFF® creative™ GRAND DREAM hoop! A four-section card is automatically created with the layout optimized to fold and stitch.
- Adjust design colors and lettering properties (letters, color, size, alignment and density) to create your perfect card.
- Preview on your choice of background color to represent the fabric for your project.
- Print worksheets and save your project as one or more embroidery files with stitching lines created around each area automatically.

**Create a PhotoStitch embroidery\*\* or printed appliqué of your loved one.**

- Photo cards are truly individual! Create a PhotoStitch embroidery from a color or greyscale photo of your family and friends; even a pet or cherished car! Create Linear Monochrome PhotoStitch at any angle. Alternatively, try the Spiral effect or one of four Maze effects. Highlight the most important areas of your photo with the Enhance Focal Area option. Adjust the density of your portrait for different results.
- Alternatively, print the photo onto transfer paper or printable fabric and insert it into your card as an appliqué.

*\*\*Create color, sepia, grayscale and color tile PhotoStitch embroideries for your greeting cards if you own 6D™ Premier*



## **6D™ Design Enhancer Plus**

*Internet only package including 6D™ Stitch Editor Plus and 6D™ Design Aligner; modules also included in 6D™ Premier*

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## **6D™ Stitch Editor Plus**

*Restyle and improve your embroideries*

### **Reshape and restyle your embroideries with object editing features**

- Select a group of stitches and the objects will be recognized.
- Reshape and extend satin or fill areas with easy node point adjustments.
- Depending on the type of stitches, convert the area and other similar areas to different fill patterns, specialty fills and so on.
  - Choose from over 250 fill patterns or make your own. Use gradient density to produce beautiful shading effects. Multicolor Gradient fill helps you create spectacular effects in your designs.
  - Beautiful specialty fill types include Contour, Radial, Spiral, Shape Fill with 50 shape options and motif options, QuiltStipple fill and Crosshatch Fill.
  - Create flowing waves of stitching with the wonderful MultiWave Fill to achieve true 3D perspective in your designs. Use an unlimited number of wave lines, vary the wave density and choose from hundreds of motifs for amazing effects.
  - Set an area as a Motif Fill to embellish your designs with your own machine stitch motifs. Also choose from Universal motifs such as the beautiful Hand Stitches.
  - Convert satin areas from continuous satin to Richelieu bars, tapered motifs or feathered satin. Alternatively, convert any satin area to any of the fill or specialty fill types.
- Remove underlay before converting to a loosely stitched specialty fill.
- Increase or decrease density of an area with one click!

### **Select stitches in your embroideries to improve**

- The integrated Control Strip, Ghost Mode and Stitch Player make it easy to analyze a design, display groups of stitches, and select stitches to modify.
  - The interface has been completely redesigned for speed and ease of use. Undo and Redo remember selected stitches.
  - Move and/or delete points while creating Cutwork, Border, Appliqué or Needle Point lines, or while creating a polygon selection. This makes it so much easier to adjust your designs.
  - Select specific stitches by block, color, polygon or freehand and then adjust. Use the Stitch Player to play through an embroidery as if it is stitching out. Pause for Commands as you play an embroidery.
  - Add or delete stitches, color changes, stops or trim commands. Simply point to the thread where you want to insert stitches or commands, rather than having to select the precise stitch point.
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## **Improve the stitchout of your embroideries**

- Add Trim commands automatically to any design.
- Add a basting line automatically around the embroidery to secure the fabric and stabilizer before beginning embroidery.
- Add Tie-on and Tie-off stitches to improve design stitchout.
- Convert designs to use cutwork needles; create two or four cutwork lines and optionally include secure points and stabilizing lines to hold the stabilizer during the embroidery process.
- Design Optimizer improves the stitchout of most embroideries, both in speed and quality.
- The Density Adviser allows you to check and reduce the stitch density of any embroidery.
- Use Compensation to make stitches in a design bolder, to improve stitchout on woolen fabrics or fleece.

## **Transform your embroideries**

- Use the exclusive Emboss features to add beautiful patterns to your embroideries. 126 resizable system stamps are provided for you to single stamp, stamp along a line or to fill a large area. Remove needle points before stamping an area.
- Emboss your own ideas: create your own stamps from .4qb files. Personalize your embroideries with embossed text from most TrueType® and OpenType® fonts on your computer.
- Frame your embroidery with wonderful Border and Applique options: Choose from 75 shapes or draw your own shape to create a new embroidery with a satin border or as an appliqué. Keep the section of embroidery from inside or outside the border, or simply overlay the border.
- Rotate, mirror and resize or scale designs or areas instantly using rotate, flip and resize handles or by entering values in the Modify Design box.
- Resize designs with density control and adjustable options.
- Skew designs using handles or by entering values, similar to Rotate.
- Transform your design with the 12 fantastic point and global morphing effects.

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## **6D™ Design Aligner**

*Lay out large designs for your own hoop.*

### **Split large designs into multiple sections automatically or with your chosen split lines.**

- Add alignment stitches automatically for easy re-hooping.
- Adjust the overlap areas between hoops.
- Print templates to help you complete your project.

**Split embroideries automatically for your preferred turnable hoop (HUSQVARNA VIKING® DESIGNER™ MAJESTIC, PFAFF® creative™ GRAND DREAM or Brother Jumbo and Janome Giga hoops) with the minimum number of cuts.**

## **6D™ Cross Stitcher**

*Internet only add-on module; also included in 6D™ Premier*

*Design beautiful cross stitch embroideries with traditional quality and the speed of a machine.*

- Create your own cross stitch patterns. Use the pictures as templates or let the Cross Stitcher Wizard create the design for you automatically.
- Traditional and modern stitches. Choose from full, half, quarter, mini and half-height or half-width crosses, fixed or free backstitch and French knots.
- Designs come to life. Choose between block, 2D and three-dimensional display.
- Automatically reflect your design up to eight times with the amazing Multiply feature.
- Draw shapes with crosses, outlines and fill patterns. Over 150 special cross stitch and blackwork fill patterns are included.
- Elegant cross stitch lettering: Choose from 27 backstitch and cross-stitch fonts, including Multi-color fonts, or select from most TrueType® or OpenType® fonts on your computer.

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## **6D™ Premier**

*Everything is possible! This package contains the complete range of 6D™ software with five exclusive modules and 100 bonus designs.*

### **Including 6D™ Embroidery Extra:**

- Wizards: QuiltBlock, ExpressMonogram, ExpressDesign, PhotoStitch, Endless, Split Project
- Windows® Explorer plug-in
- Over 500 SuperDesigns and over 700 standard embroideries
- 100 very special bonus designs are also included from exclusive design collections for a total of 1,300!

**Includes all of the features in 6D™ Card Shop, 6D™ Stitch Editor Plus, 6D™ Design Aligner, and 6D™ Cross Stitcher.**

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## **6D™ PhotoStitch**

*Embroider unique color or monochrome embroidery portraits automatically from your own photos. Create wonderful greeting cards, family quilts, framed pictures and much more with your portraits.*

- Choose from 10 amazing stitch effects, including color PhotoStitch, heritage sepia or monochrome PhotoStitch and color tile for an artistic 'pointillist' effect. Try one of the six monochrome linear and linear artistic effects such as spiral or maze to create a single-color embroidery.
- Use step-by-step wizards to create portraits of any size easily.

- Highlight the most important areas of your photo with the Enhance Focal Area option
- Adjust the density of your portrait for different effects.
- View your portrait in the hoop.
- Improve your photos: Remove background areas and red-eye and use image effects and painting tools to adjust your pictures for the best embroidery result.
- Frame the portrait automatically with your choice of 396 decorative frames, corners and side pieces. Alternatively, create a border around the portrait in one of 75 shapes, using satin stitch, running or triple stitch or even machine motifs.

## 6D™ Family Tree

*Create embroidery charts, quilt blocks and album pages automatically from your own family history!*

- Enter your own family details or import gedcom files (.ged) from other genealogy software.
- Embroider information and pictures for each person / family.
- Choose from chart or album / quilt block format.
- Transform your treasured photos into wonderful PhotoStitch embroideries.
- Highlight the most important areas of your photo with the Enhance Focal Area option
- Adjust the density of your portrait for different effects.
- Create memory pieces to highlight your favorite pets, or even cars or boats. Any type of collection is possible!
- Embellish your portraits and lettering with beautiful decorative frames and flourishes.
- Wizards help you add family info, create PhotoStitch embroideries, Themes, Charts and Projects.



## **6D™ Design Creator**

*Create your perfect embroidery with unlimited design possibilities!*

- Create designs automatically from a picture with the ExpressDesign Wizards — fit the hoop or a selected size, together with full editing and digitizing capabilities:
  - Create a standard embroidery using satin and fill areas (ExpressEmbroidery).
  - Trace outlines in a picture, for example to create redwork designs (ExpressTrace).
  - Create running stitch, motif, satin border or appliqué around enclosed areas in the picture (ExpressBorder).
- Create in the real world!
  - Create designs in real world dimensions and view them in three-dimensional reality in your hoop.
  - Trims, jumps and tie stitches are added automatically — simplifies the creation process hugely!
  - Print background images as part of your design.
- Use vector or raster pictures: Draw or Paint.
  - Draw or load designs in vector format and convert them to embroidery automatically.
  - Paint pictures or load designs in raster format.
  - Select from 330 MiniPics that provide a fun and easy way to create your own images.
  - Save drawings or pictures and send them to the wizards.
- Choose from one of 75 shapes to create as fill, line or fill plus line. Select stitch properties, even appliqué and cutwork, before or after creating the shapes.
- Select fill and line types before or after creating objects.
  - Adjust designs using easy editing features: Convert easily between stitch types and patterns and save favorite styles.
  - Navigate around the design with the Filmstrip, with numbered objects for easy reference in training.
- Create beautiful lace designs using the lace tools:
  - Use two or four lines for Cutwork needles with optional secure points.
  - Richelieu bars
  - Tapered motifs
  - Emboss options for satin and fill
  - Crosshatch and parallel fill.
- Continuous satin gives smoother stitching.
- Fill patterns and techniques are amazing – choose from over 250 fill patterns or make your own. Emboss fill areas with personal highlights. Set the start and end of fill areas if desired and use up to 500 holes. Use gradient density to produce beautiful shading effects. Multicolor Gradient fill helps you create spectacular effects in your designs.
- Beautiful specialty fill types include Contour, Radial, Spiral, Shape Fill with 75 shape options and motif options, QuiltStipple fill.
- Create flowing waves of stitching with the wonderful MultiWave Fill to achieve true three-dimensional perspective in your designs. Use an unlimited number of wave lines, vary the wave density and choose from hundreds of motifs for amazing effects.

- Echo fill repeats any area externally or internally with a shadow effect.
- Appliqué options for all areas.
- Embellish your designs with your own machine stitch motifs – create Motif Fills or Lines. Also choose from Universal motifs such as the beautiful Hand Stitches. You may even design your own motifs or machine stitches.
- Create Freehand areas and lines by placing points or drawing.
- Create feathered satin and texture both edges of a satin stitch for special embroidery effects on fur or flowers.

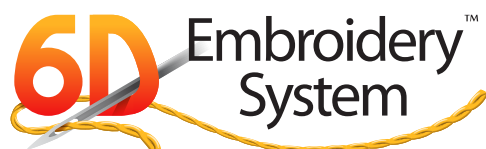
## **6D™ Sketch**

*Release your inner artist and “draw” your own stitch paintings.*

- Trims, jumps and tie stitches are added automatically – simplifies the creation process hugely!
- Create embroidery stitches as if you are sketching with a pencil or paintbrush.
- Sketch straight or curved lines with the “Standard” stitch creation tools:
  - Create perfectly regulated Running and Triple Lines with your choice of stitch length
  - Draw your own machine stitches with Motif Lines
  - Add Satin Lines with three preset widths and a custom option.
- Add free motion embroidery highlights and texture to your favorite pictures, fabrics and designs.
- Print and embroider your masterpiece at the touch of a button.
- Embroider your signature or use the calligraphy feature to create beautiful monograms.
- Create appliqué with horizontal or rotational zigzag satin stitching.
- Revolutionary: Patents on many features.
- 165 Picture Backgrounds and 52 Calligraphy Backgrounds included.

## **6D™ Font Digitizing**

*Create your own Fonts and SuperDesigns to use in the 6D™ Embroidery System.*



*For More Information*

**Visit: [pfaff.com](http://pfaff.com) / [6DEmbroiderySystem.com](http://6DEmbroiderySystem.com)**