add-on

PhotoStitch®

Enhances the software with the capability
of automatic conversion of a Photo into Embroidery!

futura™

User's Manual

SINGER®

Inside Photostitch

Photostitch was designed to **"simulate" an image** using special stitch techniques. This type of embroidery design is not the "traditional" (that includes primarily **fills and satin columns**) variety. These stitch techniques require virtually **no digitizing skill** and very little labor. Photostitch has a **Wizard** that walks you through a step-by-step process for creating an **automatic** embroidery design. In this segment, each step and process will be defined.
See the section called **"How to Use Photostitch"** for a quick description of using the Photostitch wizard.

Open Wizard

Step	Action	Result
>1	Select **Photostitch...** from the **Create** drop-down menu.	Photostitch Wizard/ Introduction page will open.
>2	Click **Next**.	

>1: Open Image
This is the step to choose the image, or artwork to be used with **Photostitch**. It is important to use a clean image for this process. If the image was **scanned**, it is a Bitmap type (millions of pixels) image – either **.bmp** or **.jpg**, and must have a reasonably "high resolution". **150-300 DPI** is good.

Step	Action	Result
>1	Choose the **Select** from the Select Image box.	The Open Image File box will open.
>2	Choose **Image** (of your choice) from the folder where your image is stored.	
>3	Click **Next**.	

>2: Crop Image

In the 2nd step the Wizard is supplying the option to **Crop** (cut) the **Image**. Though it is not necessary to crop, there may be some areas that are not desired in the embroidery design. Also, in this step, is the option to define the shape of the image as **circular** or **rectangular**.

Step	Action	Result
>1	Click on **square** on the frame around image.	
>2	Drag **square** to **Crop**.	
>3	Click **Next**.	

Circular or Rectangular

Step	Action	Result
>1	Check **Circular** in the selection box.	The image will be defined (and "cropped") as a Circle.
	or	
>1	Check **Rectangular** in the selection box.	The image will be defined (and "cropped") as a Rectangle.
>2	Click **Next**.	

Polygonal

Selecting **'Polygonal'** will allow you to crop and select a specific area on the image. Simply clicking on the image will input points which define the area to be cropped. You can input as many points required to exactly select the desired area.

>3: Set Dimensions

The 3rd step is your chance to change the **Dimensions** or size of the image.

Step	Action	Result
>1	Click **Width** (or **Height**) box.	
>2	Type **new value**.	**Both** dimensions will change at once.
>3	Click **Next**.	

*It is possible to **change the Unit** (of measurement) from **CM** to **MM** or **Inches** in the **"Units"** box.*

>4: Color Refinement

In this step, the software is offering the options of altering the **Brightness** and **Contrast** of the image. Since the software is "looking at" the image in order to simulate a "likeness", it is important to have a lot of light, and contrast. **Experimentation is key.**

*While working with the slide bars, look at the image on the right-hand side of the box. It is possible to "Pan" the image in the small screen on the right-hand side of the **dialogue** box. Simply **right-click** and **drag** the image.*

Step	Action	Result
>1	Move **slide bar** until image is brighter (if necessary).	
>2	Move **slide** bar until image has more contrast (if necessary).	
>3	Click **Next**.	

>5: Photostitch

This 5th step was designed to offer a variety of options as to how Photostitch will simulate an image. There are two options for color: Monochrome (one color), or Color Fill (this uses Cyan, Magenta, Yellow, and Black – in that order). Also, there are two options for the stitch technique: Rectangular or Satin. See image below for reference.

Monochrome or Color Fill

Step	Action	Result
>1	Select **Monochrome** fill.	Design will be simulated using **one thread color**.
	or	
>2	Select **Color** fill.	Design will be simulated using **four thread colors**.

Rectangular Stitch Type

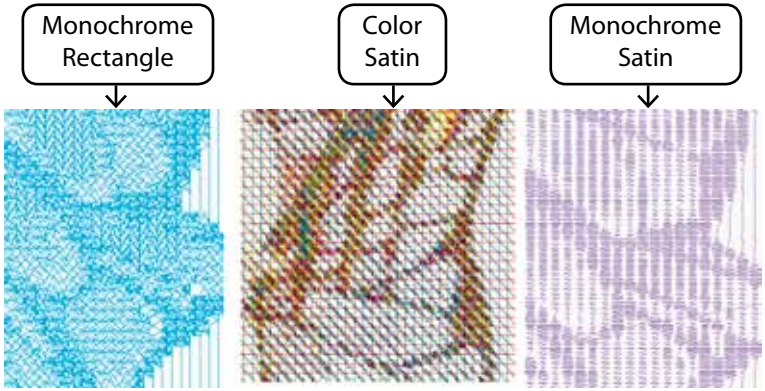
Step	Action	Result
>1	Select **Rectangular** filling technique.	
>2	Select **Rectangle Size** in Parameters box.	

Satin Stitch Type

Step	Action	Result
>1	Select **Satin** filling technique.	
>2	Select **Satin width** in Parameters box.	
>3	Select **Resolution step** in Parameters box.	
>4	Select **Minimum stitch distance** in Parameters box.	

Tip!
*Try using Photostitch **as large as possible**. You may find that you get "more bang for your buck" (larger embroidery for similar stitch "costs").*

The **Default** values in the **Photostitch Wizard** work very well in most instances. **Experiment** and then adjust some of the parameters for **different effects**.



Kurse-PhotoStitch-Optimum-Engl-Ph 1-01

SINGER®