



Adding Dimension to Your Designs

By Bernadette Griffith,
Director of Educational Services, Generations® Products

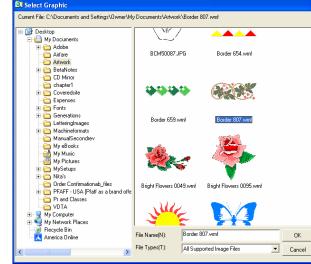
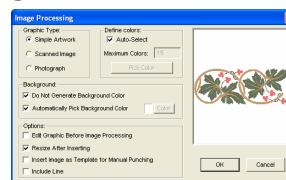
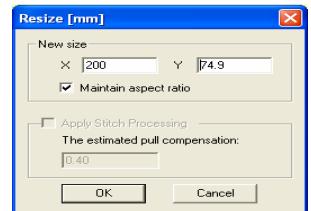
All settings are based on millimeters. If you are working in inches, please change your settings for this lesson.

You may change your settings by:

1. Clicking on **View** from the Menu and then **View Preferences**.
2. Change the **Measure Unit** to **MM** (this can be located towards the bottom of the Preference Setting dialog box)
3. You can repeat this process to change back to inches if you desire after the lesson.

The **Generations®** automatic digitizing system can create designs from any graphic image with a few clicks. But sometimes, adding a little texture to the fills types can really enhance the finished design.

Using the basic fill tools in the **Generations®** automatic digitizing system, you can change a plain design into a fabulous design in minutes.

1. Select **Create** from the menu and then **Insert Image**.
2. The **Select Graphic Dialog** box will open. You can select the location of the graphic you want to insert from the folder tree on the left hand side of the dialog box. After selecting the location of the graphic, thumbnails of all graphic files in that location will display in the right hand side of the dialog box.

3. Select the graphic **Border 807.wmf** by double clicking on the thumbnail of the image.
The Image will be inserted into the image processor.
4. Allow the **Image processor** to select the settings and click on **OK**.

5. The **Resize** option will appear on the screen.
Change the **X value to 200** and the Y value will automatically default to the new size.




Adding Dimension to Your Designs
By Bernadette Griffith,
Director of Educational Services, Generations® Products

6. Click on **OK** to insert the resized image into the **Generations®** program.

7. Generate to place the stitches in the design.
8. To view the fill types in the design click on the **3D icon** located on the **View Toolbar** located at the top of the work area screen and the design will display on the screen in a rendered stitch view.

The fill options for all areas in the design are set for **AutoJudge** and have filled as satin stitching or complex fill stitching. This is determined by the size of the area and the internal settings in the program.

In this case, the areas for the vines are too wide to be able to create a nice satin fill that won't gap or snag. To correct this and we can use one of the features in the **Generations®** program called **Satin Fill**.

Using a **Satin Fill** will allow us to keep the flow of the stitching on the vines and give them some texture adding more interest to the design.

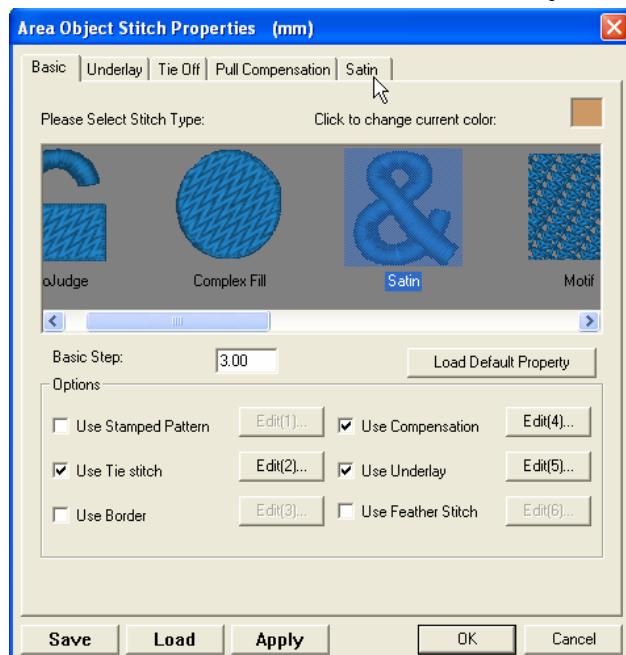
1. Click on the tan or color chip from the Color Bar located on the left hand side of your work area window. All the vines in the design will be selected with blue flashing marquee lines.



2. Click on the **Stitch Settings** icon located on the **View Toolbar** at the top of the screen.

3. The **Area Stitch Properties** Dialog Box will open displaying the stitch types available in the **Generations®** program. Select the satin stitch fill type by clicking on the thumbnail image for **Satin Fill**.

4. Click on the **Satin tab** at the top of the dialog box to make changes to the satin fill type.

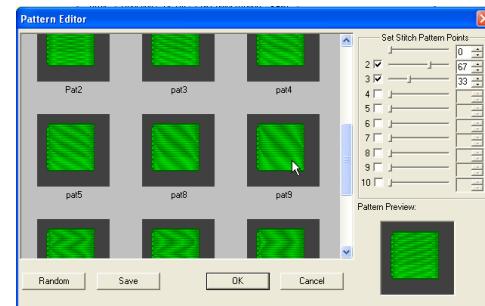
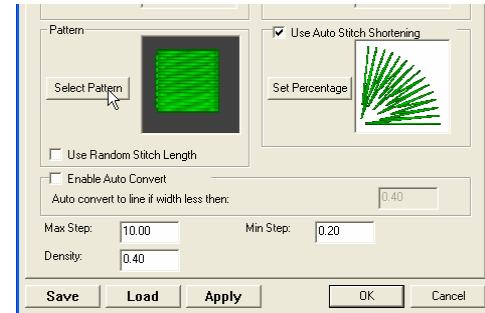




Adding Dimension to Your Designs

By Bernadette Griffith,
Director of Educational Services, Generations® Products

5. Place a check mark next to **Enable Satin Fill** and then click on the
6. Select Pattern button below that to open the **Pattern Editor**.
7. In the **Pattern Editor**, use the slider bar to slide down to view all the thumbnails of the patterns available to you.
8. Locate **pattern 9**, select the pattern by clicking on it and then click on the **OK** button to return to the **Area Stitch Settings** dialog box.
9. Click **OK** to return to the design and then Generate to place the new stitch pattern into the design.



You can see the difference between the old vines and these vines. The new vines definitely add more interest to the design.



Now to add a bit more texture to this design.



Adding Dimension to Your Designs
By Bernadette Griffith,
Director of Educational Services, Generations® Products

1. Click on the **pink color chip** located at the left had side of the work area. This will select all the pink flowers in the design and they will be surrounded by **blue marquee flashing lines**.
2. Click on the **Stitch Setting** icon  located on the **View Toolbar** located at the top of the work area.
3. Select the **Radial** fill from the stitch types. (you may need to use the slider bar on blow the stitch type thumbnails to slide over to that fill type)
4. Then place a check mark next to the **Use Feathered Edge** option. Click on the **Edit** button, next to the Use Feathered Edge option to open the **Feathered Edge Settings** and select a pattern.
5. Place a check mark next to **Enable Feathering on Side A** and change the **Positive** value from 4.00 to 7.00 Place a check mark next to **Enable Pattern** and click on the **Set Pattern** button.
6. When the **Feathered Edge Pattern Editor** opens, click on the **Load** Button and thumbnails of the included patterns will display.
7. Select the pattern named **19.jpt** by double clicking on the thumbnail. Then click **OK** until you are back to the work area.
8. **Generate**  to place the feathered pattern into the flowers.

The Pink flowers are now feathered and much more interesting to look at than the old ones.

All screen shots for this project are from the **Generations®** software program.
Duplication, reproduction or use of this project by any other instructors or groups
is not permitted without prior written consent from Notcina Corporation.

4

Artwork Provided by Art Explosion 600000 Nova Development
Copyright©2003 Notcina Corporation – All Rights Reserved

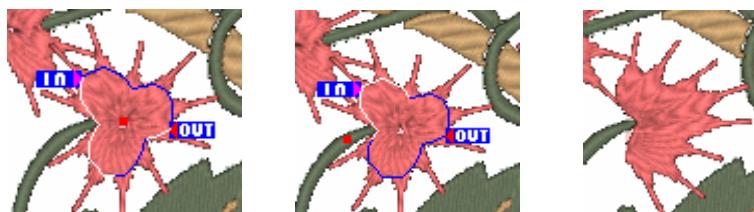


Adding Dimension to Your Designs
By Bernadette Griffith,
Director of Educational Services, Generations® Products

In the flowers there are **small red dots**. These red dots control the flow of the feathering and stitching. To change the way the flowers look at little bit more all you need to do is move those red dots to another location.

1. **Right click off to the side** of the design to deselect all areas and then **Right click** on one of the pink flowers.
2. Place the mouse over the red dot until the **4 way arrow** appears and then **left click**, hold the left mouse button in and drag the red dot to a new location.
3. **Generate**  to see the changes to the filled area.

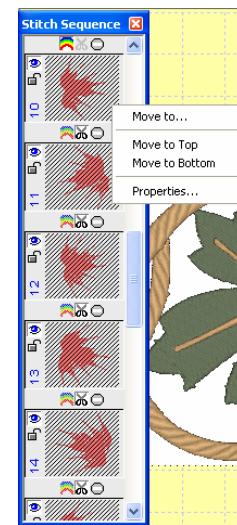
4.



5. **Repeat** for the rest of the flowers.

To add the final touch to the design we need to move the flowers to stitch last.

1. Click on the **Stitch Sequence View** icon  located on the **View Toolbar**. This will open a filmstrip like toolbar to the left hand side of the work area.
2. Click on the **pink color chip** from the **Color Bar** on the left hand side of the work area to select all the pink flowers at one time.
3. In the **Stitch Sequence Viewer** all the pink flowers are now selected and the cells are shaded in.
4. **Right click** on one of the shaded cells and a small menu will open.
5. Select the **Move to the Bottom** option.





Adding Dimension to Your Designs
By Bernadette Griffith,
Director of Educational Services, Generations® Products

6. **Right click** off to the side in a blank area on the screen to **deselect** all areas.

7. **Generate** to allow the program to recalculate the changes, in and out points and traveling stitches.

The design will look like this and have much more texture and style to it.



There is one last thing that we can do quickly to this design to enhance the stitching.

The leaves are set to complex fills. We can quickly change the **stitch direction** and change the edges to **smooth edges**.

1. **Press and hold the CTRL key** on your computer keyboard. Then **right click** on the green leaves in the design. This will select all the leaves for quick editing.

2. Open the **Stitch Settings** and change the stitch type to **Complex** if that is still set to **AutoJudge**.

3. Click on the **Complex tab** at the top of the window and the **Complex Stitch Setting** options will display.

4. Below the Gradient Shading thumbnail is an option call **Enable Smooth Edges**,

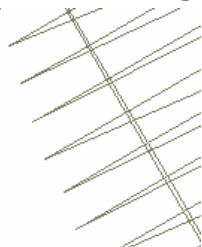


Adding Dimension to Your Designs
By Bernadette Griffith,
Director of Educational Services, Generations® Products

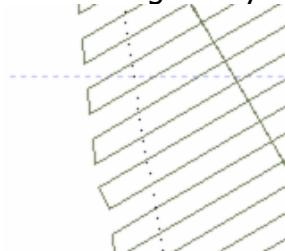
place a check mark next to that option.

Smooth edges changes the way that the edges of filled areas are stitched. They create a smooth or cleaner edge that makes outlining unnecessary.

5. Click **OK** and **generate**  to see the changes to your design.



Regular Edge

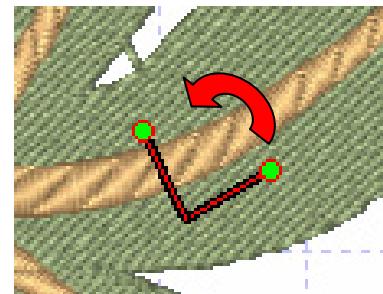


Smooth Edge

6. **Right click** off to the side of the design to deselect all areas.

7. Select one of the leaves with a right click. This will surround only that leaf with blue flashing lines.

8. A **small wand** will appear on the selected leaf. This is a **fill direction change tool**.



10. **Press and hold the left mouse button** and **drag** the wand to the left.

11. **Release** the wand and then **generate**  to see the change in the fill direction.

12. **Repeat** for the other leaves in the design.

You are now ready to **save** the file and **export** for stitching to your machine format.

It is always a good idea to right click off to the side if the design to make sure that nothing in the design is selected.

Then generate the complete design one last time before saving the file.



Adding Dimension to Your Designs
By Bernadette Griffith,
Director of Educational Services, Generations® Products

1. Select **File** and then **Save As** from the menu.
2. Name your design and save the .GEN file for future editing in a folder where you will be able to locate it for future use.
3. Then select **File** and then **Export**. The **Export** dialog box will open.
4. Select the machine **format** from the formats listed on the **left side** of the dialog box, select the **location** where you want to export the design file to and click on the **Export** button.

You are now ready to stitch your design.