

autodigitizing

AUTODIGITIZE A QUILT WITH STRIPS AND CURVES


By Carol Heidenreich 2003




EASY EMBOSSED INITIAL BLOCK IN A FRAME Center Block


All clicks are left click, unless Right click is indicated.

1 Open autodigitizing.  Click **Acquire Image**  icon Open **Autodigitizing\Artwork** and choose **Quilt Label**. Click OK on **Shape Depiction** window. Enter





130mm in **Resize** window. **Generate** stitches. 

2. Right click on the outer border (or open the Film ) to select. Change color to

Dark pink in **Quick Changes**  box. Repeat for the

inner border using color **Dark Green**. Click on **Insert Circle** (top toolbar)  and click and drag an 80mm (check size shown on bottom bar) circle. Click **again** to create stitches. Press **escape** on keyboard. Click on circle and note the black boxes. Center the circle in the Quilt Label. Right click on circle to select and change color to Light Green and check that **Complex Fill** is used in Quick Changes. **Generate**.

3. While still selected click on **Embossing Option** in the Quick Changes window. A new working screen will appear. Click on the TT text and type in your initial, using Arial size 30.75 Bold. Click OK. Move initial until it's centered in the circle.




4. Right click in the Initial to highlight and click the **Property**  sheet.. Select **Pattern Fill** then **click Pattern Fill tab** and choose the brick. Play with the layout.
5. Add a recessed area under the letter. While still in the embossing window, click on **Insert a Closed Curve**  and click four boxes around the letter. Type **Enter** on keyboard. Click on **Move Bottom** icon on top toolbar. . Click on **Apply/Exit**  (Black box on the top.) Click on **3D**  to view the effect.

Note : *If, at a later time, you change the base area (angle or pattern), you will loose the embossing texture. To apply the texture again, simply enter and then exit the Fill embossing area.*

6. Save the ASD file. Export to HUS in folder of choice. In Customizing change colors to desired colors and save.

Note: *At any time, you may wish to play stitches  to see the order of stitching.*

EASY APPLIQUE BLOCK

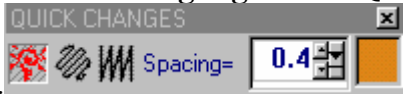

1. Acquire image “hearts”bmp. from the floppy disk. Click OK on **Shape Depiction** window. Enter 130mm in **Resize** window. **Generate**.
2. Note that the background grid in the picture of the quilt block has also generated stitches along with an outline around all the hearts and leaves. We don’t want these, so Click on **Edit**, (on the menu bar) choose **Select** and **Select All Lines**. Press Control/Delete on the keyboard to eliminate. **Generate**.
3. Change the center circle to an appliqué. Right click on the circle to **select**. Right click again (or press space bar on the keyboard) to choose **Properties**.  Click on **Appliqué** on the left hand side menu. Check the options on the right hand menu. The program will stitch a placement line, stop to place the appliqué fabric, tack the appliqué in place, stop to trim and finally cover with a satin stitch over the appliqué. Since it’s obvious where you will place the appliqué, uncheck the placement box. Now check the width of the cover. I prefer a 4.0 satin stitch with a slight offset (-1) to be sure I cover all the fabric. After making these changes, click OK. **Generate**.
4. Notice the area of the center appliqué circle that needs correcting. Right click to **select**. Toggle to the **outline view**, (lower left icon).  Click **Outline** on the menu bar and choose **Edit Outline View** from the drop down menu. Place you cursor on the box that needs moving and move to it’s correct position.
5. Add Texture to the leaves. Right click on a leaf, Click on **Zoom Object**,  now space bar to properties. Play with random setting and change angles. Repeat with the remaining leaves.

6. Add a pattern fill to the Hearts. Right click to select a heart. Click on Zoom Object. Right click to select properties. Click on **Complex Fill** and also **Pattern Fill** down at the bottom. Choose one of the Fills. **OK** and **Generate**.


Now let's create **our own unique Pattern Fill**. The new 4.0 update does this a bit differently than before and now I've got the whole screen to work with. Click on the **Insert Line Icon** and simply click around to create your own drawing (Mine is a heart). Press **Enter and Escape** on the keyboard. Click on **Accessories** on the menu bar. Click on **Pattern Fill, save**. Give it a name, and it will be added to the provided pattern fills **Save as Heart Appliqué**. **Export** to directory. .

SQUARE ON A SQUARE BLOCK




1. Start with color **Light green** on **Quick Changes**

Bar.  Click on **Insert Rectangle**,  click and drag a square approximately 90mm. Click again to create stitches. Press **Escape** (on the keyboard) to end the action. Click on square (note black boxes). Click again, and note boxes have changed. Use these boxes to rotate the square on point.



2. Change color in **Quick Changes** bar to **Dark Pink**. Click on **Insert Rectangle**, click and drag another square 90mm. Click again to create stitches and **Escape** to

end the action. **Change color back to Light Green**. Click on **Insert Circle**.  Click and drag a circle approximately 50 mm Size.



3. Center both the circle and the pink square on top of the green square. To do this, click on **Edit (menu bar)** and click on **select all**. Click on **Align**. Click on **Align by Horizontally Center** and **Align by Vertically Center**.

4. Open **Film**  and select the Green square and the Green circle. **Toggle to outline view**. Click on **Create Void**.  Click on Pink Square. **Generate**.  While still selected, open **Properties** (space bar) and change stitch to **Contour** and




Generate. 





5. To eliminate the circle of Pink covering the Green underneath. **Right Click** (another way to select) on Dark Pink square, **Toggle to Outline View**.  Click on **Create a Void by Existing Area**. Click on **circle**. Press **Escape** on keyboard. **Generate**. Right click on center green circle, go to **Properties** and change spacing to 0.7.
6. Now we'll choose an interesting fill for the Darkk Pink square. Select the Pink square. Open **Properties** and choose **Complex Fill**  and **Pattern Fill**. I chose **Intertwist 01**, angle 90 and played with the layout.

- Now check the Film to establish the order you wish this to stitch out. I chose the light green elements first followed by the pink square. When I checked in 3D, I noticed a line across the center. I moved the center green to the bottom and it was gone.
- Notice that the 4 green outer triangles are very sparse close to the Pink Square.


Right click on one of these and **Zoom Object**. Click on **Show Stitch Points**  and **Edit Stitches**. . Be sure you're in **stitch view** not 3D. Hover your cursor over a stitch point, click and stitch turns to a **red cross**. Now you can move as needed. **Save as:** Square in a Square. Export to directory and save


FIVE RINGS BLOCK (most advanced)

- Choose color Pink and draw a circle 70mm with the **Create a Circle tool**. Click **and ESC**. Right click to **select circle**. **Copy and Paste**  four more circles arranging them as shown.
- Since it's hard to get them all lined up perfectly we'll use the **Align** feature. Click on the two upper rings (**Use Ctrl key**) Under **Edit** on the menu bar, choose **Align**, then **Align by Horizontally Center**. Repeat for the bottom two circles. Now select the **left top & bottom circle**, and **Align by Vertically Center**. Repeat for the two right circles.
- Let's add a border. Open the **Film** and **select all circles** by holding the Shift Key while clicking on the top and bottom circle. **Toggle to Outline View**. Under **Outline** (on the menu bar) Click on **Form Line from Area Border**. Choose **Column** and change the width to **4.0**. **Generate** and change color of border to **Dark Yellow**.
- Now, we'll eliminate the center ring area. . Right click on **one of the outer Rings**, **Toggle to Outline View**. Click on **Create Void** and click in the center area of this Ring. Nothing shows on the 3D view, (this is because the center ring is still covering that area.)but if you look at the Film you will note that it's missing that area on that ring. Repeat for the outer 3 rings. Now **Right click on the center ring and delete**, using a Ctrl/Delete on your keyboard.
- To add a fill to the very center of the design, change color to **Blue** and choose **Insert Fill**.  Click around the center area (on top of the gold border) and press **Enter** when finished and **ESC** key. **Generate**. Change this fill to **Spiral**  in the Quick Changes Bar.

6. Right click on one of the outer rings and change fill to **Radial Fill**.  in the Quick Changes Bar. Note the Red dot and move this dot to to the center border. Repeat for the opposite ring.
7. Right click on one of the remaining rings. **Open Properties and** choose **Complex Fill**,  and click on **Accordion** and change angle to 12. **Generate**. While still selected, **Copy and Paste**  another area on top. Select this new area (slide down to the bottom of the film) and change color to **Blue**. Click on **Create Crosstitch** fill on the **Quick Changes Bar**. 
8. Right click on the last ring. Choose **Create Color blending** from the **Quick Changes Bar**. Choose **Double** from the pop up menu and assign color **Blue** to the 2nd layer. Choose the first option from the **Effect area**. Select the pink layer and change angle (Red arrow)to 89. (see the number of the angle on the bottom tool bar) Change the angle of the blue layer to -170 . **Generate**. **Save** and **Export**.

NEW BLOCK WITH NEW FEATHERING 4.0 FEATURE

1. Choose color **Green**, Click on **Insert Circle** and click and drag to create a 65 mm circle. Click again and press **ESC**. **Select green circle, Copy and paste** another one, centered on top of the first one. Change the second circle to color **pink** **Resize** the pink circle to 45mm.
2. **Create Void** so there are no stitches under the Pink circle by right clicking on the **Green circle, Toggle to outline view**. Click **Create Void** and click on **pink** circle. The first green circle is now a ring.
3. Change the fills of the Pink ring to **Radial** using **Quick Changes**.
4. Change the **Green ring to Create Feather-veined Sstitches** using the **Quick Changes Bar** and only doing 2 clicks with the mouse (direction or length doesn't matter), then **Enter** then **ESC** then **Generate**.
5. To add the circle with a needle and thread, change color to **Pink**. Create a circle approximately **45mm**. Change color to **Green** and Click on the **Insert a column**  tool. Click from left to right creating a column on top of the circle. Create a eye for the needle by changing color to **Pink** and drawing a 2.5mm circle. Right click to select the green needle. **Toggle to outline view**, click on create a **void**. Click in the small circle. **Generate**. **Ctrl/delete** pink circle.

6. Add the gold thread. Change color to gold, click on the **Insert line** tool  and click to draw your thread. A left click is a straight line, a right click is a curved line. Right click to select the thread, enter **Properties** and change to a **Triple Run**.
7. Check your **Film** so the green feathered circle stitches after the radial pink center. Save and Export.

CREATING THE WALLHANGING (approx 36" square)

Material requirements:

2/3 yd Black solid for embroidery plus Tear Away stabilizer

1 yd Floral Print for piecing and border

1 yd Batting

1 yd Fabric for the back

1/3 yd Binding

Minimum of (14) 1 1/2" x 44" strips (for the strata) from your stash

The four corner blocks were constructed using the instructions in the Strips and Curves book along with the available template.

I created the 9" block using the Basic Set acrylic templates. My strata consisted of 14 1 1/2" x 45" strips sewn together. This was enough for the four blocks (2 L shaped and 2 Quarter Circle) along with approx 1/2 yd of the Floral Print for the other half of the blocks.

Cut the black squares to embroider on, approx 10" to allow for any distortion, and after embroidered, trim to match the pieced corner squares.

After the top is pieced and bordered, layer the backing, batting and top together, and prepare to quilt. First anchor stitch the layers together along the block seam lines.

Each of the strata strips were stitched with a different machine decorative stitch and a variety of colors of thread. What a great way to show off those wonderful decorative stitches. Then the background of the 5 embroidered blocks was free-motion stippled with a variegated thread.