



BABY LOCK
SEWED
IQ DESIGNER

MASTERING IQ DESIGNER
PROJECT AND INSTRUCTION BOOK

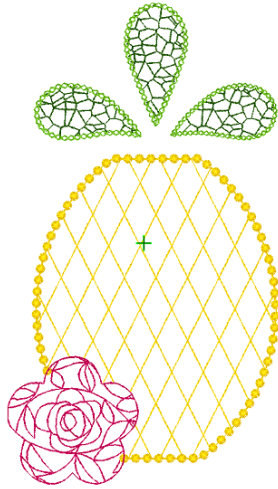


FOR THE LOVE OF SEWING




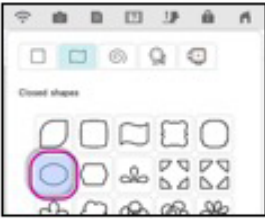
We're so sorry, we found a few mistakes! You'll find all of the known errors below. Several pages have also been included with a pink box enveloping the correction!



- p. 2 “Retrieiving” should be Retrieving.
- p. 37 Step 9 should say “Second Closed Shape Tab”
- p. 41 New Appliqué image, icon in Step 5, a few more details added to steps 19 & 20
- p. 69 See “Additional Notions” as you need Hook and Loop Tape, not a Button and Hair Elastic
- p. 83 “Save to Memory to use later.” added to step 9.
- p. 90 Steps to add the flowerpot and flowerpot fill added.
- p. 126 Pro-Tip should have included “on page 41.”
- p. 157 Techniques Used added.
- p. 164 The title along the side of the page should say “In-the-Hoop Zipper Bag” rather than “EHOOP”

Combining Shapes in IQ Designer

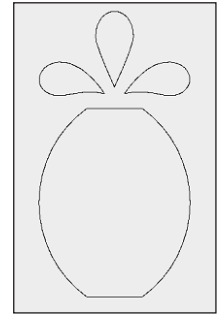




Learn how to create a cute pineapple design simply by using the shapes included in the IQ Designer Stamp/ Shapes Key with this tutorial.

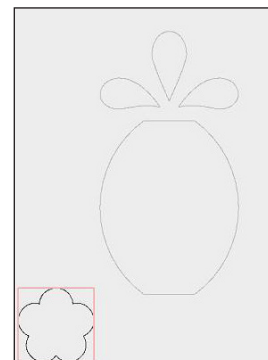
1. Open .
 2. Select the **Shapes/Stamp Icon** .
 3. Select the **Second Open Shape Tab** .
 4. Select the **first design on the second row**. Touch **OK**.
- 
5. Select **Size** and resize the design to approximately **4.5" x 5.63"**. Touch **OK**.

6. Select **Rotate** and rotate 90°. Touch **OK**.
7. Use the **Move Keys** or stylus to move the design down on the design page. Touch **OK**.
8. Select the **Shapes/Stamp Icon** .
9. From the **Second Closed Shape Tab**, Select the **third design on the second row** . Touch **OK**.
10. Select **Size** and resize the design to approximately **2.52" x 4.50"**.

11. **Reposition** the shape above the barrel shape. Touch **OK**.



12. Select the **Shapes/Stamp Icon** .
13. From the **Second Open Shape Tab**, Select the **second design on the third row** . Touch **OK**.
14. Select **Size** and resize the design to approximately **2.39" x 2.39"**.
15. **Reposition** the design down to the bottom corner of the design page, far enough away from the pineapple shape so you can easily re-select it later. Touch **OK**.



16. Select the **Line Properties Menu** .

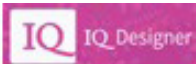



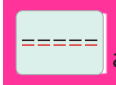


PRO TIP:

If your machine is showing sizes in Millimeters (mm), simply go to your Settings Pages for your machine and find the Measuring Unit setting and change from "mm" to "inches" (or vice versa, if you prefer).

Creating a Basic Appliqué





IQ Designer opens a whole world of possibilities when it comes to creating your own appliqué designs! Follow this tutorial to get the gist and then, start dreaming of the ways you could use it in your embroidery!

1. Open  .
2. Select the **Shape/Stamp Icon**  .
3. From **First Tab of Closed Shapes**, select the **Flower Shape**  In the fourth row. Touch **OK**.
4. Select the **Line Properties Menu**  .
5. Choose the **Run Stitch**  and a **Color**. **OK**.
6. Select the **Line Fill Cup**  and touch on the **outline of the shape**.
7. Touch  .
8. Use the default settings for the stitch.



9. Touch **Set** and **OK** to transfer the design over to Embroidery.

10. Open the **Edit Menu**  and **Duplicate**  the design.

11. **Move** the design to center on top of the first design.

12. Touch  .

13. Select IQ Designer.

14. Repeat Steps 2 and 3 above.


15. With the default being a **Satin Stitch**, we do not need to assign a line type.

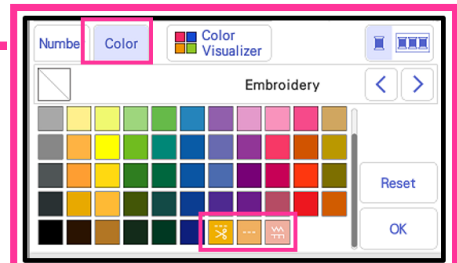
16. Touch  .

17. Adjust the **Zigzag Width** to **4.0mm or .200"** and **Density** to **110%**.

18. Touch **Set** and **OK** to transfer the design over to Embroidery.

19. To help distinguish the steps of the appliqué, select **Edit** and the **Color Palette Key**  .

20. Select **Color**  and the "Embroidery" or "Country" to see the Appliqué Color Chips. Use these color chips designated for appliqué for placement, trim, and satin stitch.



PROJECT STATS



FABRIC REQUIREMENTS

- » Main Background Fabric: One 6" x 15"
- » Low Loft Batting: One 6" x 15"
- » Backing Fabric: Two 6" x 8"

MACHINE REQUIREMENTS



Please Note: Project steps, tools, fills, screen orientation, and sizing vary between versions of IQ Designer and may require improvising.

FEET & HOOPS USED

- » Scanning Frame or JPEG Import
 - Find the artwork at the back of the book or <https://babylock.com/iq-designer-project-book>.
- » 9-1/2" x 14" or 10 5/8" x 16" Hoop
- » Optional: Button Sewing Foot

ADDITIONAL NOTIONS

- » One 14" x 20" piece Baby Lock Tear-Away Stabilizer BLT103 or larger

You need 3" of ½" Hook and Loop Tape
NOT a Button and Hair Elastic for closure

- » Madeira Polyneon Embroidery Thread
- » Scissors
- » Klassé 80/12 Embroidery Needle
- » Embroidery Tape
- » 1/2" Steam-A-Seam 2
- » Pinking Shears

Cup Cozy

BY PHYLLIS SUMMERVILLE






ABOUT THE PROJECT

In-the-hoop (ITH) projects are so enjoyable to create and make with IQ. The best part is, once you create and save them, you can make them over and over again! This Cup Cozy is such a great ITH project to learn with!

Techniques Used

- Scan/Import Artwork
- Region Fill
- Creating an ITH project

Let's Get Started

1. From the Home Screen, open .
2. Position Cup Cozy template on Scanning board and secure with included green magnets, ensuring magnets are not covering any portions of the template. Open the **Scanning Menu** , touch **Line Design**, then select **Scan**.
3. If the image is not clear, adjust **Grayscale Detection** and **Scan** again as necessary.
4. Once the Scan is complete, **Crop** image in just outside of the template (as closely as you can without touching the lines of the artwork). Touch **OK**.
5. Check that the selection box is as close to the shape as possible without touching it. If you need to get closer, select the background to deselect the artwork. Then, **Select** the template artwork again, making the selection box as close as you can to the outline of the template without touching it. (On the Solaris with Upgrade 1, you can use the **Magic Wand**  to easily select only the outline). **Resize** the **width** of the shape to **4-1/2"**.

PROJECT STATS



FABRIC REQUIREMENTS

- » Canvas: One 12" x 12"
- » Flannel: One 12" x 12"
- » Yellow Appliqué: One 5" x 5"
- » Backing: Two 9" x 11"

MACHINE REQUIREMENTS

Project uses a design that is built-in to the Solaris Machines. Tutorial could be adapted for use with other machines by using a different desig. and Shape Creation.



Please Note: Project steps, tools, fills, screen orientation, and sizing vary between versions of IQ Designer and may require improvising.

FEET & HOOPS USED

- » 8" x 8" or 9-1/2" x 9-1/2" Hoop

ADDITIONAL NOTIONS

- » Appliqué Scissors
- » Klassé Embroidery Needles 80/12
- » Madeira Embroidery Thread in Sky Blue, Black & Yellow
- » Embroidery Tape
- » Rotary Cutter, Ruler & Mat

Sunshine Mug Rug

BY MILINDA JAY STEPHENSON













ABOUT THE PROJECT

Add these fun Sunshine Mug Rugs to your end tables for a sweet pop of color! You'll get to play with the Automatic Appliqué feature, as well as, create an in-the-hoop project with these cute coasters!














Techniques Used

- Automatic Appliqué
- Shape Creation
- Saving layers to create an in-the-hoop project



Creating the Design



1. From the Home Page, touch  Embroidery.
2. Select Category 1 **Exclusives** , **Sewlebrities**, **Design #025** , **Set**.
3. Touch **Edit**, **Size**, **Stitch Recalculation** , **OK** and **Increase to 2.95" x 3.51"**. Touch **OK**.
4. **Rotate Left 90°** , **OK**.
5. Add the **Automatic Appliqué**  to the design and touch **OK**.
6. Touch the **Shape Creation Icon** , **Memory**, **OK**.
7. Touch **Add** and .
8. Touch the **Stamp Key** , choose the **Frame Shapes** , **8" x 8" hoop**, **OK**.
9. Adjust **Size to 7.5" x 5.5"**, **OK**. Save to **Memory** to use later.

SIGNATURE FLOWER TOWEL - STEP-BY-STEP INSTRUCTIONS



8. Touch **Add** .
9. Touch the **Stamp Key** , **Frames Tab** , **5" x 7" Frame, OK.**
10. Again, touch **Stamps, Closed Shapes**  and select the **Center Flower**  and touch **OK.**
11. Adjust the **Size to 2.23" x 2.23"** and **OK.**
12. **Duplicate**  the flower then **Move** the second flower down to the right, but still within the 5" x 7" hoop area.
13. Rotate the flower **20°** to the right, **OK.**
14. Adjust the **Size to 1.74" x 1.74"**, **OK.**
15. **Duplicate**  and **Move** the new flower to the left creating a triangle out of the three flowers within the 5" x 7" area.
16. **Rotate** the flower **90°** to the left, **OK.**
17. Increase **Magnification to 200%.**
18. Open the **Line Properties Menu** , choose the **Bean Stitch**  and **OK.**
19. Activate the **Line Properties Cup**  and touch each flower petal and leaf to assign the line property.
20. On the **Region Fill Properties Menu** , choose the **Fill Stitch** , a **Gold Color** and **OK.**
21. Activate the **Region Fill Cup**  and touch in the center of one flower.

Now it's play time! Follow Steps 20 and 21 above choosing colors and assigning the **Standard Fill Stitch** to each of the flowers' petals and center.

22. Open the **Line Properties Menu**, select the **Open Line Drawing Tool**  and touch **OK.**
23. Using your favorite stylus, mouse, or finger, **Draw** stems on the bottom of each flower. Remember, you can always undo and redo!
- 23a. Don't forget to add the flowerpot. Make sure the **Bean Stitch** is selected. Then, select the **Stamp Key** and select the **Semi-Circle/Shape 14** (3rd row, 4th shape over) from the First Closed Shape Menu. Select **Size** and decrease the size to the desired size. **Move** the flowerpot to line it up with the bottom of the stems. **Erase** any overlapped stems.
24. Open the **Line Properties Menu**, select the **Closed Drawing Tool**  and **OK.**

25. Now, draw leaves on the stems. **Zoom in** and **Pan**  as needed.
26. Open the **Fill Properties Menu**, choose the **Standard Fill Stitch** , a **Color** and **OK.**
27. Activate the **Region Fill Cup** and touch in each of the leaves to assign the fill.




28. Once all flowers and leaves are filled, fill the flowerpot with Decorative Fill of your choosing. Select the **Decorative Fill Cup** and fill the flowerpot. This tutorial used Decorative Fill 007. Then, click **Next.**

29. Select the **Link Key**  to link all filled areas, turn **Under sewing ON**  and touch **OK.**
30. **Save to Memory**, touch **Set** and follow the steps to the Embroidery Edit screen.
31. Touch **Edit**, then **Move, Resize** and/or **Rotate** designs as needed to make a pleasing arrangement. Then touch **Embroidery.**

Machine Setup

- Apply Spray Starch to Towel and press well
- Machine Setup for Embroidery with Embroidery Foot Attached
- Insert the 75/11 Embroidery needle into the machine.
- Thread machine with 40 wt. Embroidery Thread and Embroidery Bobbin.
- Hoop Stick Tear, Tear Away Stabilizer in 5" x 7" hoop, score around the edges and remove paper topping to reveal the sticky.

Stitching Steps

1. Determine desired positioning of design on towel and mark the center point.
2. Position towel on hooped sticky stabilizer as close to center as possible, then smooth to adhere to stabilizer.
3. Using the **Needle Guide Beam**  and/or **Projector** , **Move** the design as necessary to center.
4. Touch Layout and add a **Basting Stitch** .
5. Stitch design, then un-hoop towel, remove excess stabilizer and enjoy!

- Placement Stitch for appliqué fabric:
 - Once stitching is complete, position appliqué fabric over outline, right side up, and secure with embroidery tape.
- Appliqué Tack Down Stitch:
 - Once complete, trim away excess appliqué fabric as close to stitching line as possible, using appliqué stitches.
- Fill Stitch
- Appliqué Finishing Stitch
- Hometown Heart

PRO TIP:

Review the "Creating an Appliqué in IQ" exercise in this book on page 41 for additional information on stitching out an appliqué.

Sewing the Banner Together

1. Once all designs are complete, remove all excess stabilizer, press well and trim to 12-1/2" square.
2. Cut sashing strips to 12-1/2" x 3".
3. Prepare for sewing by removing embroidery foot, attaching ankle and 1/4" foot and threading with construction thread.
4. Select **Center Needle Straight Stitch 1-03 or Q-01**.
5. Attach sashing strips in between four embroidered panels and press well.
6. Cut (2) side border pieces 3" x 56" and attach to each long side of banner, press seams to border fabric.
7. Cut top and bottom border pieces 3" x 17" and attach to top and bottom edge.
8. Press seams to border fabric.
9. Working on a flat surface, layer backing fabric right side down, batting fabric and completed banner right side up.
10. Pin and quilt as desired.
11. Trim all four edges and bind as desired.
 - The project sample was bound with a two-toned Flange Binding. If you'd like to try it, read on for a short Flange Binding Tutorial!

Flange Binding

1. This look can be achieved by combining a long 1.75" strip with a long 1.5" strip. Both strips need to be long enough to stitch around the entire quilt top. So, make sure you have one long 1.75" strip and one long 1.5" strip (each sewn together using 45° angle seams, as you normally would when sewing binding strips together).
2. Then, stitch the long strips to each other along the long edges with a 1/4" seam allowance.
3. Press the seam allowance towards the 1.5" strip.
4. Press binding in half, wrong sides together. This will create a small flange that will look similar to piping once stitched to your quilt.
5. Sew the pressed binding to the quilt back using 1/4" seam allowance and placing the narrow strip against the quilt back. Miter corners as normal.
6. Press the binding towards the top of the banner.
7. Secure the binding with Stitch-in-the-Ditch or with a Serpentine Stitch.

PROJECT STATS



FABRIC REQUIREMENTS

- » 12" x 18" Home Décor Canvas solid for front
- » 8" x 12" Home Décor Canvas solid for the center oval
- » 12" x 18" Home Décor Canvas print for back
- » 1 yard of ribbon for the tie closure
- » 1 yard of Sulky Fuse 'n Stitch Stabilizer
- » Baby Lock Tear-Away Firm Stabilizer BLT103

MACHINE REQUIREMENTS

Project was created to utilize the largest Solaris Hoop but can be created smaller on other IQ versions with improvising and resizing.



Please Note: Project steps, tools, fills, screen orientation, and sizing vary between versions of IQ Designer and may require improvising.

FEET & HOOPS USED

- » 10-5/8" x 16" Embroidery Hoop
- » Embroidery Foot

ADDITIONAL NOTIONS

- » Madeira rayon or polyester embroidery thread
- » Finishing Touch Bobbin Thread or a Pre-wound embroidery bobbin
- » Appliqué scissors
- » Temporary Spray Adhesive
- » Pins (if desired)

Decorative Door Hanger

BY PATTY MARTY






ABOUT THE PROJECT

Create this fun door decoration in the hoop using the Solaris and IQ Designer. Use the built-in shapes and think in layers to create this unique project. Include personalization using the large decorative font on the Solaris. We add layers of fills, fun decorative lines and buttonholes for this project.

Techniques Used

- Develop an In-the-Hoop Project with IQ Designer
- Decorative Line Stitches to embellish project
- Layering Decorative Fills
- Creating Appliqué

1. Touch the **Home Key**  at the top of the LCD screen.
2. Touch  on the Home page.
3. The IQ main page will open.
4. Select the **Shape/Stamp Tool** .
5. Select the **Original Shapes** Tab and select the decorative frame on the first line.

