

Photo Painting

Created by Debbi Lashbrook

Learn how to use the Photo-paint feature of DesignWorks Software to create portraits of people, pets, or your favorite places. It's as easy as importing a prepared photograph into the software and painting with four colors of paint pens.

Supplies

Machine & Accessories

- BERNINA Sewing & Embroidery Machine - DesignWorks Compatible Model
- BERNINA DesignWorks Software Suite
- BERNINA PaintWork Tool, CrystalWork Tool, & CutWork Tool
- BERNINA Exclusive DesignWorks Collection - Citrus Blossoms #21010DW

Notions

- StabilStick Tear Away + Heavy Weight Tear Away
- Paint pens for Photo Paint: Cyan, Magenta, Yellow, and Black
- Additional pen colors for Citrus Blossoms design: two greens; one black
- Crystals: Size 6, 10 & 16 SS
- Crystal template, transfer tape, and backing board
- 1/3 yd. White fabric
- Small piece of fabric for appliqué
- Appliqué Fuse & Fix
- 505 Temporary Spray Adhesive
- Black Isacord Thread
- 12" dowel rod - 1/4" diameter
- Ribbon - 3/4 yd.



Notes

To resample in BERNINA Embroidery Software, load the picture in Art Canvas.

- Select Bitmap> Resample.
- In the dialog box, select the type of measurement system and change the desired size of either width or height with Maintain Aspect Ratio checked.
- You may crop the image to remove unwanted areas in the finished Photo Painted design.
- Change the image as desired by selecting Bitmap> Image Adjustment Lab. You may change the temperature, the tint, the saturation, the brightness, or the contrast of the image.
- Export the image by selecting File> Export. Save the image to use in DesignWorks software.

Preparing the Image

- Open your photo editing software of choice.
- Resample, crop, and change the brightness and contrast as needed.
- Export the edited photo.

Photo Paint Process

- Open BERNINA DesignWorks software.
- In the New Design dialog box, Create New is selected, click Next.
- In the Fabric dialog box, select the Embroidery Normal category and select a white background; click Next.
- Click on the Browse icon next to the From File category.
- Navigate to the location of your saved picture.



- Select the picture and click *Open*.
- From the Hoop drop-down menu, select *BERNINA Jumbo Hoop 830, 256 x 400, #93*.
- In the *Artwork Source* dialog box, click *Next*.
- Place a radio dot in *Open as Photo Paint*. Click *Next*.
- In the *Color Reduction* box, click *Finish*.
- Select *File > Save As*.
- Navigate to the desired location to save the file.
- Name the file, *Photo Paint* and click on *Save*.
- Do not close the file.

Editing the Painted Design

- Select *File > Open* in DesignWorks software.
- Navigate to the location of the Citrus Blossoms file and locate the design, 21010-12_DW.draw.
- Select and click on *Open*.
- Draw a bounding box around the grey flower at the top of the design and select *Delete*. Repeat for the grey flower at the bottom of the design.
- Select the three crystals in the center of the flower and select *Delete*. *Hold the Ctrl key to select multiple crystals*.
- Select the crystals on the center of the bottom leaf and select *Delete*.
- Save the design as *Edited Painted Design*.

Editing the Crystal Design

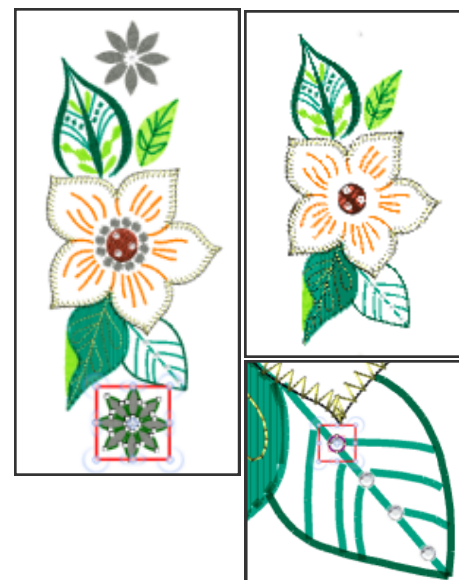
- Select *File > Open* in DesignWorks software.
- Navigate to the location of the Citrus Blossoms file and locate the design, 21010-29_CR.draw.
- Select and click on *Open*.
- Notice that this crystal flower has six spokes, but we need five spokes for the cutwork flower.
- Zoom in on the design with your mouse wheel.
- Select the group of crystals on the right side of the flower; select *Delete*.
- Repeat for the crystals on the left side and also the set of crystals that form the bottom petal.
- Select and delete the center crystal. You should have the upper set of crystals on the X axis remaining. (see picture)
- Select all the crystals and click on *Create Circular Array*.
- In *Tool Options*, select
 - ◊ Start & end angles: 90°
 - ◊ Step Count: 5
 - ◊ Contour steps: 0
- Hold the *Shift* key and drag the original crystal group toward the center to bring the crystals closer together.
- Select *Apply Circular Array* to set the crystals in place.
- Select the *Create Crystal Shape* icon.
- In *Tool Options*:
 - ◊ Choose size 16 SS
 - ◊ Choose Sun as a color



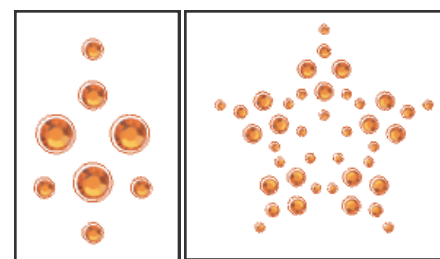
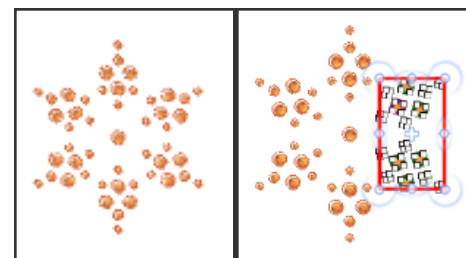
Notes

You may have several files open at once in DesignWorks.

When you see a DW in the name of a design file, it means that the design uses multiple DesignWorks tools. In this case, the file includes both CutWork and Paint.



The CR designation in the name indicates that this is a CrystalWork file.



- Add a crystal to the center of the crystal star by clicking in the center.
- Select the space bar and click on the center crystal to select.
- Change the X/Y coordinates to 0.
- Save the design as *Five-Petal Crystal Flower*.

Combining the Designs

- Click on the *Edited Painted Flower* design tab to make it the active screen in DesignWorks.
- Select *Edit> Select All*.
- Select *Copy*.
- Click on the Photo Paint design tab.
- Right click on the screen and select *Paste*.
- While the flower design is selected, move it into the desired position.
- Rest your cursor in the corner of the design and rotate as desired when the rotate icon is visible.



Adding a Satin Border

- Select the *Create Bezier* tool.
- Beginning at the intersection of the picture edge and the CutWork flower, click; then click around the corners of the picture, ending at the intersection of the opposite CutWork flower and picture edge. This frames the design except for the area that is covered by the CutWork flower. (see picture at right)
- Right click to end the line. Hit the space bar to select the line.
- In *Object Properties*, select *Satin Serial*.
- In *Tool Options*, change the width to .25 inches.
- In *Object Properties*, choose the *Zigzag* option for a patterned *Satin Stitch*.
- Open *Manage Hoop Options*, place a check mark in front of *Center design to Hoop*.
- Click *OK*.



Resequencing the Design

- Turn off the *Auto Sequence Control* so that the icon is grey.
- In the dialog box that opens, select *OK*.
- Select the satin stitched frame in *Sequence Manager* and drag and drop the layer so it stitches just before the placement line of the flower.
- Save the file as *Finished Photo Paint*.

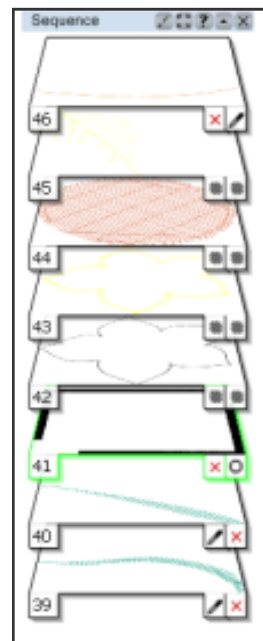
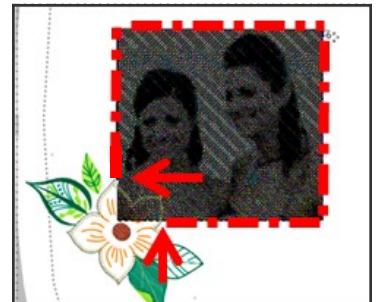
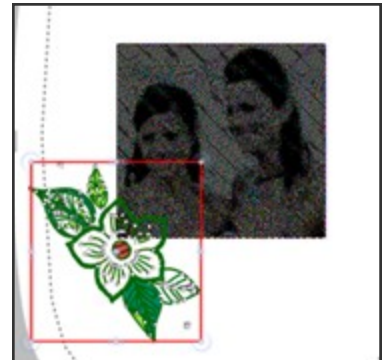
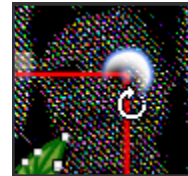


Exporting Designs

- Click on the *Export Design* icon; then click on the USB stick to send the *Finished Photo Paint* design to the USB stick.
- Click *OK* in the dialog box that opens.
- Click on the *Five Pointed Crystal Flower* design tab and select *File> Export Design> Crystals to Machine*. Click on the *Export* icon to send the crystal design to the machine. Select the USB option again.
- Click *OK* in the dialog box that opens and close *Export to Machine*.



Notes



- Select *File > Open* and navigate to 21010-12_CWA.draw to open the CutWork file. Select it and click on *Open*.
- Click on *Export*, then the USB stick. Click *OK* in the dialog box that opens.

Stitching the Design

- Select the Five Pointed Crystal design from the USB stick.
- Prep the machine for punching the crystal design following the steps in the on-line video at www.bernina.com.
- There will be a color stop programmed for each size of crystal so that you can change the punch and the plate for the appropriate size crystal.
- Prep the template and complete the crystal appliqué and set aside for pressing on the completed design.
- Press *Appliqué Fuse and Fix* on the wrong side of your appliqué fabric.
- Hoop *Heavy Weight TearAway* stabilizer and place the prepared appliqué fabric on top of the stabilizer.
- Select the CutWork flower from the USB stick.
- Stitch the running before stitch.
- Place the CutWork tool on your machine and following the on-screen prompts for the blade position of the tool, cut out the flower.
- Hoop *StabilStick TearAway* in the Jumbo Hoop. You will have to piece two pieces to fit in the hoop. Do this by scoring 1/2" from the long straight edge of one piece. Place the other piece over the exposed 1/2" sticky strip. Finger press in place.
- Score and remove the remaining paper backing.
- Place the white background fabric on the stabilizer. Smooth in place over the stabilizer.
- Place the PaintWork accessory on the machine with the proper size insert for your pen.
- Following the prompts on the screen, paint first the magenta, then the cyan, the yellow, and finally the black of the Photo Painted design.
- Switch to a green pen and paint the leaves next, changing the color as dictated by the machine.
- Next, thread the machine for embroidery and stitch the black frame around the picture.
- Finish the design by following the screen prompts—the placement line will stitch, add the appliqué flower over the placement line, zigzag around the edge, and stitch the flower center and the leaf details.
- Place another paint pen to paint the details on the appliqué flower.

Finish the Project

- Cut another layer of white fabric to serve as a backing for the design.
- Use 505 Temporary Spray adhesive to hold the layers together.
- With a straight stitch, form a casing at the top. The lines should be far enough apart for a dowel rod to be inserted.
- Begin at the lower straight stitch and stitch around each side edge and the bottom edge using your favorite decorative stitch. Pivot at the corners. (see red line)
- Ravel out the fabric (front and back) to the stitching lines.
- Insert the dowel rod and tie the ribbon at each end of the dowel.

Notes

Find videos for all the DesignWorks tools on the website, www.bernina.com. Click on *Products > DesignWorks*. Select the tool and click on *Learn More*. Play the video for step-by-step instructions.



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