

Butterfly Garden

By Susan Fears

Supplies

Bernina 830 Sewing and Embroidery Machine

Bernina Embroidery Designer Plus Software V5

Designs are built into the 830 OR use designs from Studio Bernina Exotic Rainforest

Fabric for the quilt (quilt program will calculate yardage needed)

Batting 60" x 60"

OESD Light-weight Tearaway stabilizer

Organ Needles, Size 80, for embroidery

Black Isacord thread for embroidery

Black Bobbin Thread such as Mettler 60 weight thread

Yenmet thread for quilting (AN-3)

Quilting thread for piecing and for bobbin thread for quilting

Jumbo hoop and template

Large Oval hoop and template

Transparency film (from the office supply store)

Bernina Stitch Regulator

Walking Foot #50

Bias Binder attachment #84 with Foot #94

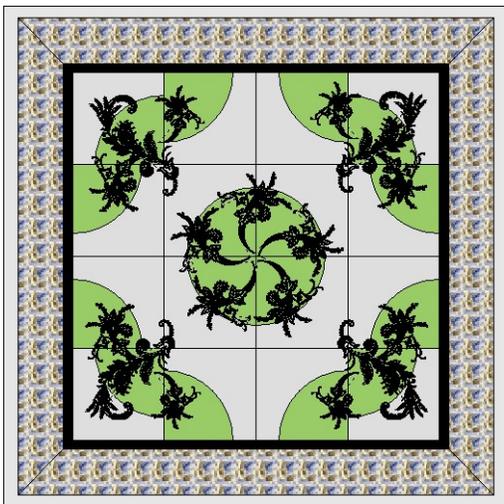
Edgestitch Foot #10 (optional)

505 temporary adhesive spray

Fons and Porter mechanical pencil



Instructions



Design the Quilt

Open Bernina Embroidery Software Designer Plus V5 to create the center medallion and to create the quilt layout. Import Susanne Muller design #11 from the 830 (or select a similar design from Bernina Studio Exotic Rainforest Embroidery Collection) into the software and use the wreath tool to create 5 spokes radiating from the center. Open the Quilter program and create the quilt layout. The layout has 16 10" (finished) blocks, 1" (finished) border followed by a 10" (finished) outer border. From the block library, select the drunkard path block and fill all 16 blocks and rotating when necessary. Create the layout as pictured. Import the wreath design onto the quilt layout and resize embroidery if necessary. Import Jumbo Hoop design (Susanne Muller) #6 from the 830 (or create a

similar arrangement with the Exotic Rainforest designs) and place in the corners so that most of the embroidery falls on the quarter circle part of the block. Import Susanne Muller design # 9 to complete the arc on the quarter circle part of the block. Save the design and print the quilt picture and the templates for the drunkard path block. If any of the embroidery sizes were changed on the quilt, import them from the quilt program into the embroidery software and the new size will be maintained. At this point, print the embroidery onto transparency film and these will be the templates used to plan embroidery placement. Use the software to enlarge the designs needed for the quilt, rotate as necessary on screen to form the wreath. (*Note: The embroideries for this quilt use the Jumbo Hoop for the Bernina 830, all embroideries should be planned within the hoop size of choice*).

Piece the Quilt

Use the printed drunkard path templates to cut the block elements or use the Cut-A-Round tool and cut the block elements to form a 10" (finished) block. If using the Cut-A-Round tool, cut 16 8" squares for the quarter circle and 16 10 1/2" squares for the outer frame. Using the Cut-A-Round tool, align the drawn corner on the tool to the corner of the 8" square and cut on arc 15. For the frame cut on arc #14. Offsetting the cuts by 1 provide the seam allowances for the block.

Sew the quarter circle on top of the frame fabric with right sides together using a 1/4" seam. Use a quarter inch foot with blade (Bernina Foot #57) to maintain a consistent 1/4". For accuracy, place a pin in the center of each piece, and piece matching the centering pins.



Use the printed diagram to piece the top together. Add the borders now or after the embroidery.

Embroider the Center Medallion

Use the Sewing Revolution 5/7 template and mark 5 spokes. The template has holes that the Fons and Porter Mechanical pencil easily penetrates (and completely washes out). Place the Sewing Revolution template center on the center of the quilt (intersection of the seams). The tail of the design begins 1 1/4" from the center. Make 2 marks for each spoke and draw a placement line connecting the 2 points. There should be 5 lines radiating out from the center beginning 1 1/4" away from center.



Use the Jumbo Hoop (or alternate hoop), and the hoop template to hoop the quilt top with 2 layers of OESD light-weight cut-away stabilizer. 505 temporary adhesive may be necessary to hold the stabilizer to the quilt top for ease in hooping. Align the central axis of the hoop template to the drawn spoke on the top and hoop. Use the printed template to verify that once hooped, all parts of the design can be sewn within the hoop. Attach the hoop to the machine and reposition embroidery so that the tail of the design begins on the

end of the spoke that is 1 ¼" away from the center. Use Absolute Check and the move function to perform this easily and quickly. Embroider and repeat this process until all 5 spokes are embroidered. Black Isacord thread with black bobbin thread was used in Butterfly Garden.

Embroider the Corners

Use the printed template to position the embroidery accurately. Align the flower bud to the corner of the block as pictured. Hoop 2 layers of OESD light-weight cut-away stabilizer in the Jumbo Hoop and spray with 505 temporary adhesive. Lay the quilt top on the stabilizer. Use Absolute check to pinpoint the flower bud and reposition the quilt so that the block intersection corresponds to the absolute check position. Smooth the fabric onto the stabilizer and use the hoop template to ensure the quilt blocks are laying in the hoop on the horizontal



and vertical axis. Activate the Basting Outline function to secure the fabric to the stabilizer and embroider all 4 corners of the quilt top. Activate Mirror Image when needed. Use the printed template to ensure that the quilt top is placed onto the hoop in the correct orientation.

Add remaining design # 9 to complete the corner arc embroidery. Using the printed template will help with placement. Hoop stabilizer and quilt using the template to place the design accurately. Embroider all four areas

Gently tear away all excess stabilizer.

Quilting

Layer the quilt with batting and backing and either spray baste or pin baste. Attach the Bernina Stitch Regulator to the machine or select an alternate free motion foot, such as Foot #29. Thread the machine with Yenmet thread in the needle, quilting thread in the bobbin and install a Microtex Needle size 80. Free motion the quilt top and channel quilt the borders. Attach the Bernina Walking Foot #50 when sewing the channel quilting.



Binding

Create a wave edge template on freezer paper. The template should contain 1 rounded corner. Align the freezer paper straight edge with the channel quilting and press to the quilt. Use a rotary cutter to cut the wave edge using the freezer paper as the guide. Go around all edges of the quilt applying the template and cutting.

Use the Bernina Bias Binder Attachment #84 with foot #94 to attach the binding. Starch the binding fabric and cut strips of bias 1 1/8" wide. Piece the strips to create the length needed for the quilt and press the seams open. Baste the seam open. If the quilt top is not heavily quilted, secure the wave edge of the quilt with a narrow zig-zag stitch. This will keep all three layers together as it goes through the binder.



Insert the quilt edge into the 'v' of the binder attachment and bind. As the binding approaches the starting point, estimate the amount needed to finish including some overlap. Cut the bias perpendicular to the long edge of the binding strip and glue a 1/4" hem with a fabric glue stick. The hem will go through the binder and overlap the raw edge at the beginning. You will enjoy how fast and accurate this method of binding the quilt is!

