

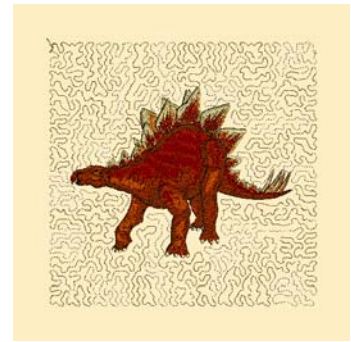
Creating Stipple Quilting Around an Existing Embroidery

By:

Linda Holmes

Husqvarna Viking Sales and Education Specialist

Create a quilt with embroideries. Embroider the design, then slip the batting and backing behind the fabric in the hoop and add the stippling around the design, thus adding an extra dimension to your quilt!



4D Software used: 4D Professional

Supplies:

Husqvarna Viking Designer Diamond

Fabric large enough to fit the 260 mm x 200 mm Designer Crown Hoop

Stabilizer of the same size

Batting larger than the desired quilt block size





Backing fabric same size as batting

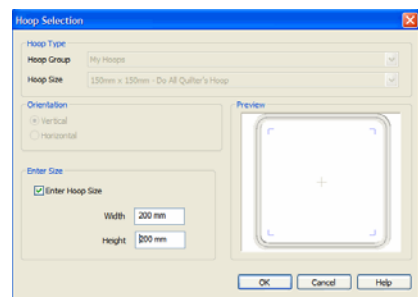
40 wt. Rayon embroidery threads for design












Embroidery bobbin thread

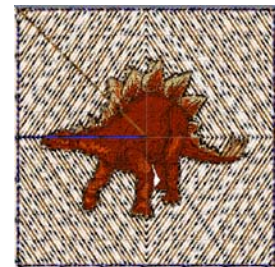
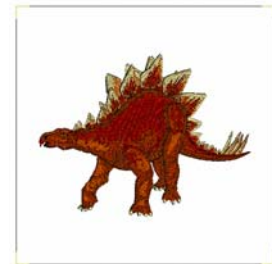
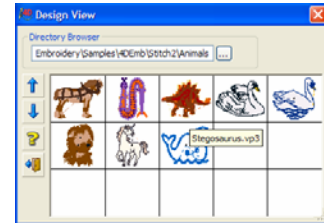
Bobbin wound with cotton thread to match backing fabric

The most important step for this exercise to work out correctly is getting a “real size” picture of your embroidery design within the finished quilt block size you want to create. The easiest way is to use a screen capture program. There are many screen capture programs; choose the one that works best for you.

1. Open 4D Embroidery Extra .
2. QuickLink to 4D Configure  and choose the System tab at the top of the window.
3. Set the background color to white and the texture to none. (This keeps you from having issues with Tolerance when you get to 4D Design Creator for this exercise).
4. Click Apply, then click OK.
5. QuickLink to 4D Stitch Editor .
6. Click Hoop . Click in the box that says Enter Hoop Size, and set the Width and Height to 200 mm then click OK.



7. Click View Designs  then Browse  to C:\4DEmbroidery\Samples\4D Emb\Stitch 2\Animals. Click OK.
8. In the Design View window, click Page Down  twice. Select the third design on the top row to open Stegosaurus.vp3 then click Close Viewer .
9. Click the down arrow attached to Grid  and choose grid off. The only things that remain are the corner markers of the hoop. The center marker is covered by the design.
10. If there is a selection box around the design, right click in the empty design area to deselect everything.
11. Press whichever key you press on your computer for screen capture. On most computers find PrtSc in the upper right hand corner. With some computers, you may need to hold down the Fn key then press PrtSc or some other key combination.
12. If you need to choose an option for what to capture, choose Rectangle, then click and drag a box around the design, being careful to get the blue corner markers and nothing outside them. (If blank space outside the corner markers is selected, you'll get unwanted results when creating the stippling).
13. Save the picture in your C:\4DEmbroidery\MyPics folder as 'Stegosaurus 200.bmp.' Adding the 200 behind the name indicates it was captured in the 200mm hoop.
14. QuickLink to 4D Design Creator .
15. Choose Load Picture for New Design then click Next.
16. Click View Picture  then Browse  to your C:\4DEmbroidery\MyPics folder. Select Stegosaurus 200.bmp then click Next.
17. No need to Rotate the picture, just click Next.
18. On the Crop Picture page, make sure the entire white area is selected then click Next.
19. On the Design Size page, make sure Enter Design Size is selected.
20. Under Enter Design Size, set the Size to 200 mm and choose Width then click Next.
21. On the Reduce Colors page, no need to change anything because we are creating the quilt stippling right now, not the actual dinosaur. Just click Finish.
22. Click Color Change . Make sure Show All Thread Ranges is selected then click the drop down arrow and choose Robison-Anton Rayon Vari 40. Type 2360 (3CC Brown) in the Find Thread box then click OK.
23. Click the down arrow next to QuickStitch Specialty Fill  and choose QuickStitch Specialty Fill + AutoHole .
24. Left click inside the design area. Right click to de-select the function. The design area will be filled with a diamond pattern.
25. Click on the Edit tab at the bottom of the window. The area you just created should be selected as the last item on the FilmStrip. It will look like the shape of your embroidery design and will say Specialty Fill.

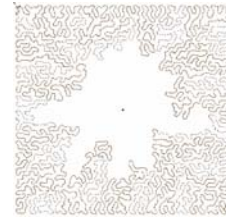



26. Right click in the design area, and this will bring up the Specialty Fill Properties box. Click the down arrow on the blue box that says Shape Fill and choose QuiltStipple Fill.





27. Click the Options tab at the top of the window. Set the Style to Curved, the Gap to 4.0 mm, the Stitch to Running and Stitch Length to 2.0 mm then click OK.


28. To see how the stippling will look around the design, click 3D Create Stitches .



29. If you're not happy with the look of this stippling, you can click the Edit tab, right click in the design area, click the Options tab and make any adjustments you like. Click OK. Click 3D Create Stitches  and view the results. Keep going back and forth this way until you're happy with the stippling.

30. Click 3D Create Stitches  again. Make sure the size fits within the parameters of the hoop (200 mm x 200 mm). If the design is too large, click Cancel to close out of the window without saving.


31. Click Preferences . Change the Design Size to 199 mm then click OK.

32. Click 3D Create Stitches  again.

33. Click Save  in the Output box. Browse to your C:\4DEmbroidery\MyDesigns folder.

34. Click Create New Folder and name the folder '8 inch Quilt Stippling Block.



35. Open that folder and name the file 'Stippling for Stegosaurus 200.vp3' then click Save.

36. Click Save As . The folder should open to 8 inch Quilt Stippling Block. Save the design as 'Stippling for Stegosaurus 200.can' then click Save. This is the instruction file you can change later if necessary.

37. QuickLink to 4D Embroidery Extra . Click Hoop .


38. Set the Hoop Group to Husqvarna Viking Designer Diamond and the Hoop Size to 260mm x 200mm - Designer Crown Hoop.


39. Make sure the Orientation is Vertical, and click OK.

40. Click View Design  then Browse  to your C:\4D Embroidery\Samples\4D Emb\Stitch 2\Animals folder then click OK.

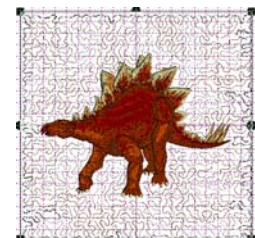
41. Click Page Down  twice and select Stegosaurus.vp3. It opens automatically centered in the hoop.






42. With the Design Viewer box still open, Browse  to your C:\4DEmbroidery\MyDesigns\8 inch Quilt Stippling Block folder then click OK.

43. Select your 'Stippling for Stegosaurus 200.vp3' design then click Close Viewer . It will be added to the original design, but not in the center of the hoop.

44. Click Center in Hoop . Now both designs are centered. See how well the stippling pattern fits around the original embroidery!!!

45. Click Combine .



46. Click Save As . Save the design in your C:\4DEmbroidery\MyDesigns\8 inch Quilt Stippling Block folder as 'Stegosaurus with Stippling 200.vp3' then click Save.
47. QuickLink to 4D Organizer .
48. In the Folder List, browse to your C:\4DEmbroidery\MyDesigns\8 inch Quilt Stippling Block folder.
49. Click on Stegosaurus with Stippling 200.vp3 to select it.
50. Click Add Trim Commands . The Add Trim Commands window opens.
51. Browse  to your C:\4DEmbroidery\MyDesigns\8 inch Quilt Stippling Block folder then click OK.
52. Click OK again to add the trim commands. A pop-up window saying that the design already exists and asking if you want to replace it will open. Click Yes.
53. Click Send 1  to send the design directly to your Husqvarna Viking Designer Diamond or as configured in 4D Configure.

To Create the Quilt Block

1. Hoop the fabric and stabilizer as usual and embroider the Stegosaurus but not the stippling.
2. When you reach the color stop for the stippling, change the tension to 4.6. Embroidery tension is pre-set so that the top thread is pulled to the back side. You don't want the top thread to show on the back of your quilt block, so you need to tighten the tension.
3. Change the bobbin thread to cotton thread to match the quilt backing.
4. Slide the batting and backing under the hoop. Continue with the embroidery.

The above instructions are for an 8" finished quilt block. The steps are identical when creating a 6" quilt block, with the exception of choosing the 150mm x 150mm Quilters Do All Hoop in all cases.