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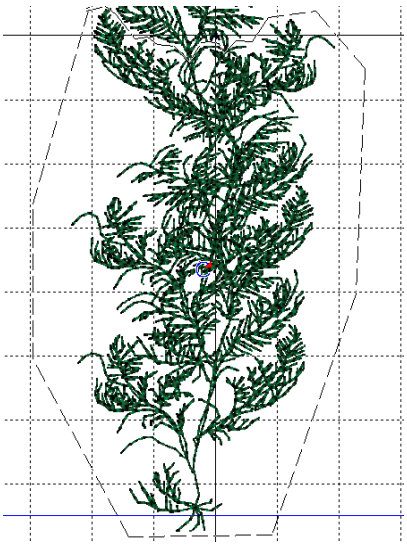
Grand Fish and Seaweed

The Pfaff creative Grand hoop has endless possibilities. You can purchase designs created specifically for this wonderful hoop or you can create your own using the Pfaff creative 3D Software. 3D Stitch Editor allows you to split designs too large and use them in the Grand Hoop. Have Fun!

Directions:

1. Open 3D Embroidery located on your desktop.
2. Open 3D Embroidery
3. QuickLink to 3D Stitch Editor.
4. Click Preferences. To create a hoop, use the drop-down arrow and select Enter Size (User Defined Hoop). Change the size to 225 x 250. On the screen tab ensure your grid size is 15. Click OK.
5. Click View Designs. Click Browse to and select C:\3DEmbroidery\Samples\3DEmb\Stitch. Close Viewer.
6. Click the Down Arrow once, and click Seaweed Fern.vp3.
7. Click Zoom-In and zoom into the middle section of the seaweed.
8. Click Polygon Select. Locate the branch of fern that is located on the left side approximately one-half grid space above the horizontal center gridline. Left click just to the left of this branch. Continue to left click across the seaweed trying to place clicks in open spaces and at nodes of branches. Continue with left clicks down the right



Supplies Needed:
Pfaff creative 2170/2144/or 2140
Or
Pfaff creative2134/2124

Pfaff creative Grand Hoop

Pfaff creative Software Required:

- 3D Suite or
- 3D Embroidery Artist and 3D Stitch Editor

Thread
Sulky Rayon Ultra 35
3001Shadow
Sulky Metallic 30
7007 Gold
Sulky Metallic Sliver 30
8003 Lt. Gold
Sulky Rayon 40
1182 Blue Black
Robison Anton Rayon Twist 35
79053 Missletoe

Inspira Tear A-Way Stabilizer

side of the seaweed and when you are lower than the bottom of the plant, left click across and then back up to the original starting position. When you are back to your starting position, right click and you will now see selection handles around the lower section of the fern.

9. Click Copy .
10. Click New .
11. Click Paste .
12. Align this seaweed in the lower left hand corner. Use the bottom and left side blue line of hoop to align. When the design is on the gridline it should change colors.
13. Click Paste .
14. If the selection handles are solid black, click Resize .
15. Select the modify tab. Change the height to 80% and the width to 75%. Click Apply.
16. Align second fern about one-half gridline from the bottom and in the center.
17. Select the Seaweed Fern tab (first tab on left bottom). Right click to deselect the selection handles.
18. Click Global Morphing . Use the drop-down arrow and select Ripple. Change the height and frequency to 50. Click OK.
19. Click Copy .
20. Select the second tab on the left side (3DStitchEditor1).
21. Click Paste . Position seaweed in lower right hand corner.
22. Hold down the Ctrl key, and drag the top selection handle until the seaweed is approximately one half grid from the top of hoop.
23. Flip horizontally by clicking on triangle on left side of design.
24. Check position so that the selection handles touch the right and is about 5mm from the right hand side.
25. Click View Designs .

26. Click Down Arrow once. Click Fish6 located in first row and first column.

27. Close Viewer. The fish appears in a new window

28. On the Design tab, click Make Block from Visible Area.

29. Select Modify tab.

30. Change the height and width to 90%. Click Apply. Right click to deselect.

31. Click Global Morphing. Use the drop-down arrow and select Skew Horizontal. A new window opens. Change the intensity to 5. Click OK.

32. Click Copy.

33. Select the 3DStitchEditor1 tab located in bottom left.

34. Click Paste.

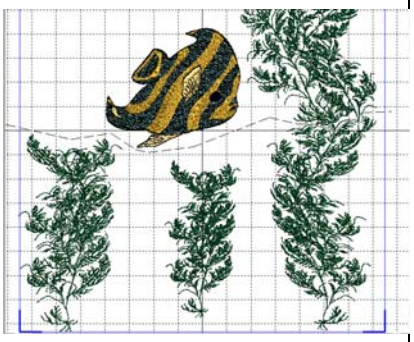
35. Position fish in the center of the hoop and the bottom of the selection handles is about one-half grid below center horizontal gridline.

36. On the modify tab, right click to deselect.

37. Zoom-in on the middle horizontal area of the hoop.

38. Click Split Design.

39. To split the design you will need to place left clicks within the overlap area. This area is not marked as well as it is in 3D Embroidery Artist. Since we made the gridlines 15 mm. you will need to keep your clicks within the area one grid above the center horizontal gridline and one grid below the horizontal center gridline. Left click once outside the hoop area around the center horizontal gridline. You should have a stretchy string attached to your cursor.



40. Look at your design and try to left click in areas without stitches within the overlap area or in areas where the split will not be as noticeable. It is important that you continue to move toward the right. If you back up you will receive an error message when you try to split the design.

After you have reached the area to the right of the last seaweed right click to deselect tool. A window will open asking if you wish to split the design on the given line. If you are happy with the way you split the design click OK. If you are not, click NO, and you can start over.

41. Notice you now have two new tabs: 3DStitchEditor1_s1 and 3DStitchEditor1_s2. Click on 3DStitchEditor1.s2.

42. Click Copy.

43. QuickLink to 3D Embroidery Artist.

44. Click Preferences. Change the hoop to Grand Hoop with the Horizontal Orientation. On screen change the grid to 15. Click OK.

45. Click Paste

46. Align the embroidery in the lower half of the hoop and center.

47. QuickLink to 3D Stitch Editor.

48. Click tab 3DStitchEditor1_s1.

49. Click Copy. After you have reached the area to the right of the last seaweed right click to deselect tool. A window will open asking if you wish to split the design on the given line. If you are happy with the way you split the design click OK. If you are not, click NO, and you can start over.

50. QuickLink to 3D Embroidery Artist.

51. Click Paste.

52. Zoom-in on middle section of hoop. Align the top half with the bottom half. Use your nudge keys for perfect alignment.

53. Click Zoom to Fit.

54. Click Combine Embroidery.

55. Click ColorSort. Click Tab key to select the other half of design being careful not to bump the alignment.

    ColorSort the other half.

56. Click Save As and save your design as fish.vp3. Your design will be saved as PAfish and PBfish.vp3.

When saving Grand hoop designs your design name should be no more than six characters in length. Both sides will be automatically saved and PA or PB will be added to the file name denoting which side of the Grand Hoop design.

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To Send your Design to your Embroidery Machine

1. QuickLink to 3D Configure and make sure your send one has been set for your Pfaff creative 2170/2144/2140. Also make sure that “Center Embroidery in Hoop” is not checked. Click Apply if you have made any changes. Click OK.
2. Set up your Pfaff creative 2170/2144/2140 to embroider, and that you are connected to your computer or have StitchLink set up.
3. Hoop your fabric for the Grand Hoop. Make sure that you have tightened both screws evenly.
4. Attach Side A of the Grand Hoop to the embroidery Unit.
5. In 3D Embroidery Artist, make sure that the selection handles are around side A. If not, use your tab key to select side A.
6. Click Send 1. Side A will be sent to the machine and will be visible on touch screen. Touch OK.
7. On the 2170/44/40, touch and drag the scroll bar at the bottom of the hoop to side B.
8. In 3D Embroidery, use your tab key to select side B.
9. Click Send 1. Side B will be sent to the machine and will be visible on touch screen. Touch OK.
10. Touch Zoom Out to check the alignment of the two sides.

    Touch Moment Icon to adjust if needed.

Saving a Design Using the Send To Option

1. Touch and hold the Multiple selection tool to group side A and side B together. Notice you should have blue lines around both side A and B.
2. Touch the file folder and click SaveAs. Click the eraser in bottom right corner 3 times until you erase new. Enter fis.
3. Click the TV in the bottom right of screen. Notice that the extension has now changed to EMB.
4. Touch OK. A bitmap will be created for both sides. The background will be blue.

5. Touch Escape. You will receive a message that the sequence has changed. Do you want to save the changes? Touch OK.
6. Main Menu. Click Embroidery.
7. Touch Card Machine.
8. Touch the picture of the sewing machine. Select side A design to bring into Grand Hoop Side A. Touch Screen.
9. Touch Reverse Sewing Button. This will recognize the Grand Hoop.
10. Move the slider to Side B.
11. Touch Mini Main Menu
12. Touch Card/Machine.
13. Touch the Sewing Machine
14. Select Side B. Click OK. The design will line up.
15. Touch and hold the multiple selection tool until both sides are together.
16. Touch File Folder. Click Save As. Touch the eraser button 3 times to erase new. Type the name of side A. The extension should be .esq.
17. Touch OK. This will create a new bitmap.

Stitching Out

1. Use the Baste in hoop feature. It will baste side A then ask you to rotate the hoop and then baste side B. This will give you some idea if you have aligned properly
2. Stitch out side A. At the end of stitching out side A, a placement stitch is added. (This is only available if you use Send to feature of the software…not available with File Assistant.) Rotate hoop.
3. Touch Reverse. The machine will jump to the placement stitch. Check Needle position. If necessary, use the fine tuning arrows until the needle is centered over the positioning stitch. If you use the wheel to check positioning the machine will move to the next stitch. Just back up if needed.
4. Touch Reverse to begin stitching side B.

Some find that calibrating their hoop each time they stitch out a Grand Hoop design helpful especially if you are not experienced in hooping.