



Embroid

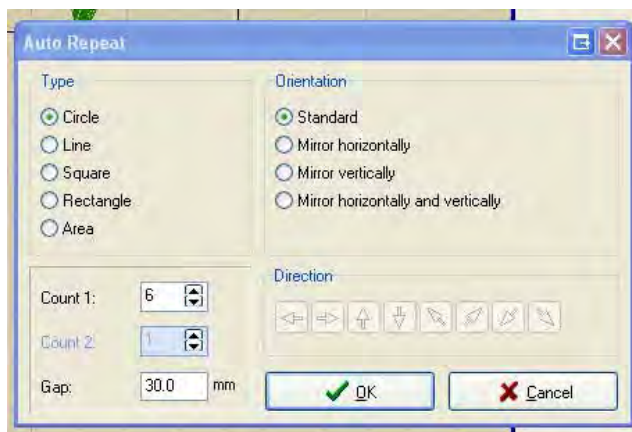
A lesson using the following features in Embroid Editor: rotate, auto repeat, circle, smart color sort and merge

I am using the latest version of Embird 2008 Build 8.4

1. Open Embird, choose Options on the top menu and make sure that Show Hints is ticked.
2. Now choose Editor on the top menu to move to the Editor screen.
3. Click Options, then choose Measure in Millimeters
4. Click on the Hoop Icon on the top toolbar, then Standard 2, then select Janome MC11000 Square Hoop (200x200mm). This does not mean that we are creating a Janome design, it is just a shortcut to get a 200x200mm hoop. You could also create the hoop in Custom Hoop.
5. Click on the Open icon on the top toolbar (or File/Open)
6. Go to C:\Program Files\EMBIRD32\Files and select campanula.dst
7. Click on Edit on the top menu, then Rotate, then Rotate Right
8. Move the design to the top of the hoop and Center Horizontally by clicking on the icon on the Design Toolbar on the left hand side of your screen.



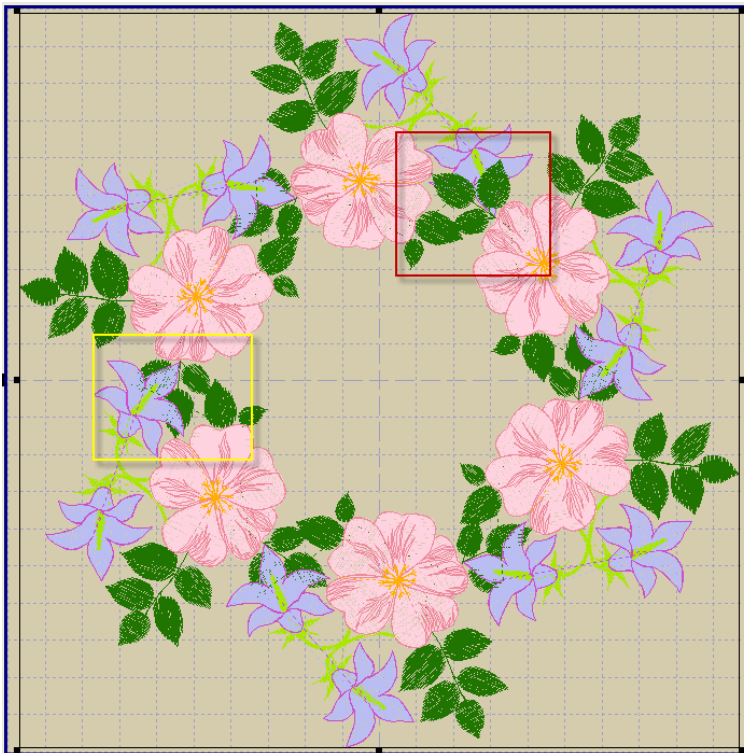
9. Click on the design to make sure it is selected.
10. Edit on the top menu, then Auto Repeat.



11. Choose the following options: Tick Type Circle, Orientation Standard, then make the Count 6 and the Gap 30.0mm.
12. Click OK
13. Click the Center icon on the Design Toolbar to center the design.



14. Now look closely at the design to identify the problem areas.



Red box: the green leaves are covering the mauve flower

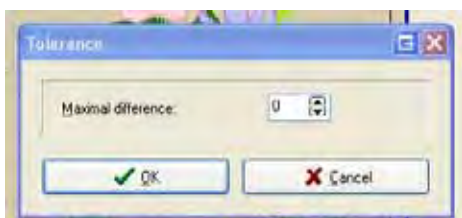
Yellow box: the green leaves are covered by the mauve flower, but the design will be too dense, because the leaves will sew first and the mauve flower on top of it.

These problems are very easy to solve!

15. CNTRL + A to select all of the designs, then click on the Join icon on the top toolbar.

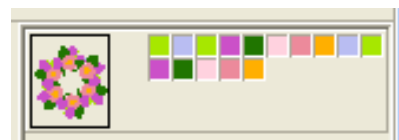


16. Now click on the Smart Color Sort icon on the top toolbar.



17. Click OK to accept the default Tolerance .

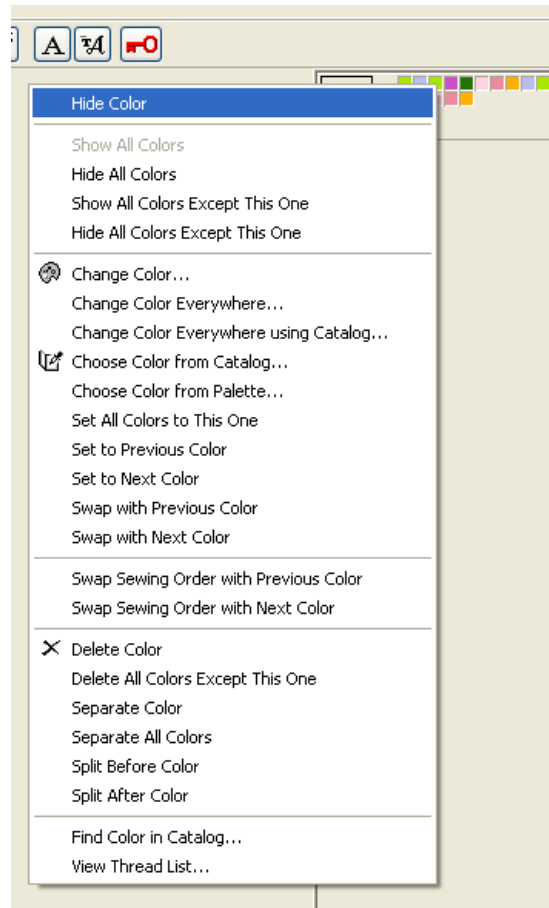
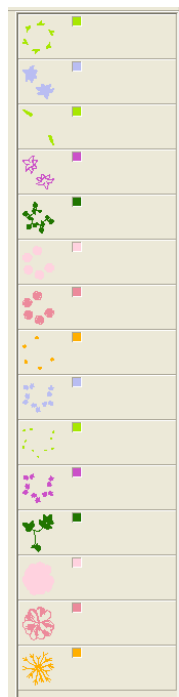
Now if you look at the design in the Object Bar, you will see that the colors have sorted and you have a lot fewer color changes.



18. However, if you use Sew Simulator at this stage, you will see that we still have some work to do. For some reason (who knows with computers?) the mauve flowers in the first group have failed to sort and the last group of flowers failed to sort.

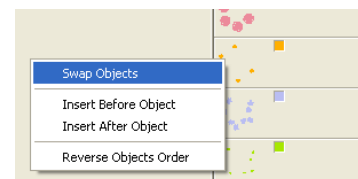


20. Right mouse click on any one of the little color bars in the Object Window, and then choose Separate All Colors.



Now we can see each of the colors and the order in which they will sew out. We are going to change the position of some of these manually.

21. Select the gold center (the bottom color block), HOLD DOWN the left mouse button and drag it up to the rest of the gold color and select Insert After Object.



22. Do exactly the same with the dark pink, light pink and dark green color blocks, using Insert After Object in each case.

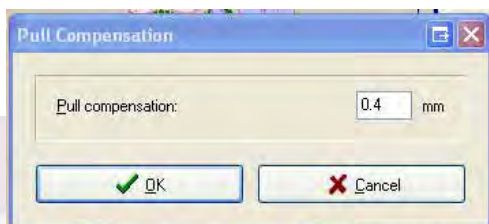


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23. Now we have to move the mauve flowers from the first group to join up with the rest of them.
24. Select the mauve block (second from the top), HOLD DOWN your left mouse key and drag it down to the rest of the mauve, this time choosing Insert Before Object.
25. Move the second Object again, the two small lime green bits down to the rest of the lime green block (second from the bottom) again using Insert Before Object.
26. Now move the cerise outlines, using the exact same process, Insert Before Object.
27. If you examine the design again now, you will see that we have solved the problem we identified back on page 3, in the red box.
28. Run Sew Simulator again and you will see that the design will sew out in the correct order.

Now we are going to solve the problem of the overlapping stitches that would cause a density problem with the design and result in an ugly sew out if we left them the way they are.

29. First select the two green color blocks and join them, using the Join Icon on the top toolbar.
30. Then select the two mauve color blocks and join them, using the Join Icon on the top toolbar.
31. You will now have only one green and one mauve color block.
32. Select the green block and then HOLD DOWN the CTRL key to also select the mauve block. It is important that both blocks and only these two blocks are selected.
33. Click on Edit on the top menu bar and select Mask. Masking these two colors will remove the green stitches from beneath the mauve ones.



Use 0.2mm for the Pull Compensation. Click OK



The Pull Compensation allows for the overlap between the two colors, so that you don't get a gap between them when you sew out the design.

34. CTRL + A to select all of the objects in the Objects Window, and join them by clicking on the Join icon on the toolbar.
35. Run Sew Simulator to check that the sew out order is correct.
36. You will be able to see that the part of the leaf under the mauve flower has been removed, though the colors still overlap.
37. Go to File on the top menu, then Save As, choose the format that you need for your machine, tick Center in hoop, then OK.

Congratulations! You have created another block! Ready to test sew! The best way to learn this software is just to keep playing with it!

I hope you enjoyed this lesson.

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