

## Pantograph - edge 2 edge designs

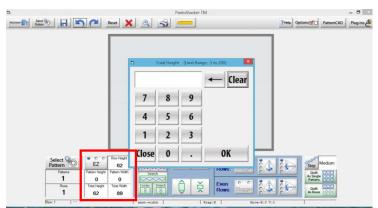
For those of us who are running a business or even just starting out, a pantograph quilt is one of the fastest ways to get our Quilters Creative Touch 4 to pay for itself – so let's get started. First measure your quilt top. It is important to measure the width and depth and I often will measure across the middle and both side edges just to see if there are any problems before starting. Check all seams (no holes you don't want your quilting foot to get caught).

Ok, so here we go – so let's say our quilt measures 62' x 89' (if possible frame the quilt using the longest side less rows to quilt). If the quilt top measurements weren't quite right use the largest width measurement as this will avoid the pattern from finishing short. It looks better if the pattern finishes under the binding.

Frame you're backing, then you're batting onto the quilt frame, and then your quilt top. Always stitch the top edge of the quilt down as this avoids the quilting foot from ever getting caught under the quilts top edge. Also stitch down the sides of the quilt as you go trying to keep the quilt as square as possible. Measure and tweak the top if necessary when your roll forward.

Ok, so now we are ready to set up Quilters Creative Touch 4. Make sure machine power is on, Needle is UP, you are in Stitch Regulator mode, turn on the Quilters Creative Touch 4 carriage, and make sure that both belts on the carriage are engaged. Move the carriage to the centre of the sewing area. Turn on the Tablet and select the Quilters Creative Touch 4 Icon. Follow the prompts on the screen. Your machine will cycle through recognising that carriage is on, and verifying software. The carriage will move slightly this is why it's important to have the needle in the Up position.

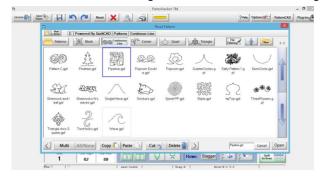
From the home screen select Pantographs.



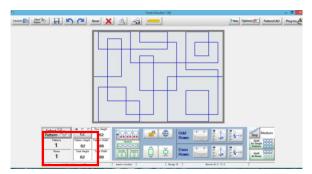
Quilters Creative Touch 4 will open in the default of EZ Mode – this is ok for simple geometric style designs.

Ok so let's set our quilt measurements, Select Total Height – ok now do total Width – ok (or you could have used your ruler icon and applied measurements. You will see that I have already set my length to 62 x 89, and that we are in EZ mode now select pattern.

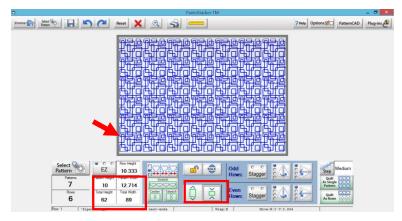
Now to chose the designs we wish to use – scroll through the pages until you fine Pipeline – select







It has brought the design in, but we need to make adjustments, so that it looks good on the quilt. Select Pattern Height to say 10" which will give us 8 rows and the pattern width to 12 this will give us repeats.

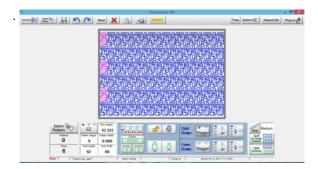


The design is now there, but I really don't like the way it is nesting so I now make a few quick adjustments.

I don't want the pattern to appear on top of the other row. By selecting the arrows I can change the appearance until it's more ascetically appealing. This automatically adjusts the pattern size.

You will see that I have adjusted the space between the rows and have selected Odd Rows.

Because I am happy with the design I will now select the save at the top left of the screen, Always make sure the entire quilt layout is displayed on the screen when you Select save. This can save time and stop frustration, as once it's saved you can always go back and restart where you left off.





## Pantograph in Basic Mode

Now I will quickly show you why I usually use Basic mode. Really it's because we have more options for nesting and this is especially important with designs that are undulating and that need to be offset.

Make sure machine power is on, Needle is UP, you are in Stitch Regulator mode, turn on the Quilters Creative Touch 4 carriage, and make sure that both belts on the carriage are engaged. Move the carriage to the centre of the sewing area. Turn on the Tablet and select the Quilters Creative Touch 4 Icon. Follow the prompts on the screen. Your machine will cycle through recognising that the carriage is on, and verifying software. The carriage will move slightly and this is why it's important to have the needle in the Up position.

Open Quilters Creative Touch 4 and select Pantographs in the Home screen. This is taking you to the Panto Stacker design element of Quilters Creative Touch 4.

Set Safe Zone: Safe zone should be set outside your quilt top.

- 1. Move machine to top left corner of safe zone, which should be the top left of your quilt top, in the batting area.
- 2. Move machine to the bottom right of the quilt top, of the right side of the quilt.



Top Left

3. Change Mode, change panto mode from EZ (default) to Basic, to do this simply select the Mode Icon, Select Basic.



This gives us more options for our designs on our quilt tops.

Set total width Select our Ruler Icon at the top centre of the screen



Now move the machine, place the needle at the top left edge of your quilt top fabric - this is where we would like the quilting to start and finish – I like to start of the edge and finish off the edge so all stitching will be under the binding when finished. Now move to the right side bottom.



Select Left side of this button

Select Right side of Button



**Select Apply Measurement** 



All your stitching will now start 1 Inch off your quilt top and finish an 1 Inch off the quilt top if that is what you have selected.

Set Total Height – Select the bottom left of the screen a box will appear,



You will need to Select or type the exact measurement of the entire height of the quilt. (Always measure the total Height and width of the quilt top before you put the quilt on the frame) This is not the measurement visible between your rollers but the total height of the quilt top.

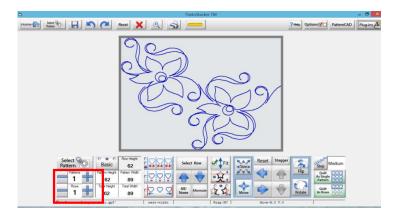
Select Pattern –



from the tools menu on the left of the screen - Then select Continuous Line



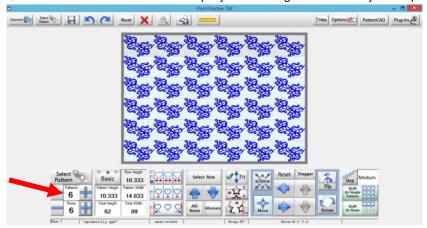
Double tap the design you want – or highlight the design and select. (This is a design that has been imported – so don't worry that you don't have the pattern I have shown.)





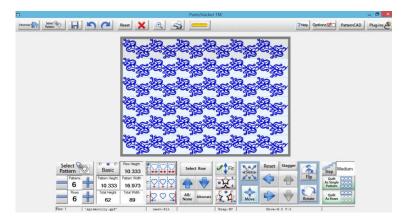
Design your Panto – Select the Plus signs next to Rows and Patterns – You can click on the Minus sign to remove rows or patterns. As you are adding rows and patterns you need to pay attention to the Pattern Height and width, most patterns come with a recommended size. I usually decide how many rows will look good on the quilt and decided how many repeats will look good.

I have a Qnique 21, so looking at the pattern Height I will be able to stitch the rows without any problems. Quilters Creative Touch 4 automatically adjust the sizing for us as we adjust the pattern repeats and rows.



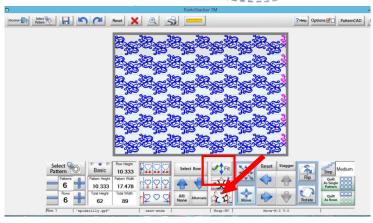
Notice at the bottom of the screen there is information displayed – it shows the pattern name that the nest is set to width, my wrap is set to Horizontal and vertical and the size of the pattern.

Nest Designs — At the moment the nest button is set to width- it evenly spaces the pattern across the width of our quilt. So when I Select the nest icon it changes to nest fit, its whole appearance has changed. By selecting this icon you will be able to see how patterns change. The pattern fits the entire quilt top. I have now checked the fit.

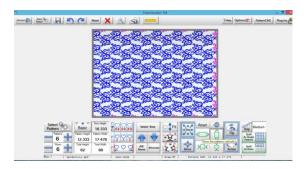


I have now selected nest ends, notice that there are now partial repeats, sewn at the end. I will now make sure the Fit is checked. Next I will check the size and remove some of the space between the rows





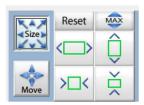
Ok, so I selected the size icon and played with the size which Quilters Creative Touch 4 automatically adjusted for us, but I still had space at the top of the quilt I wasn't happy with. So I unchecked the Fit button, this is why I now have partial pink rows at the top and bottom. I am happy with it so it's time to save the design and then start quilting.





There are so many options within basic mode it's something that you really need to try with simulation mode and have fun.

It's important to note – that changes will only apply to selected rows. Use the select Row to apply changes, you can select All, None, or toggle between alternating rows. You can also use the "Select Row" button to select individual rows for manipulation, simply tap to select, this makes the row that is highlighted active.



If you Select Size Icon, new boxes appear to the right, use these boxes to make your designs taller, shorter, wider or thinner. This will only affect the rows that you have selected to be active.



If you Select the Move Icon, new boxes appear to the right, pay close attention to which rows are active, you can control how far the row moves by Selecting the "Step" Icon on the right of the screen (range is from tiny to Jumbo steps) You can use these boxes to move your active rows to the left or right, Select Stagger Icon to move them exactly half the size of the design.







Flip & Rotate – Select this Icon if you wish to flip or rotate designs usually after choosing Alternating rows

Need a closer look Select the Zoom Icon tap within the straight bar that appears in order to see zoom percentages within your design

Select Fit to return back to full view of quilt

Remember that you can always Reset and start over, or Select the Undo Redo buttons, a quilter's best friend.



## Let's Quilt

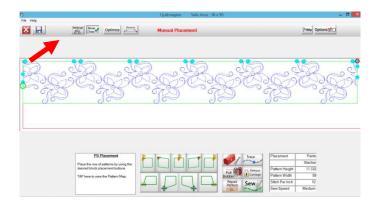
Measure the top with your tape measure, Load quilt to frame. Turn machine on make sure you are in stitch regulator mode, needle up position, tablet turned on, Quilters Creative Touch 4 selected on tablet, Move the carriage to the centre of the sewing area. Turn on the Tablet and select the Quilters Creative Touch 4 Icon. Follow the prompts on the screen. Your machine will cycle through recognising that carriage is on, and verifying software. The carriage will move slightly this is why it's important to have the needle in the Up position.

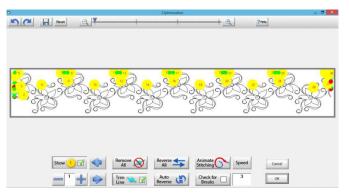
- 1. Select Pantograph from the Select & Sew Menu, follow the prompts and set safe area.
- 2. Enter the measurements your quilt into Total width and Total Height.
- 3. Change the Mode to Basic
- 4. Select the pattern that you have saved.
- 5. Select Quilt as a Row, this may take a couple of minutes to load depending on the file size.





6. Your first row will appear ready for you're to quilt – If you see Blue Dots on the screens – these are breaks (jumps) in the pattern and we don't want these as the machine will stop constantly, so we will need to get rid of them simply Select Optimize found at the top of our screens.

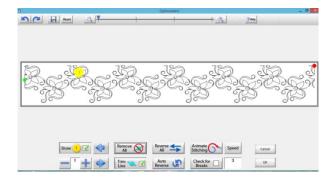






7.

We now need to Select All a message will appear on our screen. Select No in response to "do you wish to connect the first and last points. Your screen then should resemble this, Select OK





8. To let Quilters Creative Touch 4 know where you want it to start stitching the 1<sup>st</sup> row of your panto, move the machine to upper left corner of your quilt top, and tap where you want it to start. You may use either Upper Left or Upper Right. I usually just use upper left.



9. Now open Select setting's



 You should now check the sewing speed for most pantographs Medium is great, and I set my tie of stitch count to 4 and uncheck Automatic Bobbin Pull.



- 11. You are now ready to stitch. You can either use the Pull Bobbin feature or you can have the Quilters Creative Touch 4 move to start, I personally just move the machine to close to the start point and then Select Sew and manually pull bobbin.
- 12. Hold onto both threads and choose sew.
- 13. Remember it will quilt the first almost full row and then go back and quilt the partial row at the very top. Then it will scroll to the 2<sup>nd</sup> row. This is a bit confusing at first, but you will get the hang of it.
- 14. Congratulations first row has now been completed



15. You will get one of two messages Either The next row has been placed ....... Or "The pattern is not within Safe Area....."

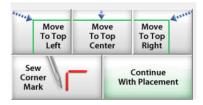




16. Next row does not fit within your defined safe area select ok,

Now Select Move to top Left Mark with a Water soluble pen or even a pin if you like.





17. Select continue with Placement,





After placing this first mark, I always measure the distance from the last row of stitches to the new start point, with a quilting ruler, - this is my back up in case I don't tell Quilters Creative Touch 4 to mark the next row.

Roll your quilt forward until it is in the safe zone area, remembering to stitch down either side of your quilt so that your quilting foot cannot get caught, and check that you quilt top is staying square

To start stitching again, let Quilters Creative Touch 4 know where it should start stitching the next row. Simply move the machine to the marked spot, on the quilt top that you made. If the screen on Quilters Creative Touch 4 is pink it mean that you did not roll on the quilt top enough and the next row is not completely in the Safe Zone simply roll on some more.

Machine will move to the start point manually pull bobbin then Select Sew.



18. Keep Quilting, following steps until quilt top completed.

## **Explanation of the Placement Methods**

- **1. Top Left Corner** Uses the Top Left corner of the row as the marker to place the row. This method will not distort or change the size of the row.
- **2. Top Left Corner Distort** uses the Top Left corner of the row as the marker to place the row. This method has the ability to distort and change the size of the row.
- **3. Centre** Uses the top Centre point of the row as the placement marker. This method will not change the size of the row.
- **4. Top Right Corner Distort** Uses the Top right corner of the row as the marker to place the row. This method has the ability to distort and change the size of your row.
- **5. Top Right Corner** Uses the Top Right corner of the row as the marker to place the row. This Method will not distort or change the size of your row.



- **6. Move Lower Left** Extends the bottom left of the pattern, distorting the pattern angle while retaining the pattern height.
- 7. Distort Lower Left Extend the bottom left of the pattern, distorting the pattern angle and height.
- **8. Distort Lower Right** Extends the bottom right of the pattern, distorting the pattern angle and height.
- **9. Move Lower Right** Extends the bottom right of the pattern, distorting the pattern angle while retaining the pattern height.

**Important** – You must use 1, 3 or 5 for the first row placement option. These are anchor points; they will lock the Pantograph on the placement screen. Once they are set you can then adjust with the other placement options. If you set these points after the placement it will reset to the new anchor.

