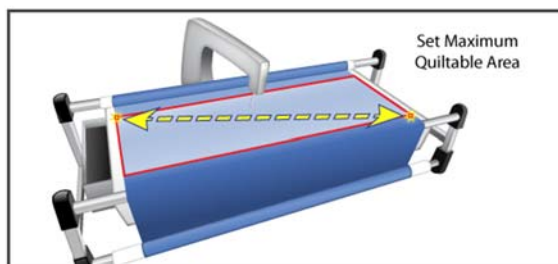# Block Pattern - Power Placement

From the Home screen of your software Tap - Select & Sew

You will see that Power Placement is the default in the software.
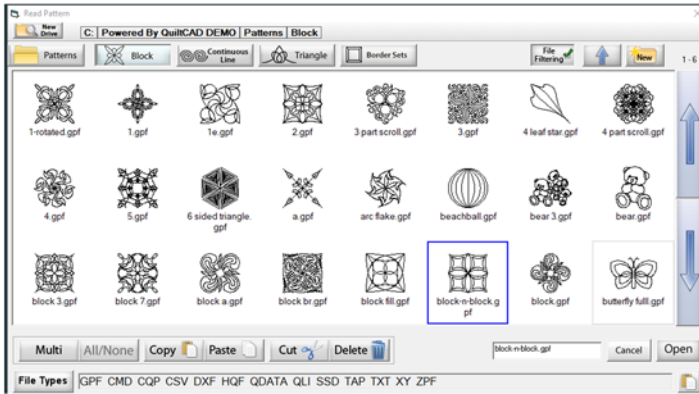
Follow the prompts on your screen and Set the Safe Area.

To Set "safe Area" you will need to move the machine to the top left and Tap the screen then the bottom right, Tap the screen - as shown in the example above. I usually set it to the size of the quilt backing

This tells the QCT5 software the area that it is safe to sew in.

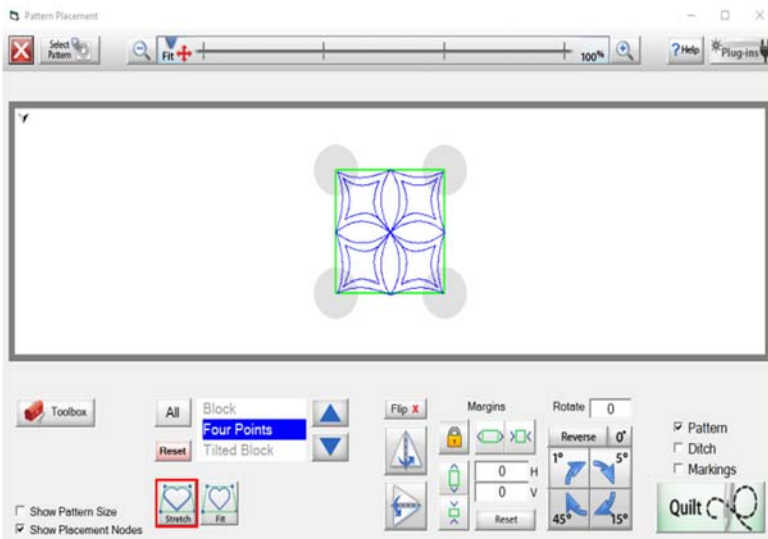You will now see our Block Library Screen

Use the blue arrow keys to scroll through the designs

Select the design you would like either by double taping or select to highlight the design then select Ok.
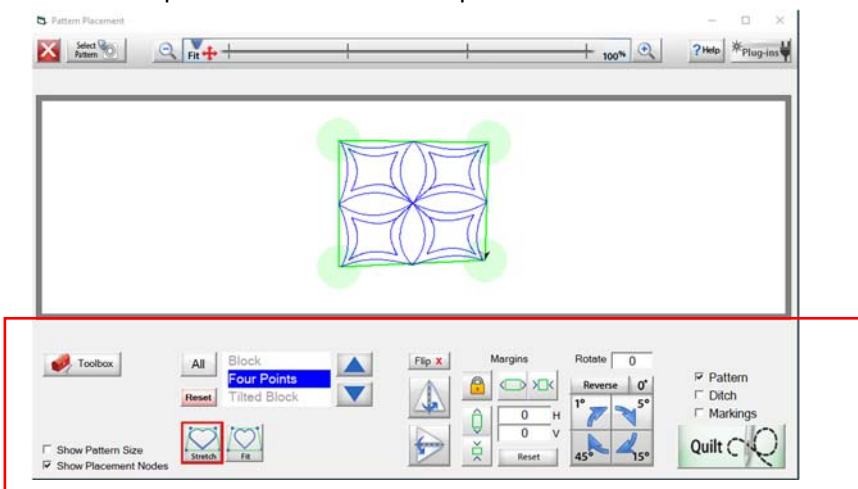
Your quilting design will now open in the Pattern Placement screen - Power placement method

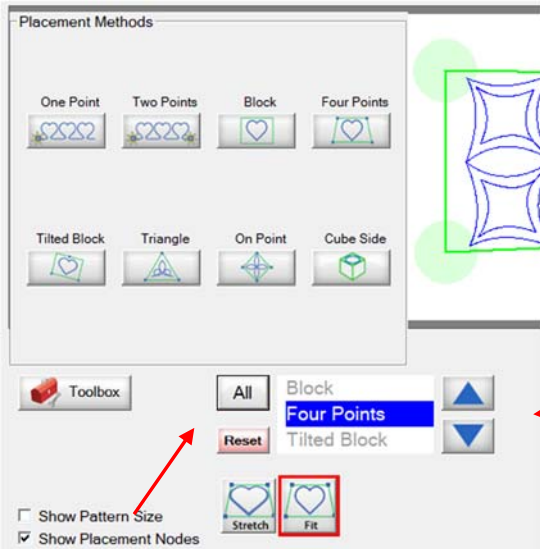By default the software will open with the last used Method of placement -

Our quilting design now needs to be placed - the grey dots are our "Handles" - the screen indicates that we have Four Point placement selected - this means we can place each of the four corners of the block. Move the sewing machine needle " Precisely" to the corresponding position on the quilt block and Tap the corresponding grey dot to register the point. Continue until all points are placed. - the grey handles will change to green when placed.

The entire pattern will move to the position selected.

Menu Tool Bar – Allows you to access your desired pattern, change your settings
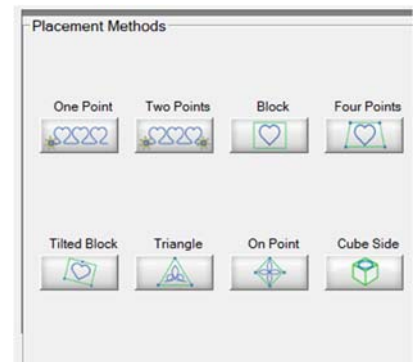
To change the Placement method Tap All - from the pop up menu. You will now see the different placement methods

You will note that selecting the different Methods gives very different choices as to how the deisgn can now be place with the Grey handles. If you wish to return to the previous settings, simply tap Reset.

Use the blue Arrow up Down Keys to scroll

Understand the Placement Methods

- Tilted Block – This unique option will tilt a block deisgn by deisgnating the bottom left corner of the block then the bottom right corner – this is setting the width and angle of the pattern. Then designate the top of the block, this has now created the actual height of the block that you wish to quilt. It is creating a square but on a tilt. You also have the option of Fit or Stretch in this method. When using Fit, the deisgn will be perfectly scaled to the designated points; the aspect ratio of the pattern is retained. Strectch – The pattern will be stretched to fit the designated points; Height and or width expanded to the shape of the Block.

- Four Point – This method uses the designated 4 points of the quilt block for placing the pattern – Top Left, Left Bottom, Bottom Right then Top Right. You also have the option of Fit or Stretch in this method. When using Fit, the deisgn will be perfectly scaled to the designated points; the aspect ratio of the pattern is retained. Strectch – The pattern will be stretched to fit the designated points; Height and or width are expanded to the shape of the Block.
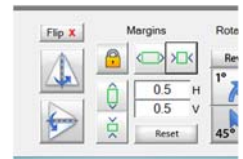
Understanding the Fill Methods

- Stretch means the pattern will be stretched to fit the block area, if necessary to fill the space you have designated. – If the block is square but you have designated the four points and its a rectangle, the block will be perfectly stretched to fit the whole of this space.
- Fit - This means the pattern will literally be fitted to the designated point's of Top Left and Bottom Right : So the design was 8 x 8 square, but the block is a rectangle 7 ½" x 9 ½" – this
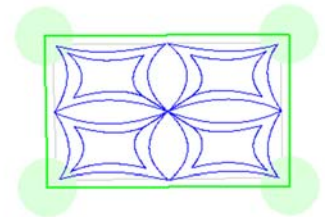
means that it will end up a square stitched at 7 ½" even on the 9 ½" side. The aspect ratio of the design is maintained.

Margins

- When Custom Quilting these tools can be very useful. Here I can set the Margins for where I would like the pattern design to sitch, although I have selected the Fit option and Stretch, I would like the pattern to be stitched within ¼" margin so that I can select the Ditch option once the pattern has been stitched
  Margins Increase or decrese the size of the pattern block that will be quilted or select the Ditch Icon for a design to be stitched within a 1/4" margin of what has been placed - set your margins at your desired width – the light grey line shows the offeset of the block.
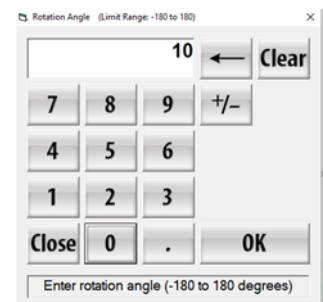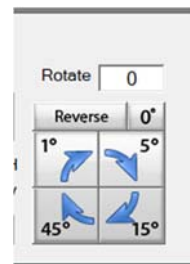
When locked it will set size both margins Horizontal and Vertical equally in both Directions Tap to unlock - you can now individually change either the Horizontal or Vertical margin size.
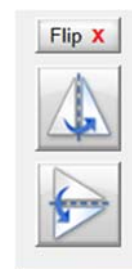
Rotate

Tap any of the blue keys to rotate the design- reverse direction by tapping Reverse - or tap 0 for a pop up menu for you to enter your own desired measurement.
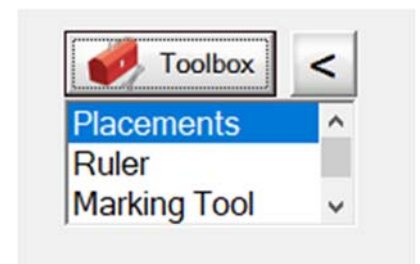
Flip

Tap the Flip Icon to flip your pattern Horizontally or veritically

ToolBox

Tap the Toolbox to see more options - as you tap each one - different options will be displayed on the screen - use the arrows to scroll through the options.
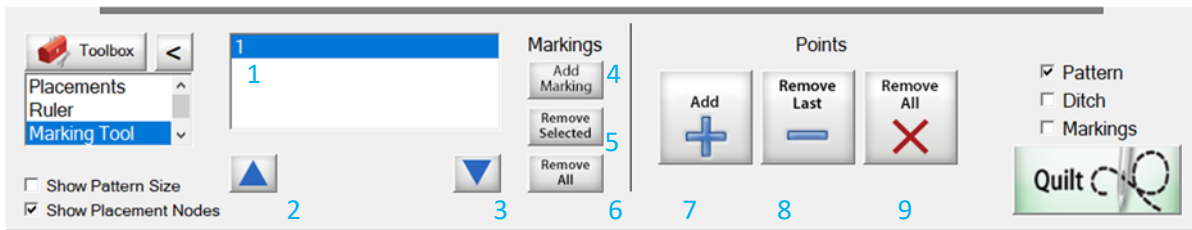
Ruler

The Ruler can be used to measure between points as well as finding the centre of a line. Move your needle to the first point of the line you wish to measure and Tap Start Point, move to the end of the line and Tap End Point. The distance measured from start to end points will be displaed under "Length

Tap - Move to - Each correlates with either the start finish or middle of the design.

Tap - Release carriage – the machine will now move freely

Marking Tool

Important Pattern Must be placed before using Marking Tool

Use this option to mark a design on your screen that is a defined area on your quilt top - Move your sewing machine needle over a point on your quilt that you would like to capture - Tap Add Point - as you add points, they are immediately transferred to the tablet screen.

1. Current Markings List - This is a list of the current Markings on your quilt

2. Select Marking Up - changes the highlighted Marking going up the list.

3. Select Marking Down - changes the highlighted Marking going down the list.

4. Add Marking - opens the on screen keyboard to name the Marking

5. Remove selected - Removed the highlighted Marking

6. Remove All - Removes all markings in the ist.

7. Add Point - This will add a point for marking on the quilt

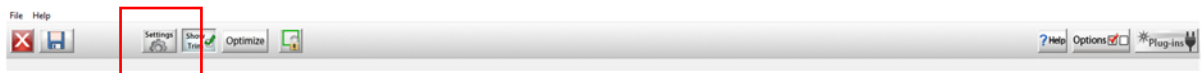8. Remove Last - removes the last point added. This cab be clicked nuliple times.

9. Remove All - remove all the points that were added for the current Marking.

Once your pattern has been place you are ready to quilt - by default the software selects Pattern - tap the quilt icon

If you also want to stitch the ditch you will need to Tap Ditch it to select.

Our quilting interface screen now opens

Select Settings from the menu at the Top of the screen - You can now Tap to select your desired sewing speed – increase / decrease the number of Tie off stitches - Set the number of Stitches per inch - when happy with your settings Tap OK .

- Tap Sew.