

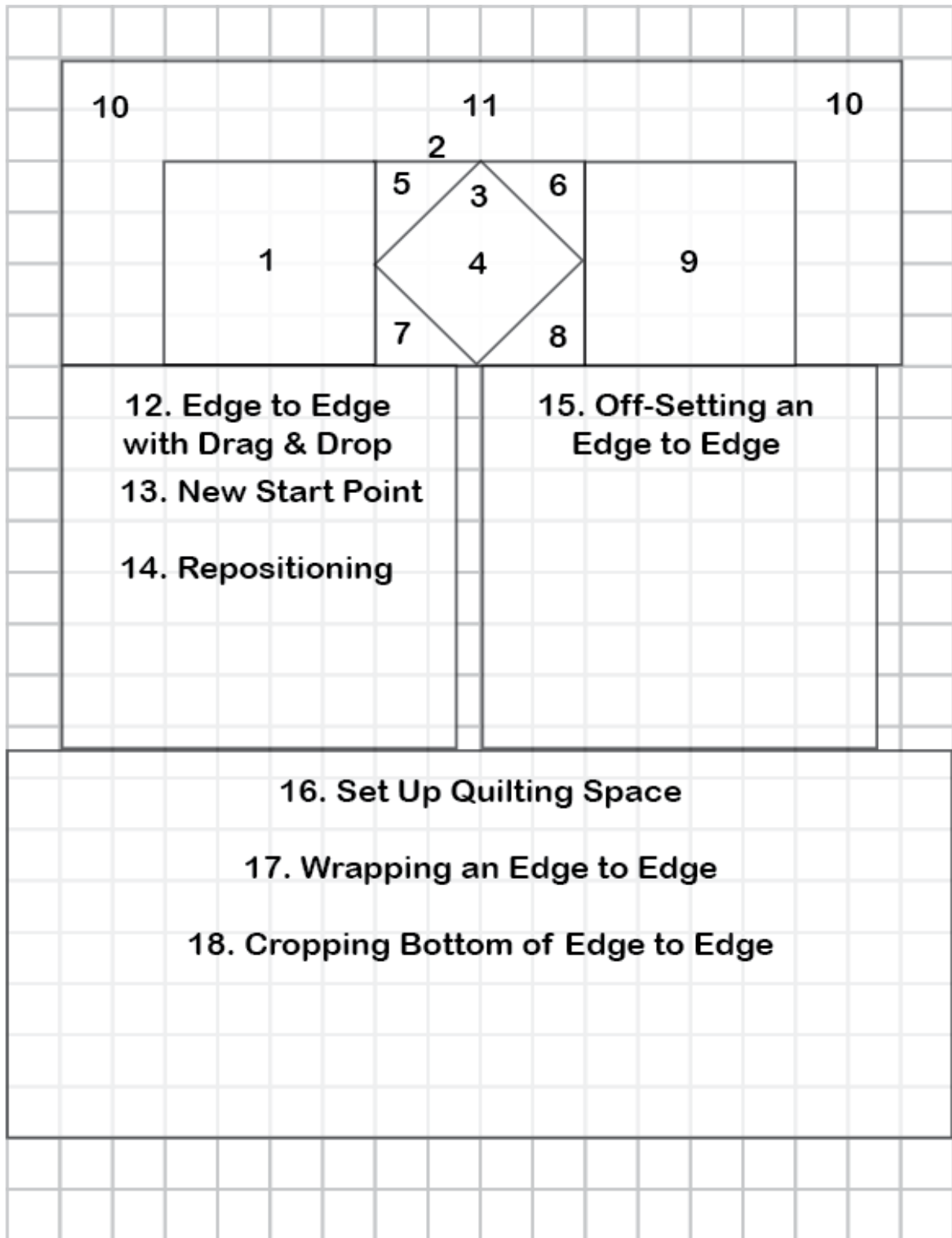
Pro-Stitcher®

Getting Started with Pro-Stitcher™ for Premium & Lite

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This tutorial is designed to be used with preprinted 2" grid fabric, size: 36" x WOF. Pin selvedge edge to leaders. Each square = 2".



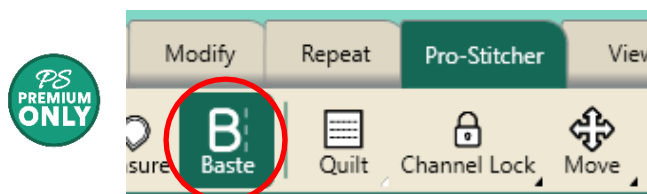
Pro-Stitcher®

Stitching a Plumb Line

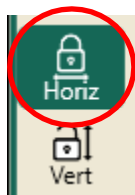
- *There are two methods available for stitching a plumb line and basting your quilt top: channel locks and the Move feature.*
- *To keep your quilt top square and straight as you are quilting, always do this first and baste your side every time you advance your quilt.*
- *Also, be sure to baste your quilt top bottom before stitching the bottom of the quilt.*

Channel Lock Feature to Stitch Plumb Line

- Align your batting to the top of your backing fabric, just below the pins.
- Align your quilt top about ½” down from the top of the batting.
- Move your machine so the needle is even with the top left corner of the quilt top.
- Select **Pro-Stitcher** tab.
- Press **Baste**.



- Select the **Horiz** button from the Quick Access Toolbar.



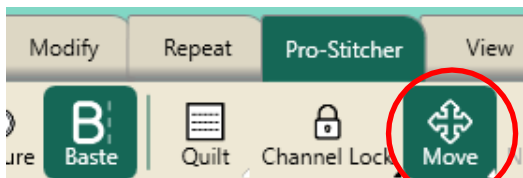
- Fold your quilt top back about 6” from the top.
- Push the Start/Stop button on the right handlebar to turn on your machine. Stitch across just the batting, from left to right, across the top of your quilt.
- Cut your threads. Touch the Horiz button to turn off channel lock.
- Move your machine back to the left side of your quilt top.
- Pull your quilt top back up; aligning the top edge of the quilt top with the plumb line you just stitched.
- If desired, you place a few pins a couple of inches down from the top edge of the quilt to hold it in place.
- Align your machine with the top left corner of your quilt top, then move it a scant ¼” down. Press **Horiz**.
- Stitch across the top, securing the quilt top in a straight line.
- When you reach the top right corner, stop your machine a ¼” away from the right edge of the quilt.
- Push the **Vert** button. Stitch down the right side of your quilt.



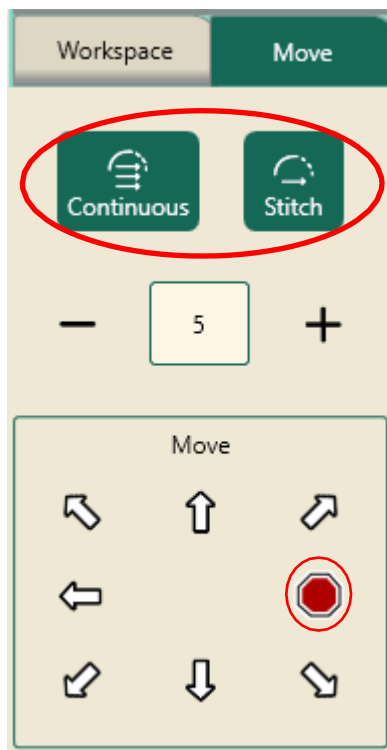
- Clip threads when you reach the bottom of your throat space.
- Repeat on the left side of the quilt.
- Press **Baste**.

Move Feature to Stitch Plumb Line

- Align your batting to the top of your backing fabric, just below the pins.
- Align your quilt top about ½” down from the top of the batting.
- Move your machine so the needle is even with the top left corner of the quilt top.
- Select **Pro-Stitcher** tab.
- Press **Baste**.
- Press **Move**.



- Fold your quilt top back about 6" from the top.
- In the sidebar, select **Continuous** and **Stitch**.
- Press the arrow pointing right. Your machine will stitch in a straight line across the top of your batting.



- Press the Stop button when you reach the end. Clip your threads.
- Move your machine back to the left side of your quilt top.
- Pull your quilt top back up; aligning the top edge of the quilt top with the plumb line, you just stitched.
- If desired,

you place a few pins a couple of inches down from the top edge of the quilt to hold it in place.

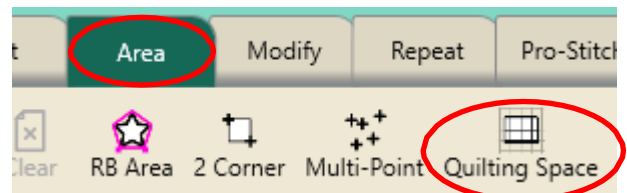
- Align your machine with the top left corner of your quilt top, then move it a scant 1/4" down.
- Press the arrow pointing right. Your machine will stitch in a straight line across the top of your batting.
- Press the Stop button when you reach the end.
- Press the arrow point down and baste the right side of the quilt.

- Press the Stop button when you reach the end. Clip your threads.
- Repeat on the left side of the quilt. Unselect Baste.



Quilting Space

- Select **Area** tab.
- Move machine to top left corner of throat space.
- Press **Quilting Space** on the ribbon.



- Move machine to bottom right corner of throat space.
- Press **Quilting Space** on the ribbon.
- Quilting Space is now set up on workspace.
- It will remain in the same position until you clear or shut down your machine.



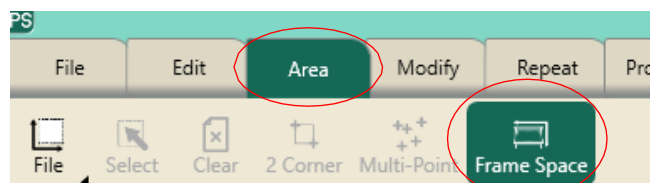
***Pro-Stitcher Tip:** Quilting space is a visual representation of the amount of quiltable space you have in your frame. This allows you to easily see if a design can be stitched within the throat space of your machine.*



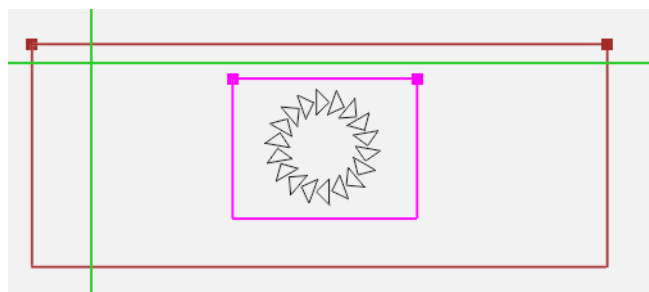
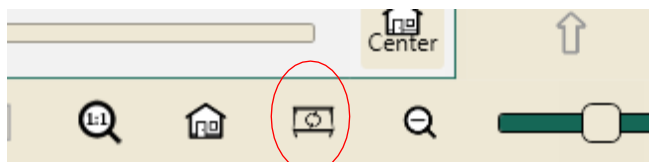
To quilt with PS Lite, you must set up Frame Space first.

Set up Frame Space

- Select **Area** tab.
- Move machine to the top left corner of your frame. On the ribbon, press **Frame Space**.



- Move machine to the bottom right corner of your frame. On the ribbon, press **Frame Space**.
- Press **Refresh to Frame Space** in the bottom right corner of your screen to see your entire frame space, design, area and crosshairs in your workspace.

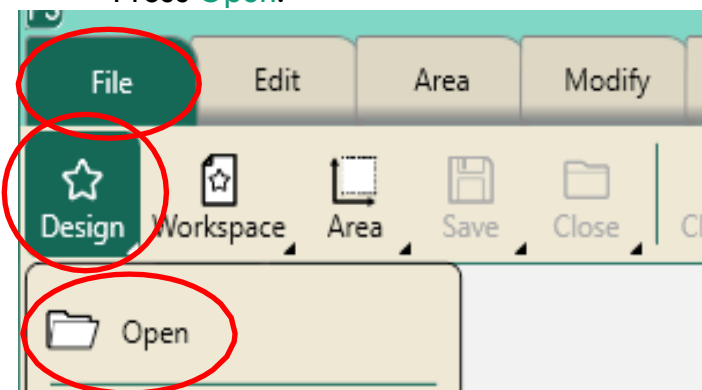


Your frame space shows in **red** in your workspace and stays in one place on your workspace until you clear it (in the sidebar) or disengage your gears.

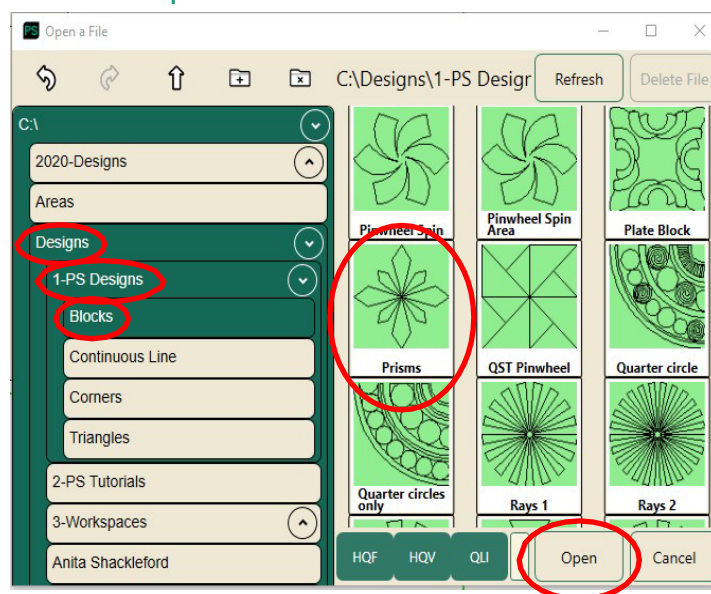
1. Quilt a Block

1.1 Select a Design

- Select **File** tab.
- Press **Design** on the ribbon.
- Press **Open**.

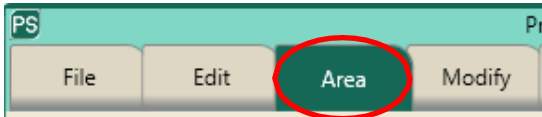


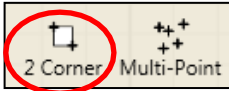
- Select Designs/1-PS Designs/Blocks/Prisms
- Press **Open**.

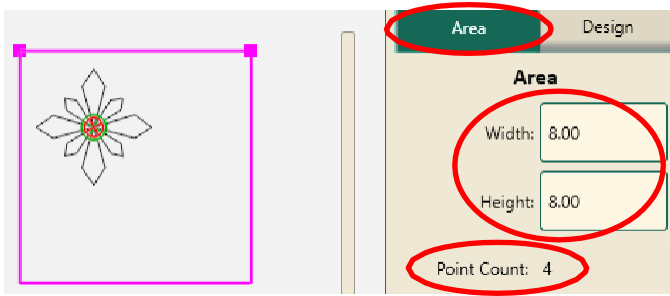


1.2 Create an Area

- Select **Area** tab.



- Move machine to the top left corner of the quilt block.
- Press **2 Corner** on the ribbon. 
- Move over 4 squares and down 4 squares. Press **2 Corner** on the ribbon.
- Check the area size in the sidebar on the right of the screen.
- Area should be about 8 in the width box and 8 in the height box.
- Point count is 4.



- Press **Refresh** in the status bar at the bottom right of the screen.
- The area, design and crosshairs will be visible in the workspace window.

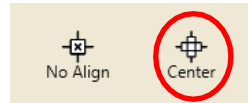


1.3 Align Design

- Select **Modify** tab.
- Press **Align** on the ribbon.

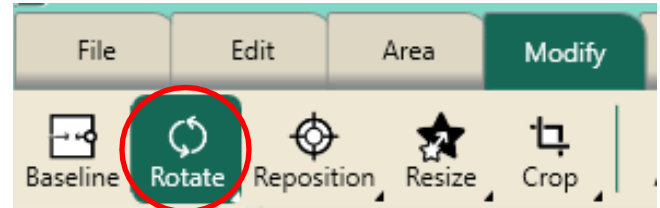


- Press **Center** in the sidebar.



1.4 Rotate Design

- Press **Rotate** on the ribbon.



- In the sidebar, press **45** to rotate counterclockwise.



- Press **Baseline** in the Quick Access Toolbar.



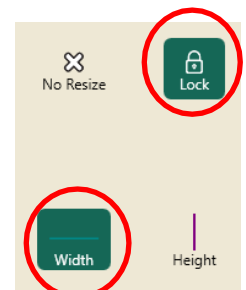
1.5 Resize Design.

- Press **Resize** on the ribbon.

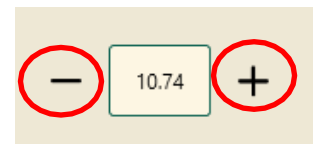


- In the sidebar, select **Lock** and **Width**.

- Use the plus and minus buttons in the bottom of the sidebar to adjust the block size to fill the area.



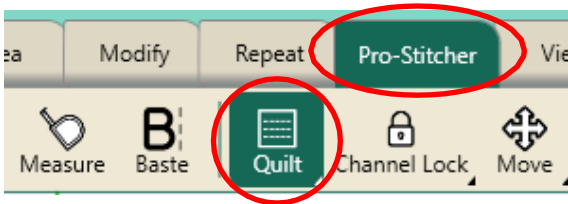
- To fine-tune the size, you can un-select the Lock button and just change the height or width.



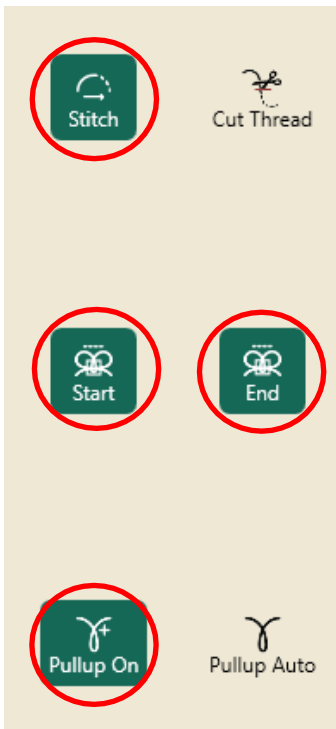
- **Baseline**.

1.6 Stitch the Design

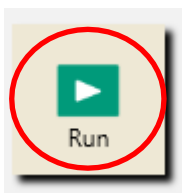
- Select **Pro-Stitcher** tab.



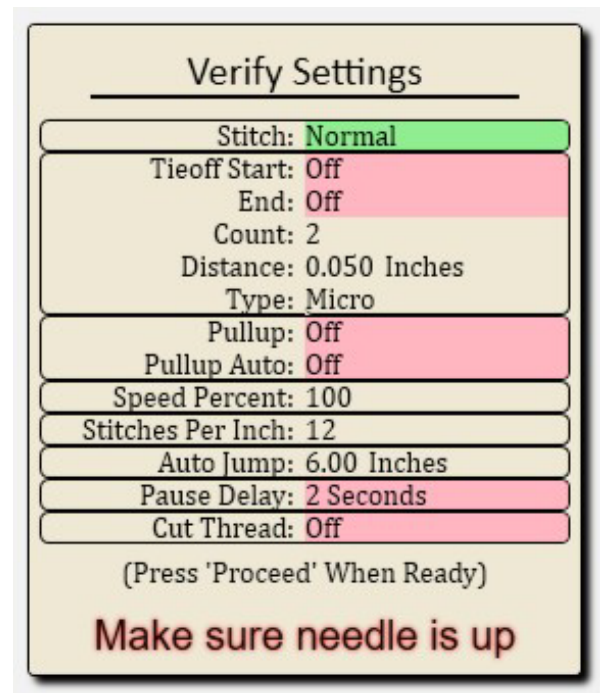
- Press **Quilt**.
- In the sidebar, choose options.
 - Select **Stitch**.
 - Select **Start** and **End**.
 - Select **Pullup On**.



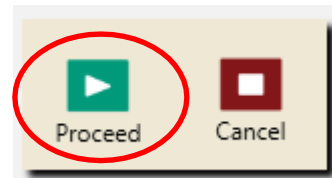
- Press **Run** in the bottom left of the workspace.



- Verify Settings.



- Press **Proceed**.

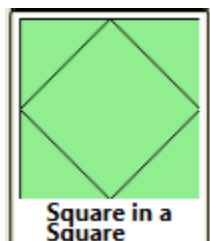


- Your design will stitch.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All**.

2. SQUARE IN A SQUARE

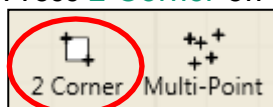
2.1 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS
Designs/Blocks/Square
in a Square



2.2 Create an Area

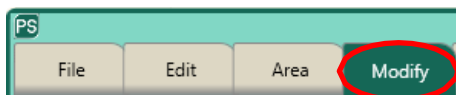
- Select **Area** tab.
- Move machine to top left corner of the quilt block.
- Press **2 Corner** on the ribbon.



- Move over right 4 squares (or 8") and down 4 squares (or 8").
- Press **2 Corner** on the ribbon.
- Check the area size in the sidebar on the right of the screen.
- It should be about 8" in the width box and 8" in the height box.
- Press **Refresh**.

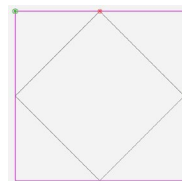
2.3 Skew to the Area.

- Select **Modify** tab.

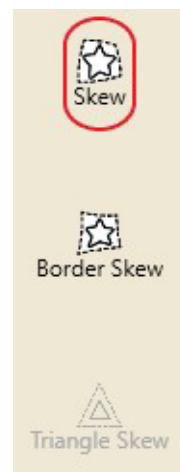


- Press **Skew** on the ribbon.
- Press **Skew** in the sidebar.

- If needed, try **Border Skew** to get a perfect fit.
- The design will resize and reposition within the area box.



- **Baseline**.



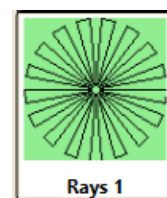
2.4 Stitch the Design.

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

3. Ray in a Square

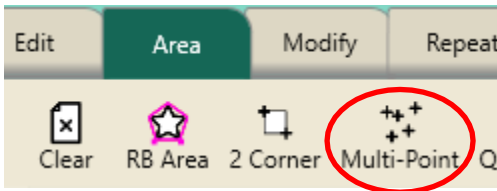
3.1 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS
Designs/Blocks/Rays 1

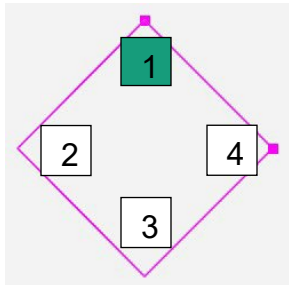


3.2 Create an Area

- Select **Area** tab.
- Move machine needle to top corner of inside square. (1) Make sure needle is at the corner of the stitching.
- Press **Multi-Point** on the ribbon or push the **diamond button** on the right handlebar.



- Continue around the square pressing **Multi-Point** at each corner until you have created a square on point.
- This creates a 4-point area.
- The area is exactly the same size as the stitched square on point.

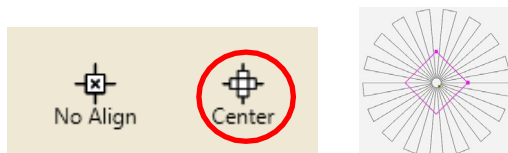


3.3 Align Design

- Select **Modify** tab.
- Press **Align**.



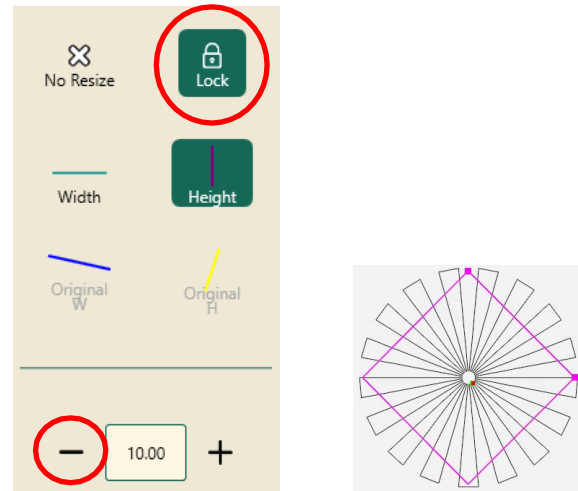
- Press **Center** in the sidebar.
- This action will align the Ray design to the center of the area.



3.4 Resize Design

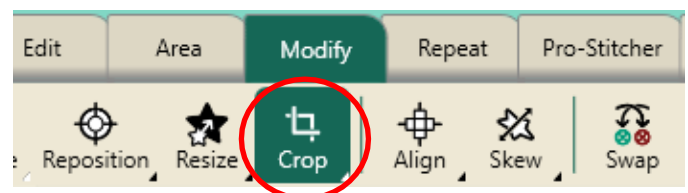
- Press **Resize**.
- Press **Lock** in the sidebar.

- Press the minus sign at the bottom of the sidebar to reduce the size of the ray so it is just a little larger than the area.

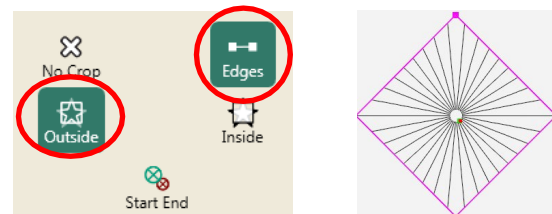


3.5 Crop Design

- Press **Crop** on the ribbon.



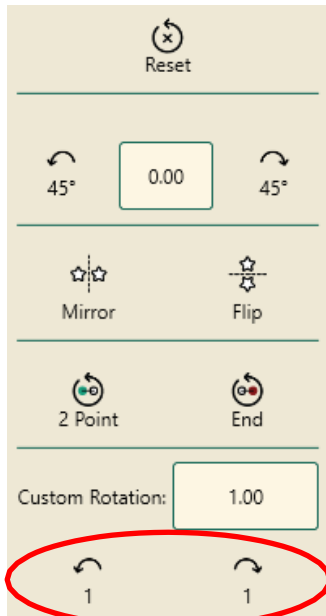
- Press **Outside** and **Edges** in the sidebar. This closes the jumps stitches.



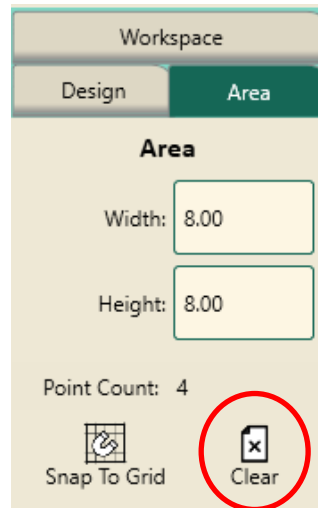
3.6 Rotate Design

- Press **Rotate** on the ribbon.





- Using the custom rotation buttons in the bottom right of the sidebar, fine-tune the rotation of your design.
- **Baseline.**



- Select **Area** tab.
- Press **Clear** in the sidebar.
- This clears the AREA from the workspace.

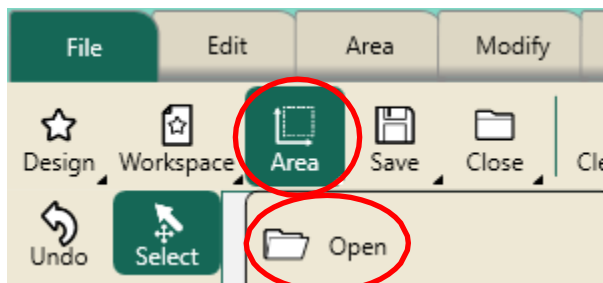
4. Open Area from the Area Library



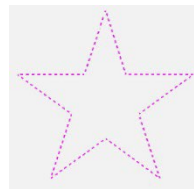
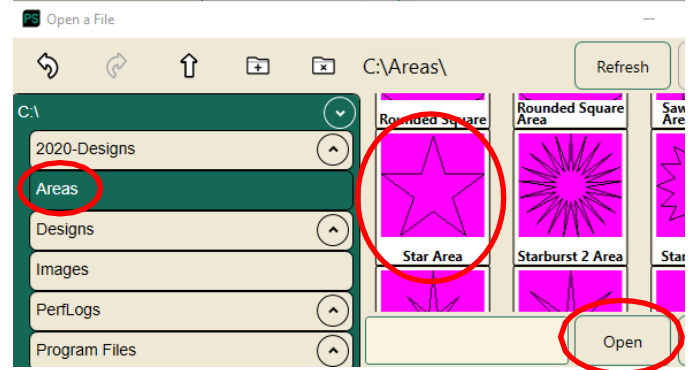
4.1 Open an Area

- Select **File** tab.
- Press **Area** from the ribbon.
- Press **Open**.
- This opens the Area Library.

PS Lite Users:
Create your own area using the Multi-Point tool



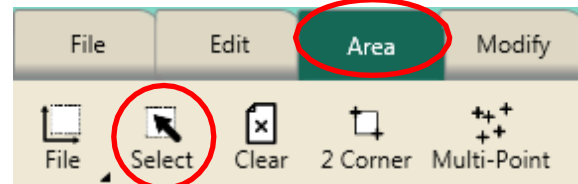
- Select **Area/Star Area**.
- Press **Open**.



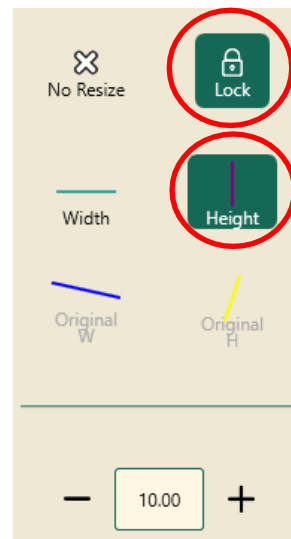
- The area will open. It has a dotted pink outline.

4.2 Modify Area

- Select **Area** tab.
- Press **Select** on the ribbon.
- The star area turns green.



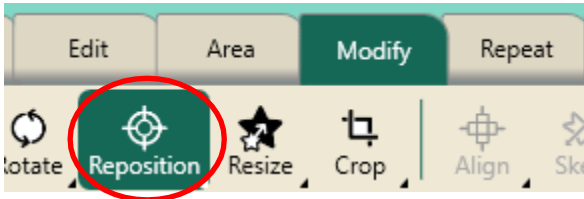
4.3 Resize Area



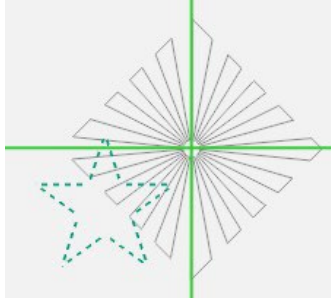
- Select **Modify** tab.
- Select **Resize** on the ribbon.
- In the sidebar, select **Lock** and **Height**.
- In the number box at the bottom, change the size to 3.

4.4 Reposition Area

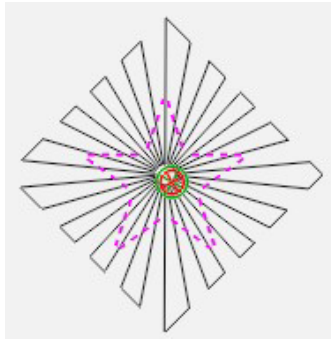
- Select **Reposition** on the ribbon.



- Move your crosshairs to the center of the rays design in your workspace.

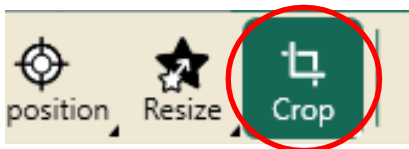


- Select **Center** in the sidebar.
- Tap the design. The area will turn pink and the design is selected.

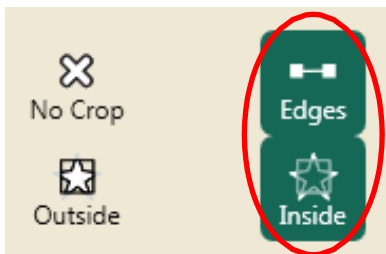


4.5 Crop Design

- Press **Crop** on the ribbon.

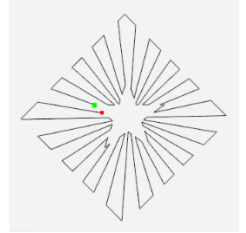


- In the sidebar, press **Inside** and **Edges**.
- **Baseline**.



4.6 Stitch Design

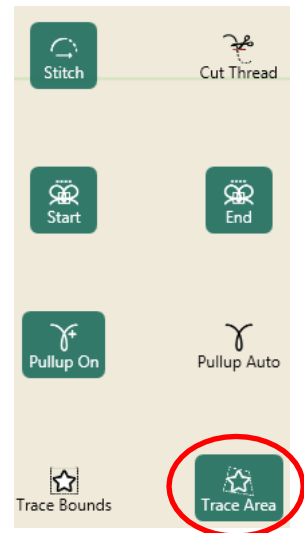
- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- **Do not clear your workspace.**



4.7 Stitch the Star Area

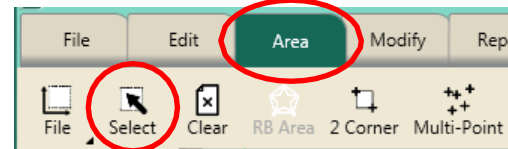
To stitch the star shape outline:

- Select **Pro-Stitcher** tab.
- Press **Trace Area** in the sidebar.
- Press **Run** to stitch the area.



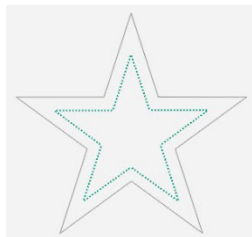
4.8 Resize the Area

- Select **Area** tab.
- Press **Select** on the ribbon.



- Select **Modify** tab.
- Press **Resize** on the ribbon.
- Press **Lock** in the sidebar.
- Resize the star area using the minus (-) button to 2.25.
- Press **Select** on the **Area** tab to unselect the area.

- The area will turn back to pink dashed lines.



4.9 Stitch Area

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Trace Area** in the sidebar
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

5. Triangle 1

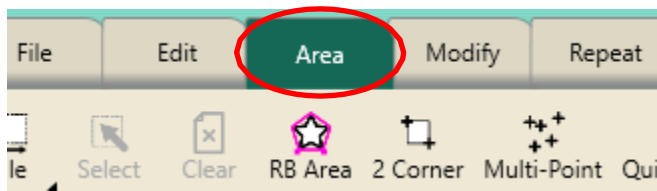
5.1 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS Designs/Triangles/Feather Plump



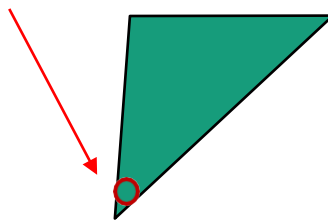
5.2 Create an Area

- Press **Area** tab.

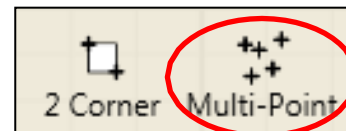


- Move machine to the first point of the top left triangle stitched on the fabric.

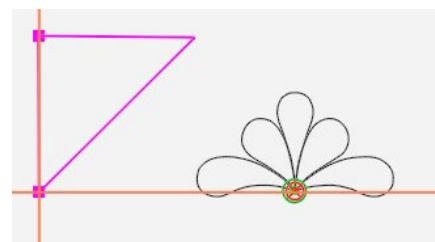
- Position the hopping foot on the inside of the corner.



- Press **Multi-Point** on the ribbon OR push the diamond button on the right handlebar.

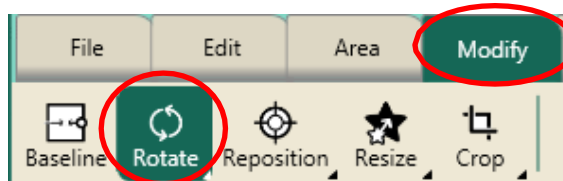


- Going in a clockwise direction, move the machine to the second point of the triangle.
- Position the hopping foot on the inside of the corner.
- Press **Multi-Point**.
- Move machine to the third point of the triangle on the fabric. Position the hopping foot on the inside of the corner.
- Press **Multi-Point**.
- Press **Refresh**.

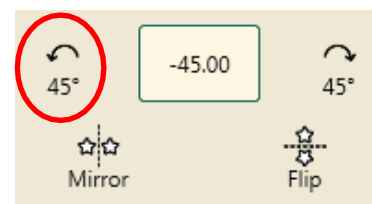


5.3 Rotate Design

- Select **Modify** tab.
- Press **Rotate** on the ribbon.

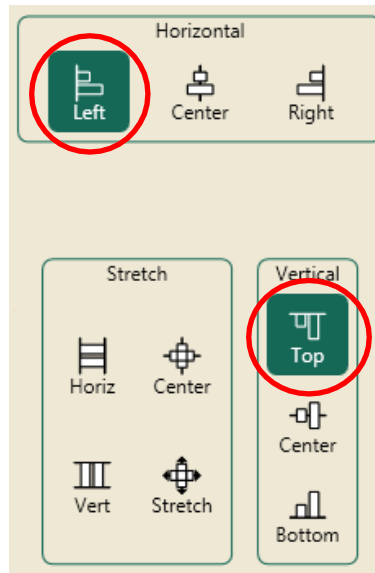
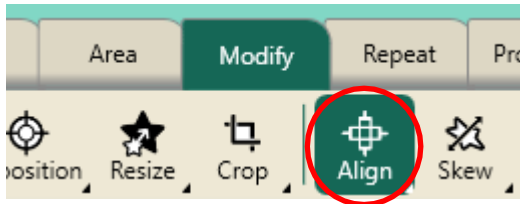


- Press 45° counterclockwise to rotate the design.

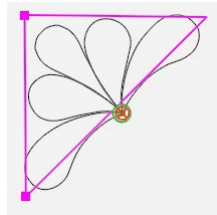


5.4 Align Design

- Press **Align** on the ribbon.
- Press **Left** and **Top Align** in the sidebar on the right side of the screen.

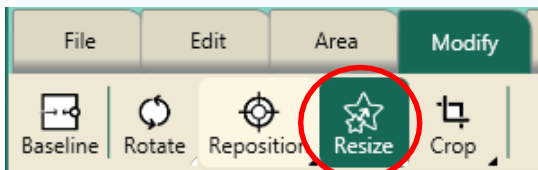


- The design position is correct, but the design is too large for the area.

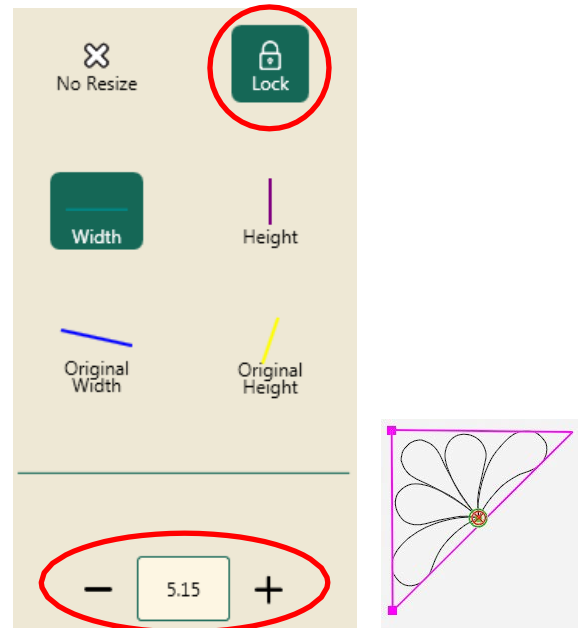


5.5 Resize Design

- Press **Resize** on the ribbon.



- Press **Lock** in the sidebar.
- Resize with the plus or minus buttons at the bottom of the sidebar to decrease the size of the design.
- Baseline**.



5.6 Stitch the Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

6. Triangle 2

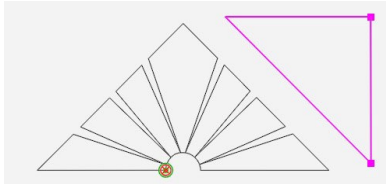
6.1 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS Designs/Triangles/Sun Fan



6.2 Create an Area

- Select **Area** tab.
- Move machine to the top right corner of the triangle stitched on the fabric.
- Press **Multi-Point** or the diamond button on the right handlebar.
- Move machine clockwise to second corner.
- Press **Multi-Point**.
- Move machine to third corner.
- Press **Multi-Point**.

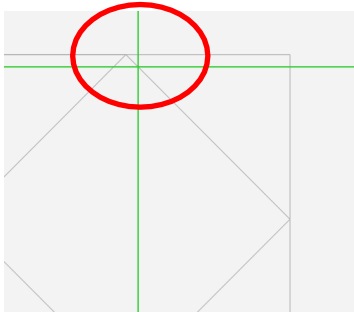


6.3 Rotate Design

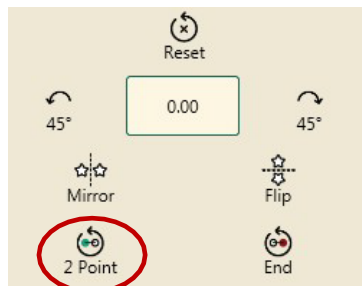
- Select **Modify** tab.
- Press **Rotate** on the ribbon.



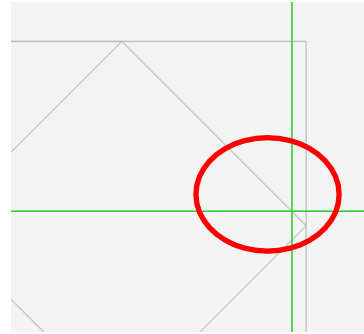
- Move needle near the top left corner of the triangle on the fabric. Align with stitch line.



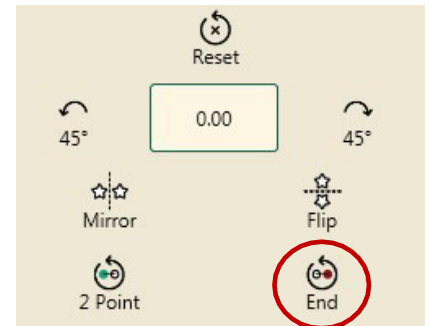
- Press **2 Point** in the sidebar.



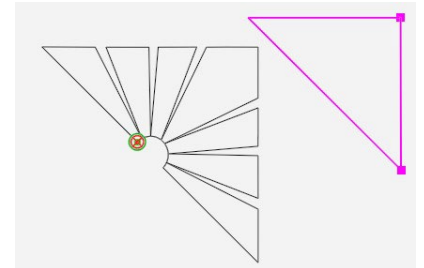
- Move needle to the bottom right corner. Align with stitch line.



- Press **End** in the sidebar.



- The design will rotate to the same angle as the sewn triangle.



***Pro-Stitcher Tip:** When using 2 Point rotation, always start your angle on the left and end to the right.*



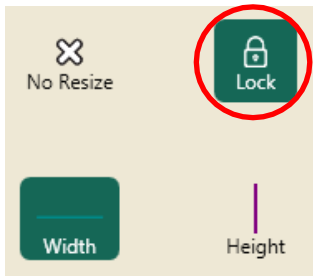
For Lite, use the custom rotation tools to rotate the design to the angle to match your area.

6.4 Resize Design

- Select **Resize** on the ribbon



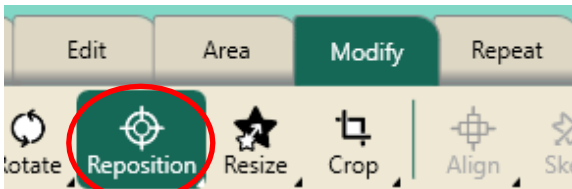
- Press **Lock**.



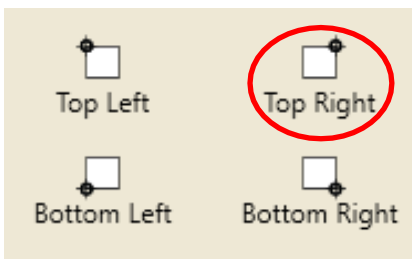
- Tap the number box at the bottom of the Sidebar. Press 4 and **Enter** on the keypad.
- Press **Refresh**.

6.5 Reposition Design

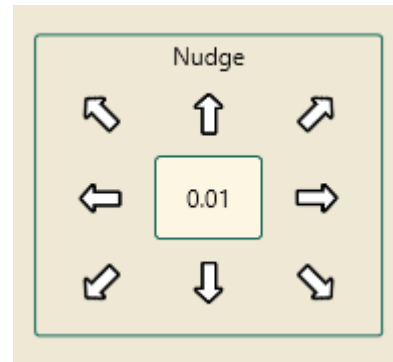
- Press **Reposition** on the ribbon.



- Move needle to top right corner of area. Press **Top Right** in the sidebar.



- Use the **Nudge** buttons to fine-tune the position of the design in the area.



- If needed, **Resize** the design so it is just smaller than the area.
- **Baseline**.

6.7 Stitch the Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

7. Triangle 3

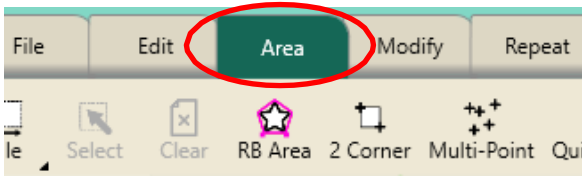
7.1 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select **Designs/1-PS Designs/Triangles/Leaves and Scrolls**

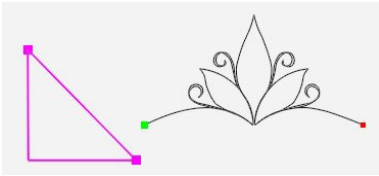


7.2 Create an Area

- Press **Area** tab.



- Move machine to the corner on the bottom left triangle on fabric.
- Press **Multi-Point** or the diamond button on the right handlebar.
- Move machine clockwise to second corner.
- Press **Multi-Point**.
- Move machine to third corner.
- Press **Multi-Point**.

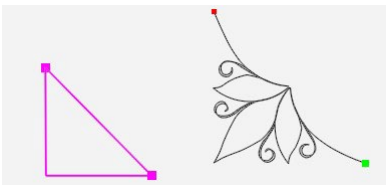


7.3 Rotate Design

- Select **Modify** tab.
- Press **Rotate** on the ribbon.

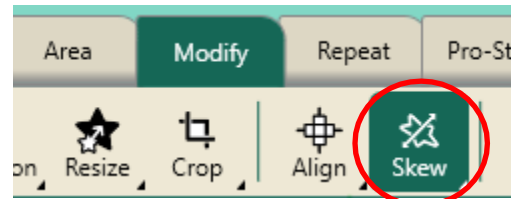


- Press the 45 counterclockwise button three times to rotate the design to the correct orientation.

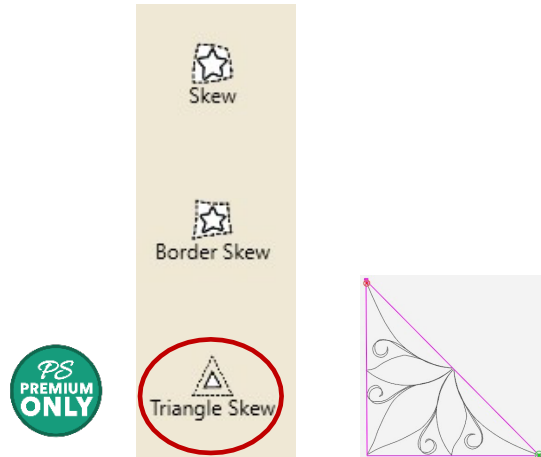


7.4 Skew the Design

- Press **Skew** on the ribbon.



- Press **Triangle Skew** in the sidebar.



- **Baseline**.
- Press **Refresh**.

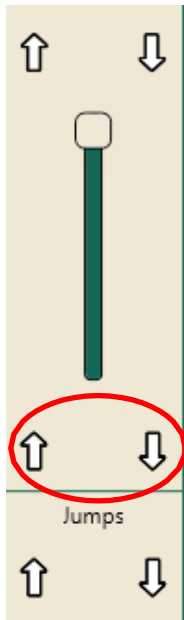
***Pro-Stitcher Tip:** Triangle Skew works only with areas that have 3 points. If the triangle skew is not available, check your point count in the sidebar under the area tab.*

PS LITE ONLY For Lite, use the **Resize** and **Reposition** instructions from the previous exercise to make the design fit inside your area.

7.6 Crop Start and End Points

- Select **Pro-Stitcher** tab.
- Press **New Start & End** on the ribbon.

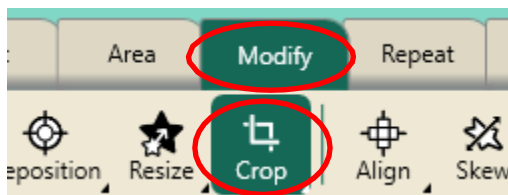




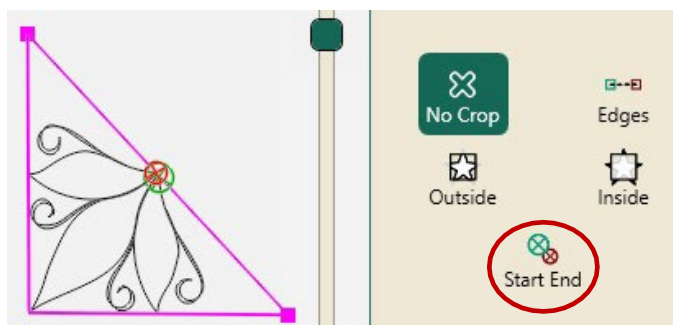
- Use the **down arrow** under the start slider and the **up arrow** under the end slider to move the **start** and **end** bullet circles to the center of the design.

***Pro-Stitcher Tip:** Check start and end stitch numbers – there should be a difference of at least 15.*

- Select **Modify** tab.
- Press **Crop** on the ribbon.



- Press **Start End** in the sidebar.
- **Baseline**.



7.7 Stitch Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.

- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

8. Triangle 4

8.1 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select **Designs/1-PS Designs/Continuous Line/Blustery Breeze**

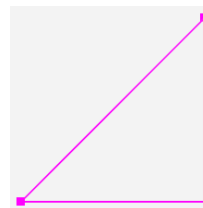


8.2 Create an Area

- Select **Area** tab.

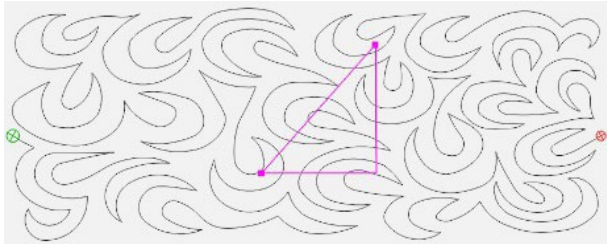


- Move machine to the bottom right triangle stitched on fabric.
- Press **Multi-Point** or the diamond button on the right handlebar.
- Move machine clockwise to second corner.
- Press **Multi-Point**.
- Move machine to third corner.
- Press **Multi-Point**.



8.3 Reposition Design

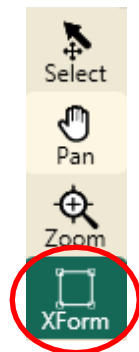
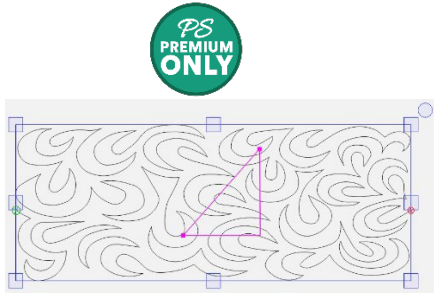
- Press **Select** in the workspace tools.
- Using your finger, touch the design and drag to reposition it over the top of the triangle area.



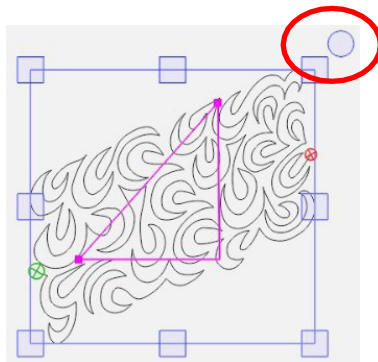
- Press **Refresh**.

8.4 Resize Design using Xform

- Press **XForm** in the workspace tools.

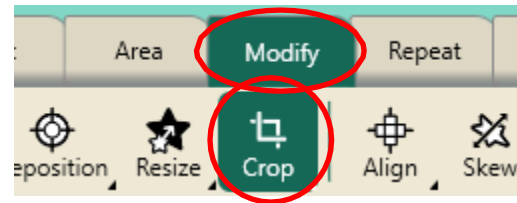


- XForm** will add handles to the design so that you can resize and rotate.
- Using the handles, resize the design smaller to just cover the area.
- Rotate the design using the circle on the top right corner of the Xform box.

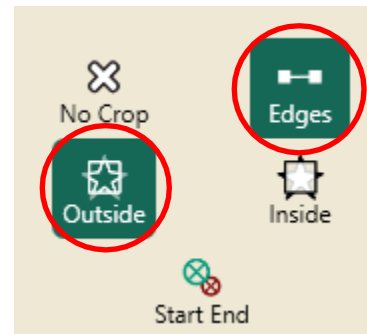


8.5 Crop Design

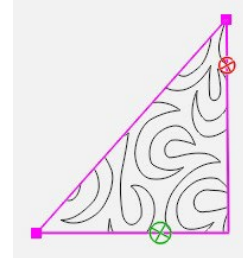
- Select **Modify** tab.
- Press **Crop** on the ribbon.



- Press **Outside** and **Edges** in the sidebar



- Baseline**.
- Press **Refresh**.



For Lite, use the **Resize** and **Reposition** instructions from the previous exercise to make the design fit inside your area.

8.6 Stitch Design

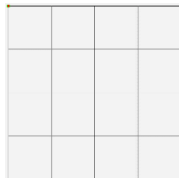
- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

9. Grid Block with Mark & Signature

*Steps 9.1-9.4 are necessary only if you do not have a grid on your fabric. If you are using fabric with a printed grid, skip to step 9.5.

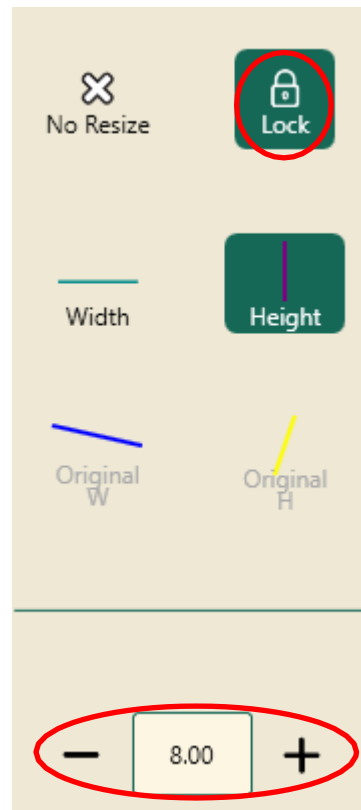
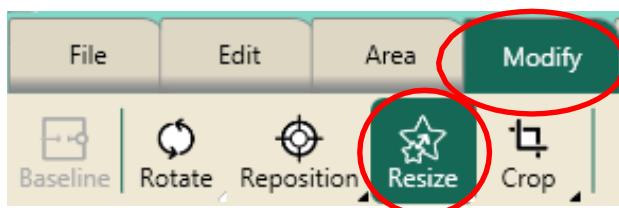
9.1 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS Designs/Blocks/Grid Square 4.



9.2 Resize Design

- Select **Modify** tab.
- Press **Resize** on the ribbon.

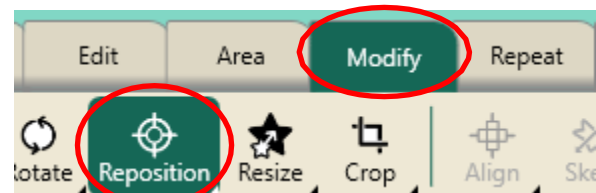


- Press **Lock** in the sidebar.

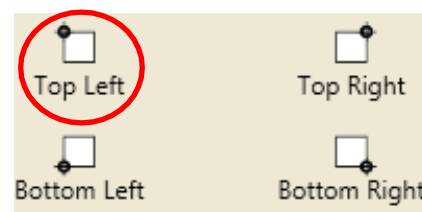
- Resize design to 8 inches by using the plus button or press on the number pad to bring up the keypad.
- **Baseline**.

9.3 Reposition Grid Design

- Select **Modify** tab.
- Press **Reposition** on the ribbon.



- Move machine to the top right corner of the previously quilted block.
- Press **Top Left** in the Side bar.
- This positions the grid design to the crosshairs (the needle position).



9.4 Stitch Grid

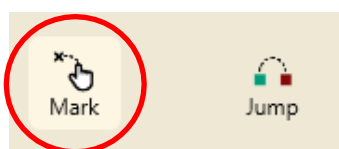
- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

9.5 Create Chevron Design with Mark

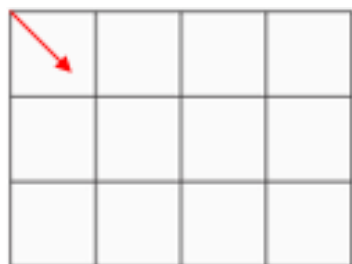
- Select **Pro-Stitcher** tab.
- Press **Record** on the ribbon.



- Move machine needle to top left corner of grid or block you stitched.
- Press **Mark** in the sidebar OR press the diamond button on the right handlebar.

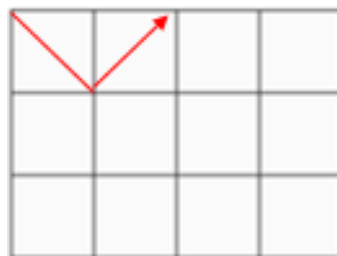


- Move machine to bottom right corner of the first square.

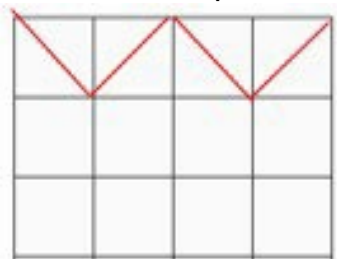


- Press **Mark** or the diamond button.
- This will create a stitching line between the two points.

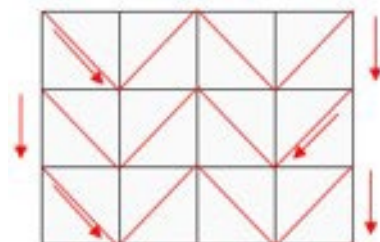
- Move the machine to the top right corner of the second square.



- Press **Mark**. Continue in a zigzag path across the squares.



- Move the machine down to the bottom right corner of the fourth square.
- Press **Mark**.
- This is the travel path to the next row.
- Now create the path from right to left down 3 rows.



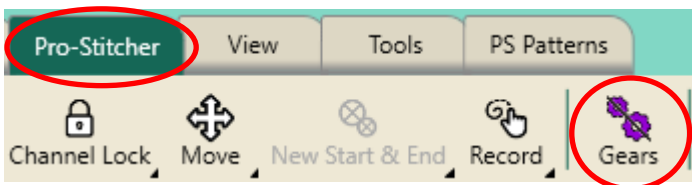
- Press **Baseline**.

9.6 Stitch Design

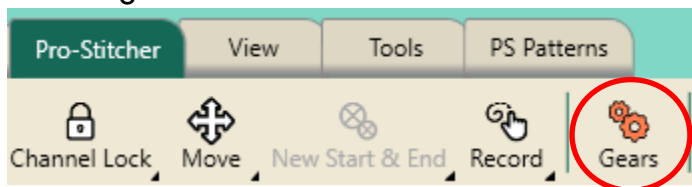
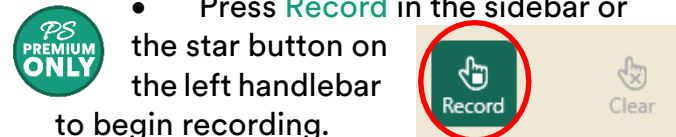
- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

9.7 Create Signature

- Select **Pro-Stitcher** tab.
- Press **Gears** on the ribbon.



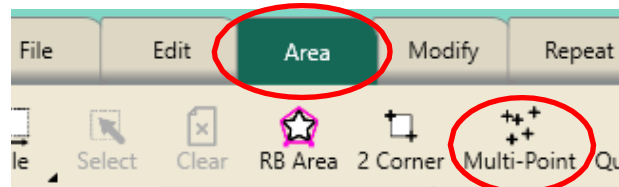
- The icon and the crosshairs will turn from orange to purple as the gears disengage.
 - Press **Record** in the sidebar or the star button on the left handlebar to begin recording.
- Move the machine without stitching to sign your name in the bottom row of the 8"x8" block with the
- The encoders will record the movement.
- Press **Record** or the star button on the left handlebar to end the recording.
- Press **Baseline**.
- On the ribbon, press **Gears** again to engage the gears.
- The icon and crosshairs turn back to orange.



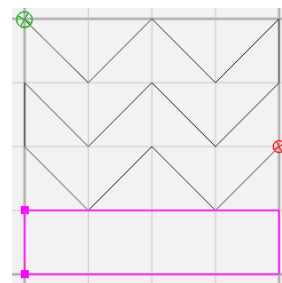
PS LITE ONLY For Lite, disengage your gears. Stitch your signature. Bring up your bobbin thread and clip then re-engage your gears.

9.8 Create Area & Reposition Signature

- Select the **Area** tab.

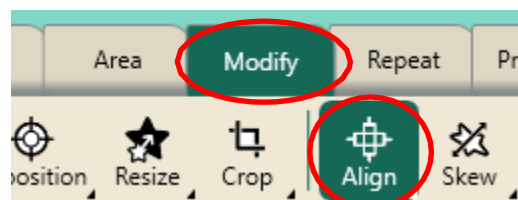


- Create a multi-point area inside the rectangle box where you stitched for your signature.

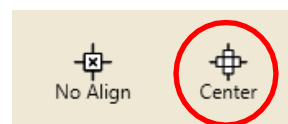


9.9 Align Signature

- Select the **Modify** tab.
- Press **Align** on the ribbon.



- Press **Center** in the sidebar.



If more modifications are needed:

- Select **Modify** tab.
- Choose from **Rotate**, **Reposition**, **Resize**, and **Skew** to make your signature your own.

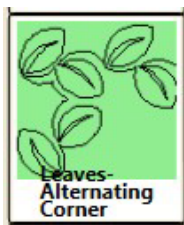
9.10 Stitch Signature

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

10. Positioning Corners in a Border

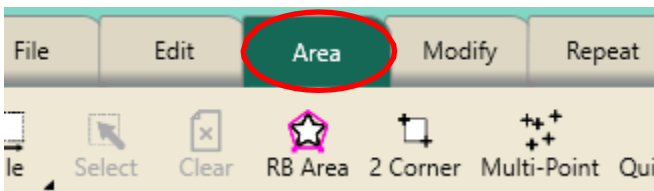
10.1 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS Designs/Corners/Leaves-Alternating Corner



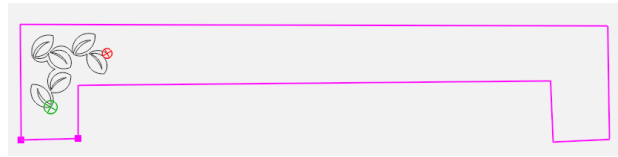
10.2 Select Area

- Select **Area** tab.



- Move machine to top left corner of the quilt border.
- Press **Multi-Point** or press the diamond button on the right handlebar.
- Move machine to the top right corner of the quilt border.
- Press **Multi-Point**.

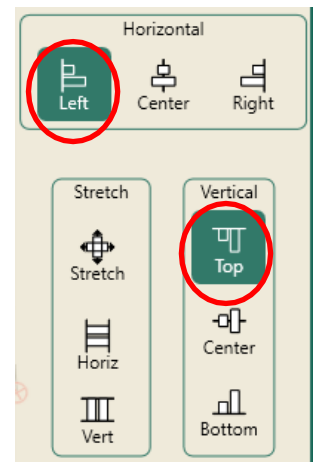
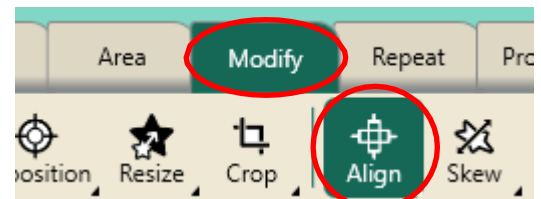
- Continue around the border area including a few inches down each side of the border to create a pink “U” shaped area.



- Press **Refresh**.

10.3 Align to the Left Corner Area

- Select **Modify** tab.
- Press **Align** on the ribbon.
- Press **Horizontal Left** and **Vertical Top** in the sidebar on the right side of the screen to align the design to the top left of the area.

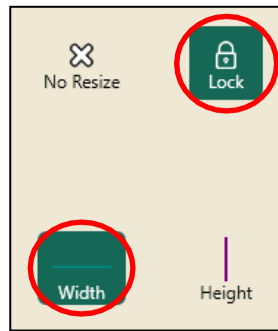


10.4 Resize in the Area

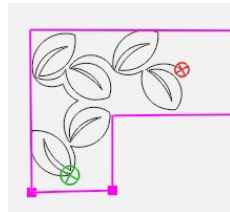
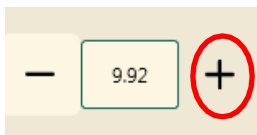
- Select **Modify** tab.
- Press **Resize** on the ribbon.



- Press the **Width** and **Lock** button.



- Press the “+” button to increase the size to fit the side border.



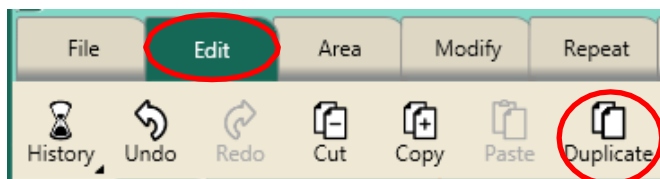
- The design will resize and reposition within the area.
- If needed, select **Reposition** from the ribbon, then use the nudge buttons in sidebar to position corner.
- Press **Baseline**.

10.5 Stitch Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- DO NOT CLEAR WORKSPACE.**

10.6 Rotate for Right Corner

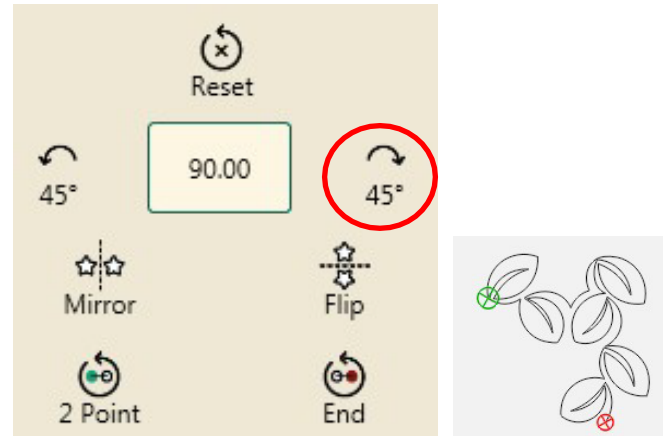
- Select **Edit** Tab.
- Select **Duplicate** on the ribbon.



- A copy of the corner design with all the modifications will load on your workspace.
- Select **Modify** tab.
- Press **Rotate** on the ribbon.



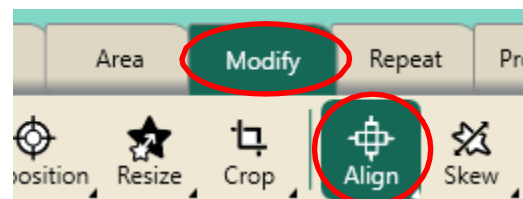
- Rotate **Clockwise** twice in the sidebar.



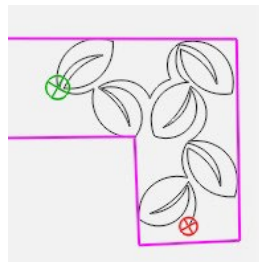
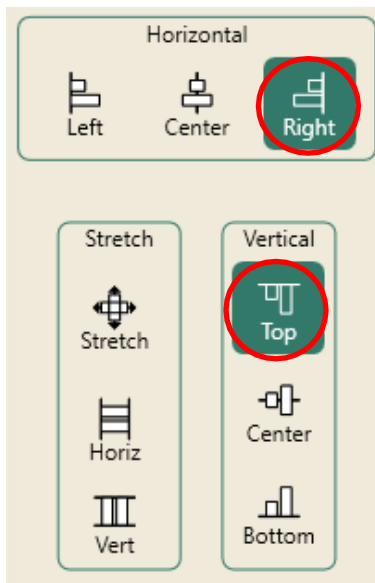
***Pro-Stitcher Tip:** It is important for designs that are directional (like the design used here) to rotate the design and not mirror so the start point stays on the left of the design and the design continues in the proper direction.*

10.7 Align to the Right Corner Area

- Select **Modify** tab.
- Press **Align** on the ribbon.



- Press **Right Horizontal** and **Top Vertical** in the sidebar on the right side of the screen to align the heart design to the top right of the area.



- Check the design to see how it fits in the right corner area.
- If the design needs to be resized go back to step 10.4.
- If needed, select **Reposition** from the ribbon, then use the nudge buttons in sidebar to position corner.
- Press **Baseline**.

10.8 Stitch Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- **DO NOT CLEAR WORKSPACE.**

11. Placing a Border Between Corners

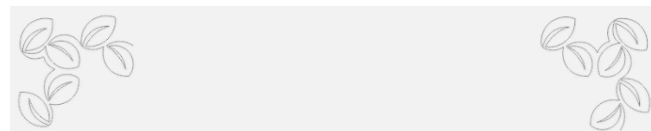
11.2 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS
Designs/Continuous
Line/leaves-alternating

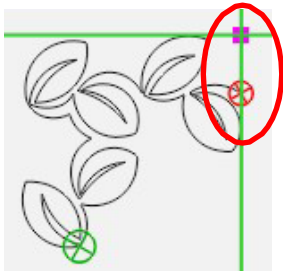


11.3 Create an Area Between Corners

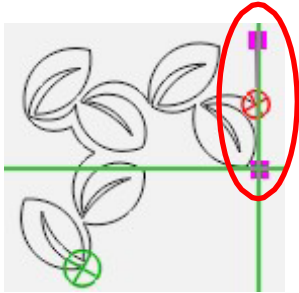
- Select **Area** tab.
- Press **Clear** in the sidebar.
- The corner designs stay on the workspace in the correct position with a large space between the corners.



- Move your machine so the Horizontal crosshair aligns with the top of the left corner of the design and the Vertical crosshair goes *through* the end point of the design.
- Press **Multi-Point** or the diamond button on the right handlebar.



- Move your machine so the Horizontal crosshair aligns with the bottom of the left corner and the Vertical crosshair stays aligned *through* the area point already placed.
- Press **Multi-Point**.



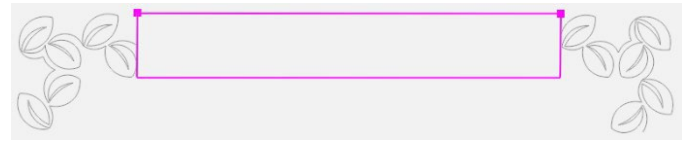
- Move your machine over to the inside bottom of the design.
- Align the Horizontal crosshair to the bottom of the right corner design and the Vertical crosshair *through* the start point of the right corner design.
- Press **Multi-Point**.



- Move the Horizontal crosshairs up about 4" to align with the top of the right corner design
- The Vertical crosshairs *through* the start point of the design.
- Press **Multi-Point**.

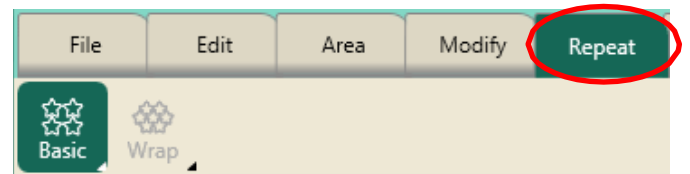


- The area now appears as a pink rectangle box.
- Press **Refresh**.
- The area, design and crosshairs will be visible in the workspace.

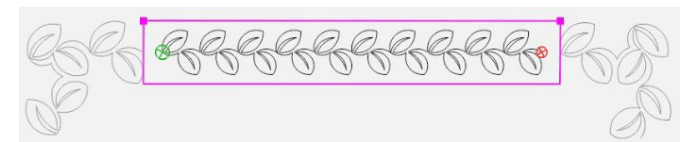
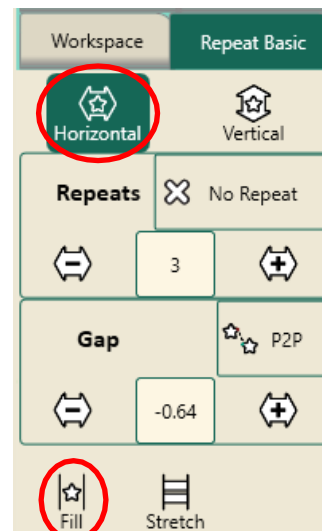


11.4 Repeat Design

- Select **Repeat** tab.
- Basic is already selected on the ribbon.



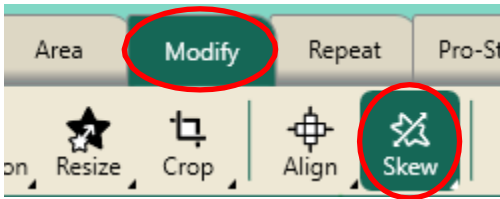
- Press **Horizontal** in the sidebar.
- Press **Fill** in the sidebar.



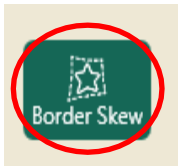
Note: Fill will repeat the design at its original size in the area without skewing or stretching.

11.5 Skew to the Area

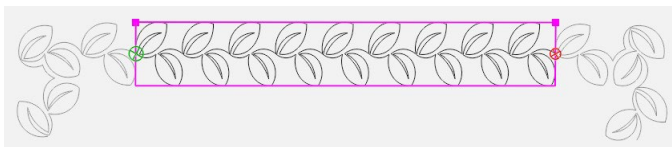
- Select **Modify** tab.
- Press **Skew** on the ribbon.



- Press **Border Skew** in the sidebar.



- The repeated design will resize and reposition within the area box.
- If needed, go back to Repeat tab and change the number of repeats.
- **Baseline**.



11.6 Stitch the Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- When finished stitching, pull up bobbin thread and clip your threads.
- Select **File** tab.
- Press **Clear All** on the ribbon.

11.7 Advance Quilt

- Advance your quilt until you have unquilted fabric in your throat space.
- Change your foot to the Glide Foot 2.

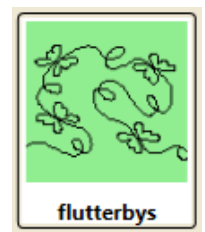
12. Edge to Edge with Drag and Drop

Note: This tutorial is for any size quilt, BUT the measurements given are for a small sample quilt.

- Quilt size 15 x 15

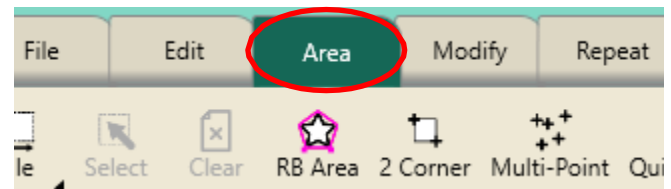
12.2 Select Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select **Designs/1-PS Designs/Continuous Line/Flutterbys**

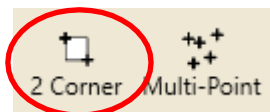


12.3 Create an Area

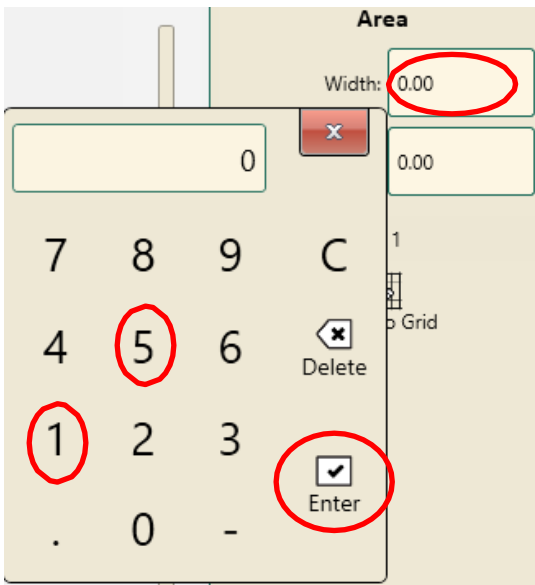
- Select **Area** tab.



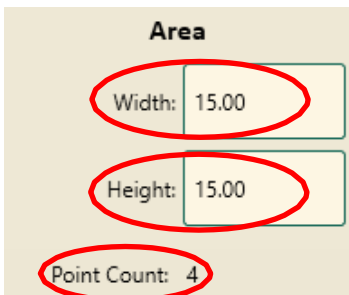
- Move machine to top left corner of the quilt.
- Press **2 Corner** on the ribbon OR the star button on the left handlebar.



- In the sidebar, tap in the **Width** box. A keypad will appear.
- Type in 15 in the numerical keypad then Enter.



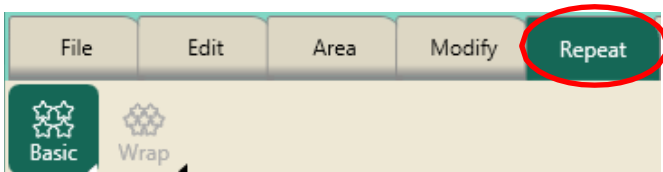
- Tap the **Height** box.
- Type in 15 in the numerical keypad then Enter.
- The area height and width is 15 x 15.
- The point count is 4.



- Press **Refresh**.

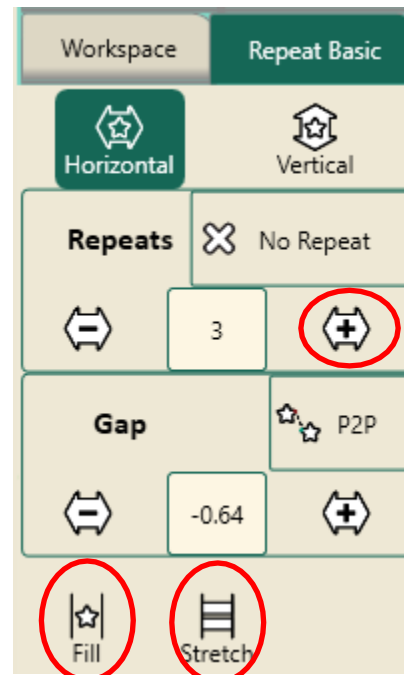
12.4 Repeat Design in Area

- Select **Repeat** tab.
- **Basic** is selected on the ribbon.

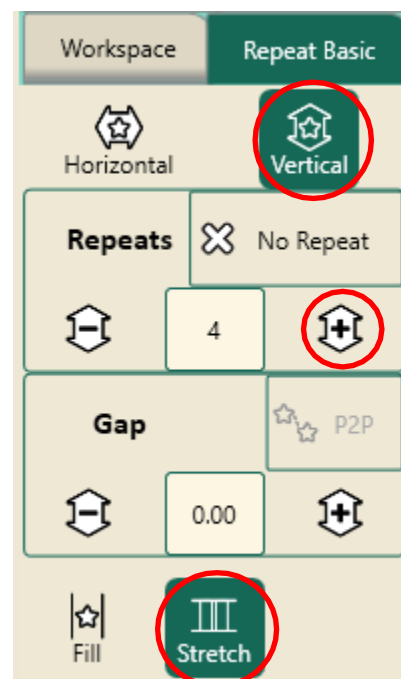


- Press **Fill** under **Horizontal** in the sidebar.

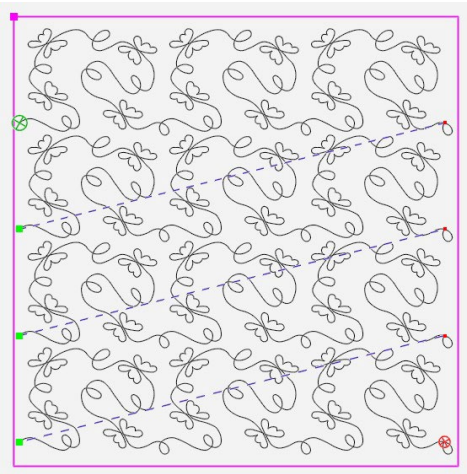
- Add more repeats to Horizontal by pressing the **plus** button, for a total of 3 repeats.
- Press **Stretch**.



- Select **Vertical**, add more repeats, for a total of 4 rows.
- Press **Stretch**.

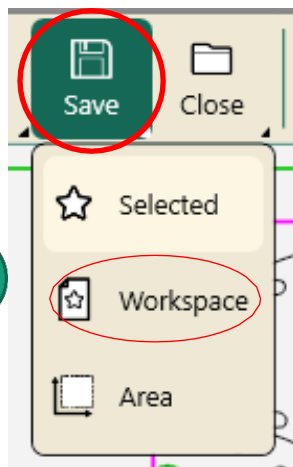


- The design now fits inside the area exactly.
- Press **Baseline**.
- Press **Refresh** in the bottom right corner of the workspace.



12.5 Save the Workspace

- Select **File** tab.
- Press **Save** on the ribbon, then **Workspace** on the drop-down menu.
- Select a folder to save your workspace. You can save in any folder on your computer or to a usb.
- Give your workspace a name or use the name provided by the software.
- Press **Save** in Save File window.



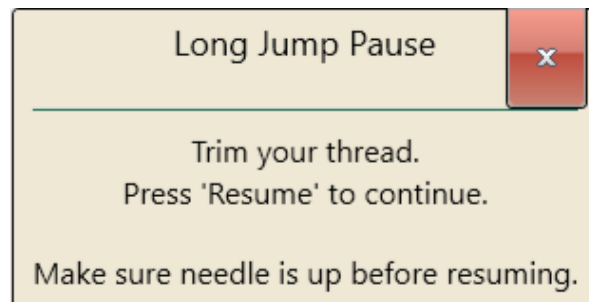
***Pro-Stitcher Tip:** Always save an edge-to-edge design before quilting.*



For Lite, choose **Selected** to save your modified design. Be sure to note what folder you save your design in so you can easily find it later.

12.6 Stitch the Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- At the end of the row, the machine will tie off (if selected).
- The motors will disable and pause for a long jump.



- Pull up bobbin thread and clip your threads.

12.7 Advance the Quilt

- Looking at the screen, move the machine so the crosshairs are at a point just above the top of the next row of the design.



- Press the needle down button on the left handlebar.
- This places the needle down into the fabric, so the machine will move with the fabric.

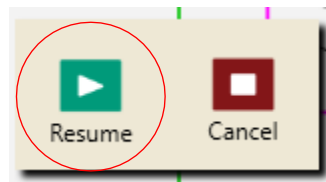
- Press **Drag** in the Quick Access tools or in **Modify** tab, **Reposition** on the ribbon, then **Drag** in the sidebar.



- **Drag** turns green and reads **Drop**.
- This attaches the crosshairs to the design. (Crosshairs on screen represent the needle of the machine).
- Release the side clamps.
- Raise the ratchet stops on the two front poles.
- Advance the quilt gently using the hand wheel until there is enough un-quilted space for the next row.
- Check the quilt around where the needle is in the fabric to make sure it is not being stretched or pulled by the needle.
- Adjust the machine position if necessary.
- If you have pole cradles, lift your quilt top pole into the pole cradles and smooth your batting.
- Put the quilt top pole back into its bracket.
- Drop the ratchet stops on the two front poles.
- Adjust your quilt top and back tension as needed.
- Attach the side clamps.
- Press **Drop** in the Quick Access tools. It will turn back to tan and read **Drag**.



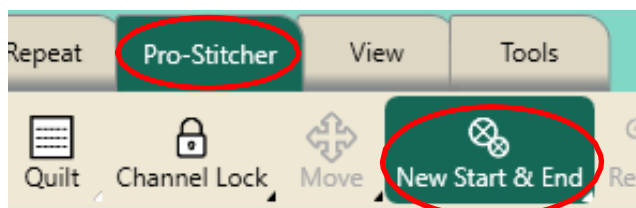
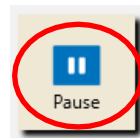
- Press Needle Up.
- Baste the side edges of the quilt in the new throat space.
- Row 2 is positioned to stitch.
- Press **Resume**.



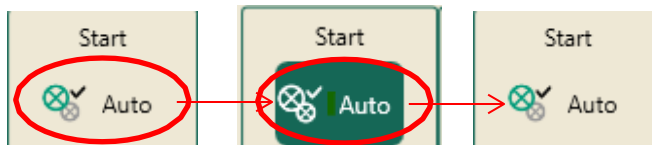
- Quilt Row 2.
- Continue, advancing the quilt and design in the same manner until you finish quilting.
- When finished with the entire quilt, select **File** tab.
- Press **Clear All**.

13. Move Start Point in a Design

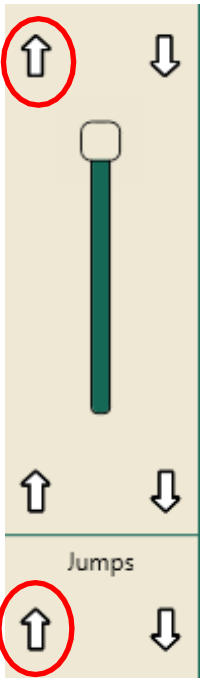
- If you have a thread break or your bobbin runs out, press **Pause**. If you enable your Threadbreak sensor (if available), the machine will automatically stop with no need to pause.
- Your motors are locked, so the machine will not move.
- Select **Pro-Stitcher** tab.
- Press **New Start & End** on the ribbon.



- Touch **Auto** in the Start column twice.



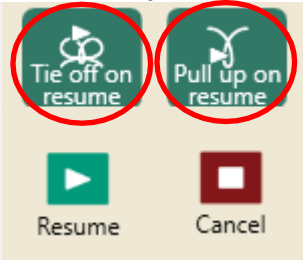
- This will move the start point (the green circle with an X in the middle) to exactly where your needle is.



To adjust the precise position of the start point:

Tap the arrow pointing up at the bottom of the slide bar (to move one design point at a time) OR top of the slide bar (to move one stitch at a time), move the green bullet back to where you want to start stitching again.

- Press **Motors** on ribbon to unlock.
- Move your machine as needed.



- Select **Tie off on resume** and **Pull up on resume** and press **Resume**.

- The machine will start stitching where you set the new start point.

14. Repositioning a Design

Pro-Stitcher Tip: There are many ways to reposition a design. The first section walks you through how to reposition a saved edge to edge design after shutting down your machine.

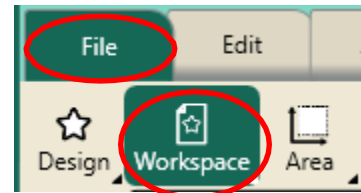
** Before shutting down your machine, mark where your next row or block will begin. You can do this by dropping your needle there, placing a pin or some other mark.*

14.1 Position Your Machine

- Move your machine so your needle is positioned where the start point of the next row and drop your needle. **If the needle was dropped at the start point before shutting down, you do not need to move your machine.*

14.2 Open your Workspace

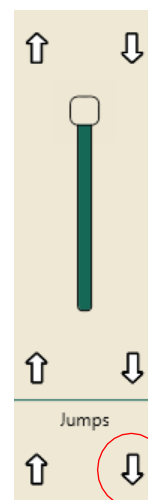
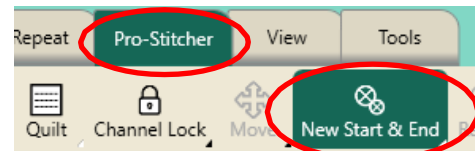
- Select **File** tab.
- Press **Workspace** on the ribbon.



- Your saved workspace will be the first on the dropdown menu.
- Press **Baseline**.

14.3 Position Start Point

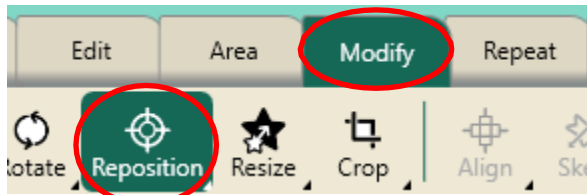
- Select **Pro-Stitcher** tab.
- Press **New Start & End** on the ribbon.



- There are two columns in the sidebar: Start and End.
- At the bottom of the Start column, under the word Jumps, press the down arrow until the green start point is on the desired row.

14.4 Reposition the Design

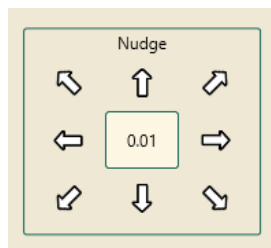
- Select **Modify** tab.
- Press **Reposition** on the ribbon.



- Select **Start Point** in the sidebar.

** This will position the start point of the design at your crosshairs.*

- To fine-tune your design positioning, move your crosshairs (your machine) to the lowest point in the middle of the row already quilted and check alignment.
- Use the **Zoom** tool from the workspace tools to zoom in on a point.
- Use the nudge buttons if needed from the sidebar.
- When the design is in position, stitch.



****Note**** *If you are leaning on the poles of your frame during this process it can change the alignment of the quilt.*

14.5 Other Ways to Reposition a Design

You can reposition a design in many ways using the **Modify Tab>Reposition** tools – all in relation to where your crosshairs/needle are.

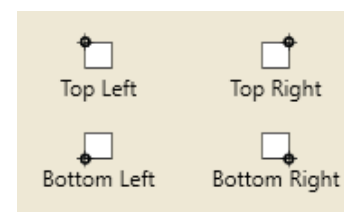
Try using **Drag/Drop** without dropping your needle.

- Select either the **Start Point** or **End Point** to position a design from a row that is stitched. (A sharp point or where lines cross is preferable.)
- Find the corresponding design position on the screen.
- Move the machine so the orange crosshairs are at that same point on your screen.
- If you cannot move the machine to that point, make sure **Select** is chosen in the workspace toolbar, touch the design on your screen and drag it closer to your crosshairs.
- Select the **Drag** button.
 - It will turn green and change to the word **Drop**.
- Move the machine so the needle is at the chosen spot on the quilt top.
- Select the **Drop** button.
- Your design is now repositioned.
- Before stitching, make sure your start point is on the correct row.



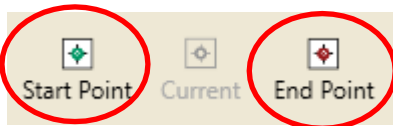
Try using the quadrants of the crosshairs.

- Select **Modify** tab, the **Reposition** on the ribbon.
- In the sidebar, select the different options.
- The design will move so the corresponding corner of the design will be at the crosshairs on the screen.



Try using **Start Point** and **End Point** in the sidebar.

- Select **Pro-Stitcher** tab.
- Press **New Start & End** on the ribbon.
- Looking at the quilt, move your machine needle to either where the first or last stitch was taken. Drop your needle to hold the position.
- Press **Auto** twice in the desired column to move the start point to where your needle is.
- Looking at the screen, select **Modify** tab.
- Select **Reposition** on the ribbon.
- In the sidebar, select either the start or end point of design to position a design from a row that is stitched.
- The design will move so the start or end point is at your crosshairs.



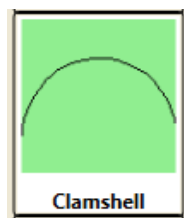
15. Off-Setting an Edge to Edge

Note: This tutorial is for any size quilt, BUT the measurements are for a small sample quilt.

- Quilt size 15 x 15

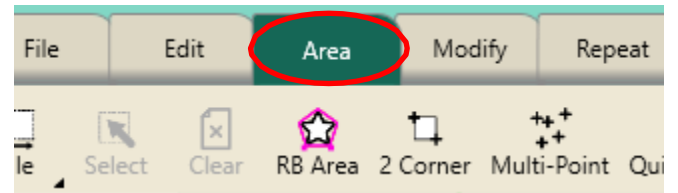
15.2 Open a Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS Designs/ Continuous Line/Clam Shell

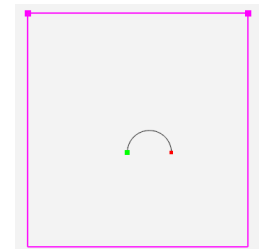
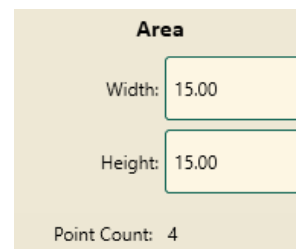


15.2 Create an Area

- Select **Area** tab.



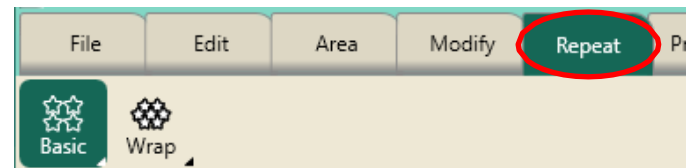
- Move machine to the top left corner of quilt top.
- Press **2 Corner**.
- Move machine to the right edge of the quilt.
- Press **2 Corner**.
- Since you are creating a 15" x 15" mini quilt, type in the width of 15 and the height of 15 for the quilt.



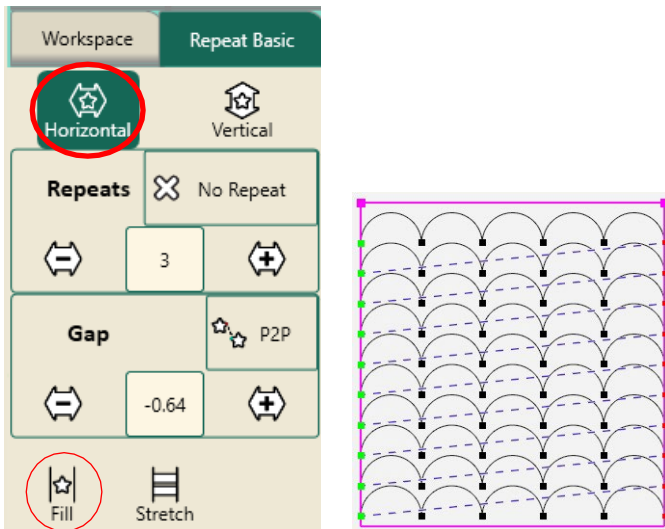
- Press **Refresh**.

15.3 Repeat Design

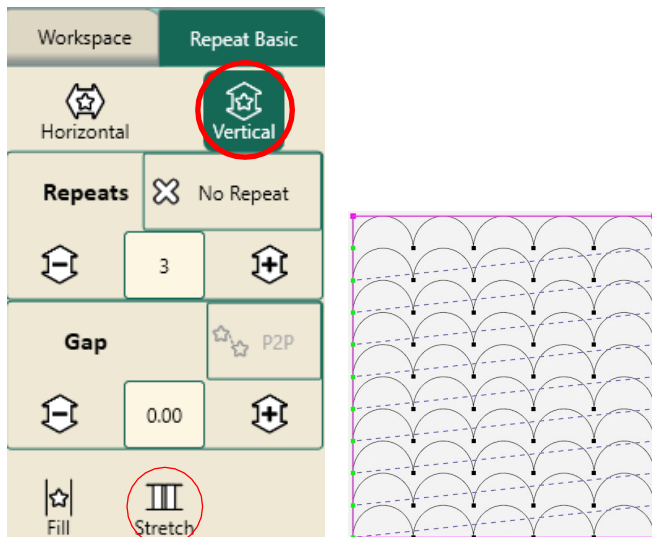
- Select **Repeat** tab.
- **Basic** is selected.



- Select **Horizontal** in the sidebar.
- Press **Fill** in the sidebar on the right side of the screen.



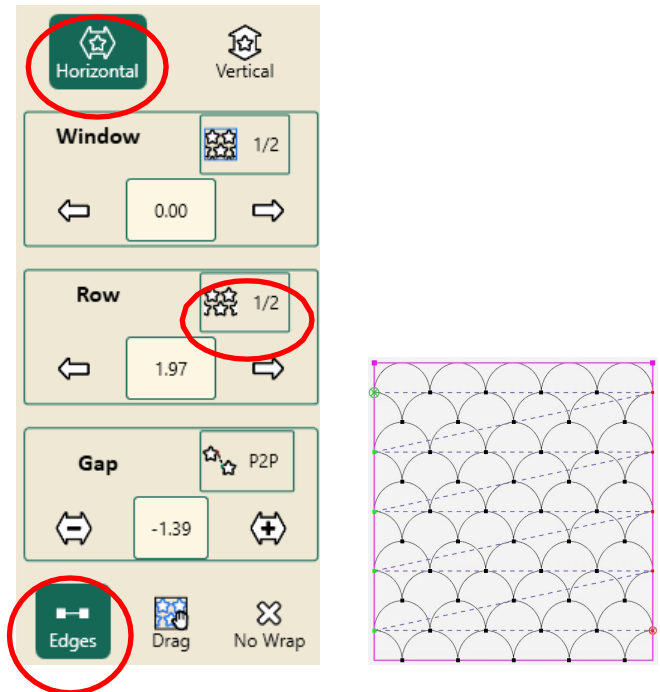
- Press **Vertical** in the sidebar.
- Press **Stretch**.
- This will stretch the rows of clamshells to fit the top and bottom of the area.



- Press **Wrap** on the ribbon.



- Press **Horizontal** in the sidebar.
- Press Row $\frac{1}{2}$ button.
- Press **Edges**.
- Press **Baseline**.



15.4 Stitch Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- Use the Edge to Edge with Drag and Drop instructions in the above tutorial for advancing your design.
- Select **File** tab.
- Press **Clear All** on the ribbon.

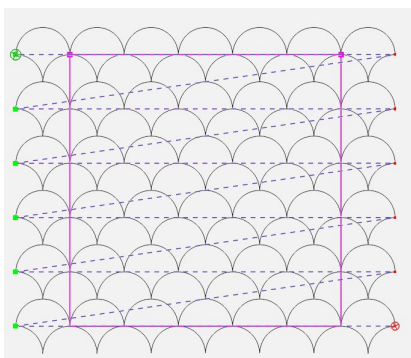
15.5 Advance Quilt

- Advance your quilt until you have unquilted fabric in your throat space.

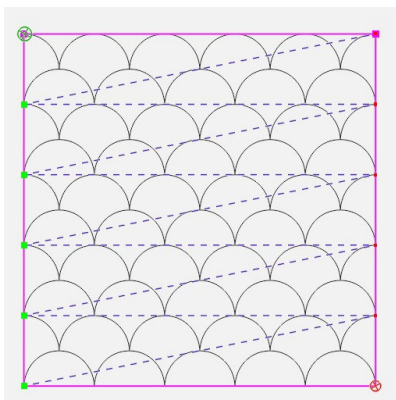
***Pro-Stitcher Tip:** You may run into a crop bug during these off-setting steps. Follow the steps below to fix the design so it will stitch out correctly.*

15.6 Work-around for the Off-Set Crop Bug

- Press **Undo** until you see *Undo Baseline* float up in the toast on the right side of your workspace.
- Select **Repeat** tab.
- Turn off **Stretch** under both Horizontal and Vertical.
- Add more repeats under Horizontal and Vertical so the design extends beyond the area on all sides.
- **Baseline**.



- Select **Modify** tab.
- Press **Crop** on the ribbon.
- In the sidebar, press **Outside** and **Edges**.



- **Baseline** and stitch design.

16. Wrapping an Edge to Edge

Note: This tutorial is for any size quilt, BUT the measurements are for a small sample quilt.

- Quilt size 15 x 15

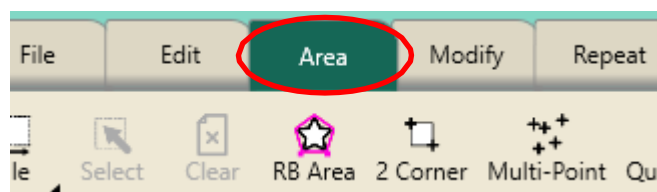
16.1 Open a Design

- Select **File** tab.
- Press **Design**.
- Press **Open**.
- Select Designs/1-PS Designs/ Continuous Line/Baptist Fan



16.2 Create Area

- Select **Area** tab.

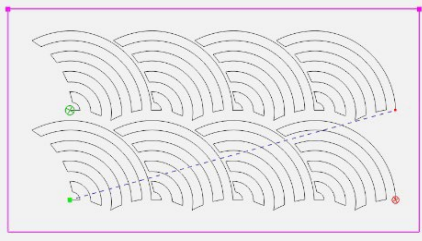
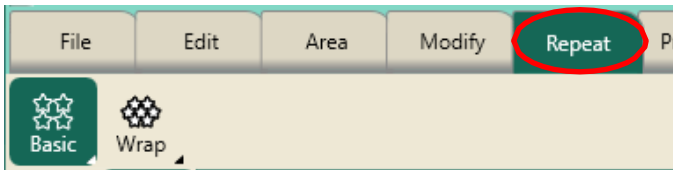


- Move machine to the top left corner of quilt top, about 1" off the quilt top on the batting.
- Press **2 Corner** on the ribbon.
- Move machine to the bottom right edge of the quilt, about 1" off the edge of the fabric, in the batting.
- Press **2 Corner** on the ribbon.
- Since you are creating a 15x15 mini quilt, Type in the height of 15 for the quilt.

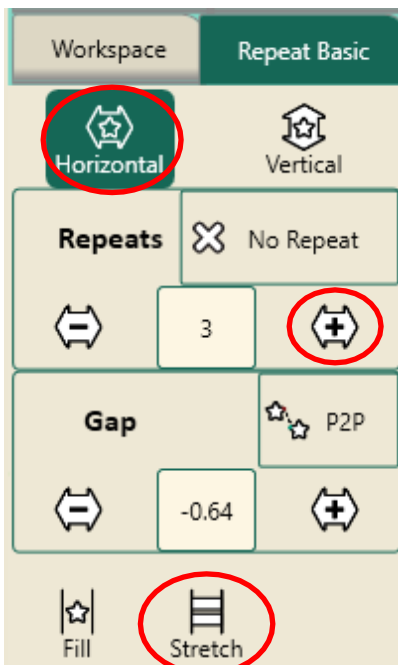
Area	
Width:	37.00
Height:	20.00
Point Count: 4	

16.3 Repeat Design

- Select **Repeat** tab.
- **Basic** is selected.

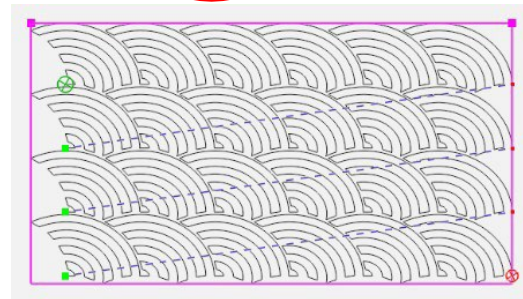
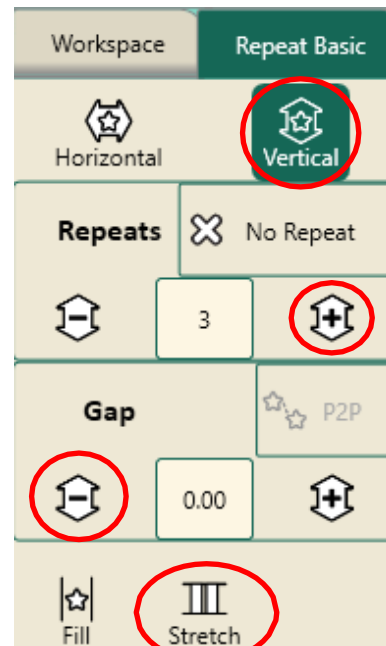


- Press **Horizontal** in the sidebar.
- Press **Fill** in the sidebar.
- Using the **plus** button, add more repeats to equal 6.
- Press **Stretch**.



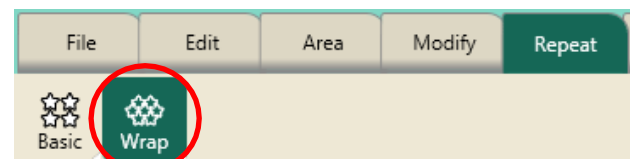
- Press **Vertical**. Using the **plus** button add more repeats to equal 4.

- Press **Stretch**. This will shrink the design to fit into the small area.
- Press the Gap **minus** button to decrease space between the rows.

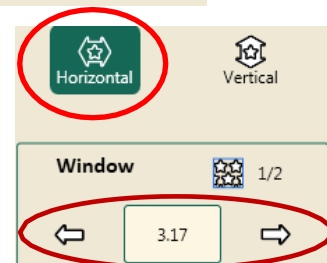


16.4 Wrap Design

- Press **Wrap** on the ribbon.

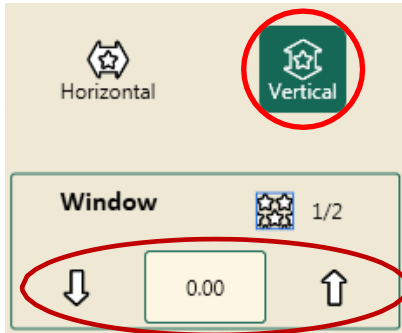


- Press **Horizontal** in the sidebar.
- Press the **Window Arrow** button pointing to the right.

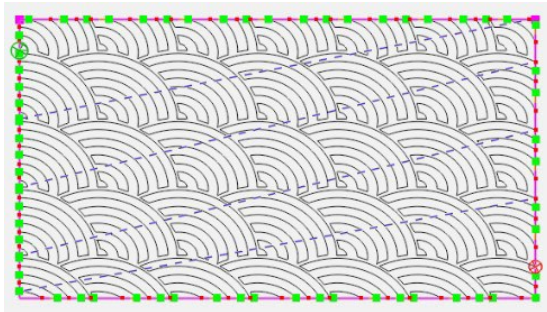


This shifts the complete design to the right and wraps the design around on the left filling in the blank areas.

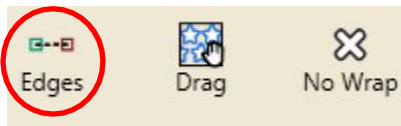
- Continue to press the arrow buttons to adjust the design in the window.
- Press **Vertical** in the sidebar.



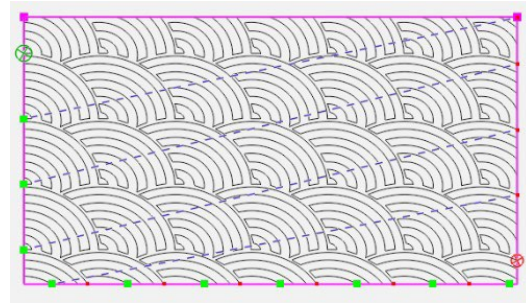
- Press the **Up** or **Down Window Arrow** buttons to adjust the design.
- These arrows add to or take away from the top and bottom of the design in the window.



- Press **Edges** in the sidebar.
- This closes the sides and creates a continuous stitching line.



- The design is now wrapped from edge to edge and top to bottom and fits the area.



- **Baseline.**

16.5 Stitch the Design

- Select **Pro-Stitcher** tab.
- Press **Quilt** on the ribbon.
- Press **Run**. Verify Settings.
- Press **Proceed**. Stitch design.
- Use the Edge to Edge with Drag and Drop instructions in the above tutorial for advancing your design.
- Select **File** tab.
- Press **Clear All** on the ribbon.

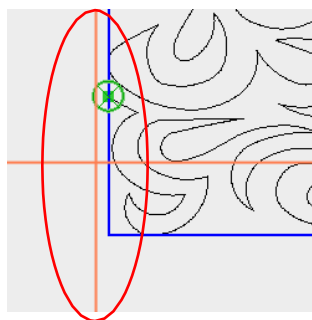
17. Cropping the Bottom of an Edge-to-Edge Design

***Pro-Stitcher Tip:** The Crop function is based on creating an area first, then cropping the design inside the area or cropping the design outside the area. In this tutorial, you will be cropping the design at the bottom that is too large for the final row of the quilt.*

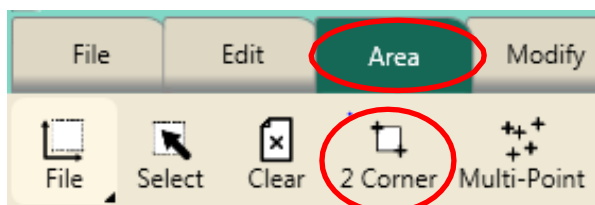
17.1 Create a New Area

- Press **Cancel** in the workspace.
- Select **Area** tab.
- Press **Clear** in the sidebar if you still have the area in the workspace.

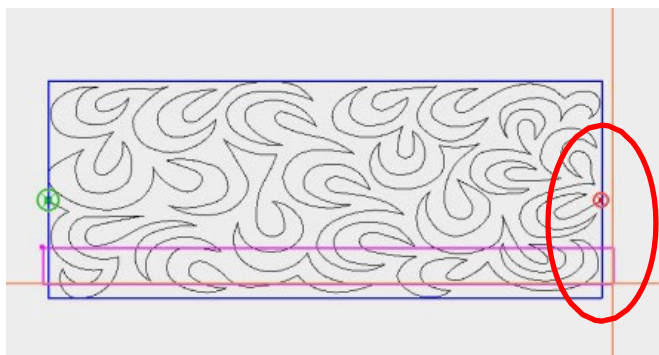
- Move the machine over to the left side of the quilt so the crosshairs are outside of the design and at the level on the design that you would like cropped.



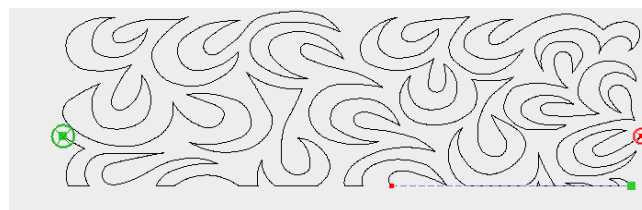
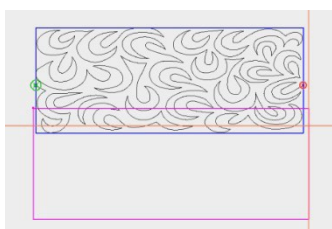
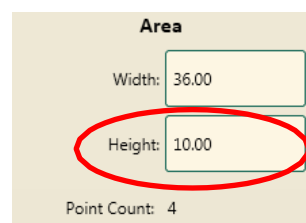
- Press **2 Corner** on the ribbon.



- Move the machine to the right and below the area to crop.
- Press **2 Corner** on the ribbon.



- If there is still some design below the Purple Area box, enter a larger number in the **Area Height** box so that the complete design at the bottom is enclosed in the



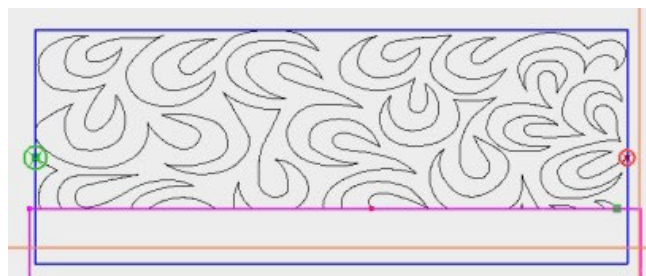
Area box.

***Pro-Stitcher Tip:** It doesn't matter how large the area is below the design, just make sure it encloses the entire design at the bottom.*

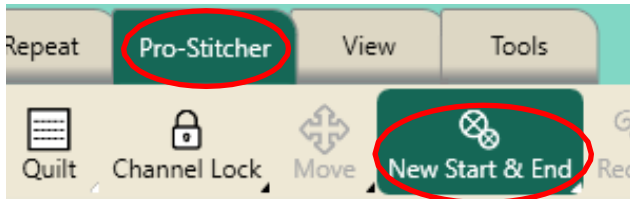
17.2 Crop Design

- Select **Modify** tab.
- Press **Crop** on the ribbon.

- Press **Inside** and **Edges** in the sidebar.



- **Baseline.**
- Select **Pro-Stitcher** tab.
- Press **New Start & End** on the ribbon.



- In the bottom of the Start column, under the word Jumps, press the arrow pointing down until it is at the beginning of the last row.
- Press **Quilt**.
- Press **Run**. Verify Settings.
- Press **Proceed**.
- The last cropped row of your quilt will stitch.