

Steps for Quilting Power Panto, Blocks, and using Repair

Power Panto on Rolling Rail Frame

1. Open Pantograph
2. Safe Area-Set: Set 2-3 inches larger than quilt. Never set the safe area the same size as the quilt
3. Note in simulation mode: Set Safe Area width 10 inches wider than your project and set the height 5 inches less than your throat space.
4. Enter the quilt total height (plus 1-2 inches) and total width (plus 1-2 inches)
5. Select pattern
6. Adjust pattern size with +/- or enter size
7. Adjust space between rows: Use + to add space between the rows, - to remove space between rows. "What you see is what you get". Check at 100% in magnification.
8. Save Panto (saves the pantograph design and design specs)
9. Check the stop light in the bottom right corner: Green is great, yellow – design is close to the safe are margin, red – quilt design is larger than the horizontal safe area.
10. Quilt in Zones
11. Save as a zone sewing project now and after making any changes in Zone Manager. (saves the stitching parameters for the quilt/pattern)

Zone Stitching – Quilting Interface

12. Go to Settings
 - a. No tie off count or choose to tie off count
 - b. Keep pause at trim line checked
 - c. SPI 12 is the best look
13. Go to zone Manager (construction looking box), answer Yes to continue
 - a. Show Zone – should be 1 if just starting
 - b. Zone scale: w = 100% H= 90-92%
 - c. Zone preferences
 - i. Choose zone placement top center or 4pt
 - ii. Start position. Start on left
 - iii. Sewing direction #1 Uniform #2 Back and forth #3 Continuous
 - d. OK to return to Quilting Interface
 - e. YES, save as Zone Project, select first save, Yes to overwrite
14. Check the instruction white box
15. Pattern placement
 - a. Move needle (cursor) to center of one-point center was selected
 - b. Tap on pattern placement button
 - c. Popup: mark top center because no physical mark in the first zone
 - d. Pattern moves to top center
 - e. Ensure the needle is up
16. Zone stitches using the selected parameters in Zone Manager
17. Zone finished

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18. Mark next zone
19. Pop up? Have you completed sewing this zone. Make sure to pull bobbin to top and clip threads before selecting Yes
20. Popup – machine will move to top center of the next zone.
21. Mark next zone option 3 has all functions, release carriage, pull bobbin, sew the reference mark.
 - a. Pull bobbin
 - b. Single stitch
 - c. Sew mark
 - d. Cut long 1" Leave reference marks until done with project
 - e. Continue
 - f. Continue
22. Popup-yes – mark has been sewn
23. Popup – machine will move to near where you need to advance the reference sewn on the quilt.
24. Move fabric pop up? Move the fabric so that 2A is beneath the needle (near the take-up roller). Close is good, doesn't need to be perfect
25. Have I moved it Yes
26. Baste the sides of the quilt top to backing/batting
27. Place zone pattern
 - a. Move the needle over the corner of the reference mark
 - b. Tap on the placement button
28. Pull bobbin and sew
29. Zones 2 – last zone: repeat steps 17-27
30. Last zone (after step 27 above and pattern is placed)– if pattern extends below bottom edge of quilt top
 - a. Move needle to just below bottom edge of quilt
 - b. Click on trimmed diamond (left clipping button)
 - c. The box is red (safe area): top and sides are the same. Bottom has moved to where needle was placed. (the full pattern can be restored by tapping the full diamonds button)
31. Pull bobbin and sew
32. Finished

Blocks

1. Select and Sew
2. Safe Area-Set: Set 2-3 inches larger than quilt. Never set the safe area the same size as the quilt
3. Note in simulation mode: Set Safe Area width 10 inches wider than your project and set the height 5 inches less than your throat space.
4. Select Pattern

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5. Pattern Placement Screen (identified in upper left corner)
6. Look at the box with the up/down arrows
7. Choose placement method for the type of pattern placing
8. Select how to fill the space (usually fit which keeps aspect ratio or stretch to push pattern to block margin)
9. Place the pattern – move needle to corner, tap node (turns green)
10. Add margin, if desired (space between pattern and seam margin)
11. Quilt

Quilting Interface – Block Stitching

12. Settings – select sewing & automation settings for the project
13. Pull bobbin. Keep bobbin thread on top start/finish. Always clip on top. **DON'T LEAVE DANGLING THREADS**
14. Needle warning?
15. Hold onto the thread
16. Sew
17. Finished, pull bobbin thread to top and clip

Using Repair DO NOT MOVE THE QUILT

1. Stop stitching
2. Release carriage
3. Take care of the issue whatever that may be: re-thread, new bobbin
4. Tap repair
5. Move needle over thread path. Back 5-6 stitches from where stopped (over stitching will lock stitching).
6. Tap closest stitch
7. Nudge to align over path if it isn't already over the path
8. Pull bobbin

Trace only works if you stop and don't move the machine (or after using closest stitch and nudge, if needed, to align needle with stitch path).

How to bring bobbin thread to the top:

1. At the end of stitching, move the machine about 6" to the side
2. Hold onto the top thread and move the machine back to where the stitching ended
3. Take one stitch
4. Still holding onto the top thread, move the machine to the side 6-8 inches and tug on the top thread. The bobbin thread comes up
5. Clip all threads on the top of the quilt