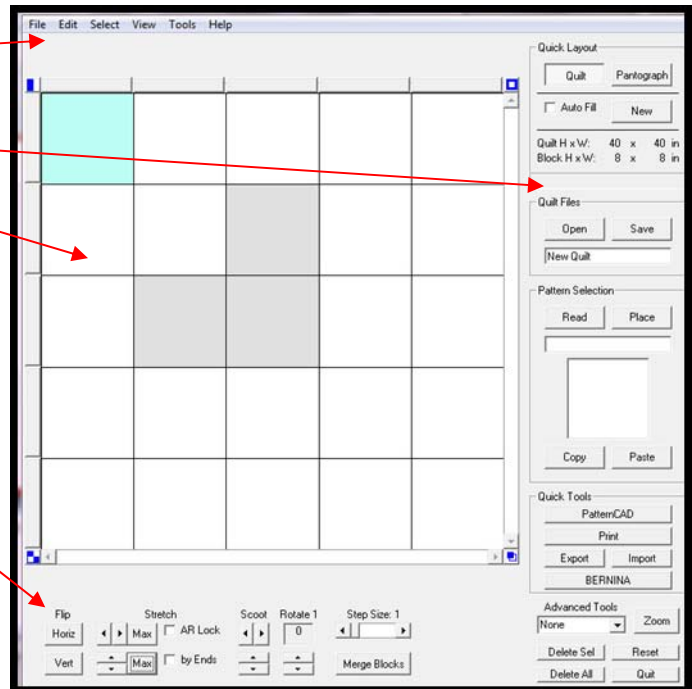# QuiltMotion

QuiltCAD Basics

Overview

Screen Layout
Familiarize you with the QuiltCad Tools they are always in the same place, clearly labeled, easy to use.

Take a look at the general toolbars located at the
- Top Left
- Right
- Center area of the screen
- Bottom Left

Right Tool Bar

Quilt Layout -create project as a **Quilt** or **Pantograph** design layout.
> **Quilt Measurements** –view measurements of current quilt or block area Default measurements-Quilt Size 40" x 40 and Block size 8" x 8"
> **New-** open the dialogue box to re-size the quilt. Create a new layout that allows you to change block size, quilt size, number row and columns .The size range for resizing the quilt is – 1 inch x 1 inch up to 17 feet x 17 feet, and anywhere in between. Change the rows and columns to create a new layout.

Quilt Files-
> **Open** and **Save** your quilt or pantograph designs

Pattern Selection
> **Read** easily view and **Place** patterns for your quilt project.
> **Copy** and **Paste** selected patterns in quilt layout.
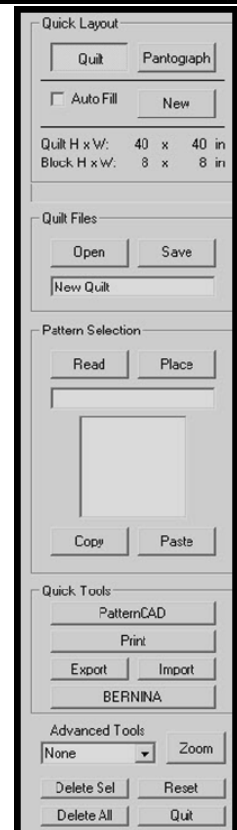
Quick Tools
> **Pattern CAD**- fully integrated into QuiltCAD and allows for editing existing patterns and creating new patterns
> **Print** -view the entire design in Print Preview
> You also may see exactly how your quilt design will print to paper and you have the ability to print you designs to full scale.
> **Export and Import**
> **BERNINA**- go from pattern creation to stitching. Here is where the transition from computer to machine/frame and the automated quilting process begins.

Advanced Tools- Create wonderful effect to give your quilt beautiful stitch patterns with just a little help. Create unique effects quickly and easily using the drop menu options.
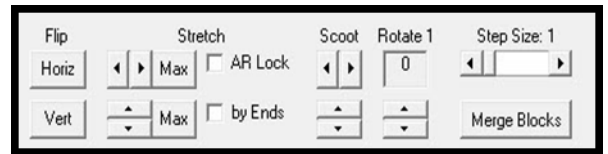
>   **Repeat Pattern**
>   **Triangle Blocks**
>   **Row Rippling**

Miscellaneous Tools-These tools allow for more control and viewing of patterns.

>   **Zoom**
>   **Delete Selection**
>   **Delete All**
>   **Reset**
>   **Quit**

Bottom Left Tool Bar

Pattern Shaping Tools- these tools are used for working with a pattern on the screen. Pattern shaping tools allow you to easily position, change orientation, stretch and scoot patterns to fit with the blocks just right!

>   **Flip-** mirror the pattern in the horizontal and vertical orientation
>   **Stretch-** resizes the pattern independently in both width and height
>>   **AR Lock –** aspect ratio lock maintains proportional sizing (stretching) of the width and height of patterns
>>   **By Ends-** stretch the pattern by the end points vertically or horizontally or both in the selected block
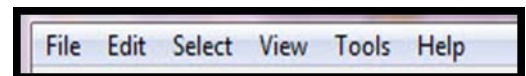>   **Scoot-** move and position active pattern horizontally or vertically in the quilt area. Speed of movement may be changed using the **Step Size** options
>   **Rotate1 –** rotate selected pattern in 1 ° increments as the default. Segment of degrees is varied using Step Size.
>   **Step Size 1-** allows for changes in movement when using Scoot and segments of degrees when you Rotate selected pattern.
>   **Merge Blocks-** allow you to drag and select a group of blocks and quickly create one larger block. When combined with **Advanced Tools** very beneficial for placing duplicate patterns quickly and control spacing of patterns in the merged block.
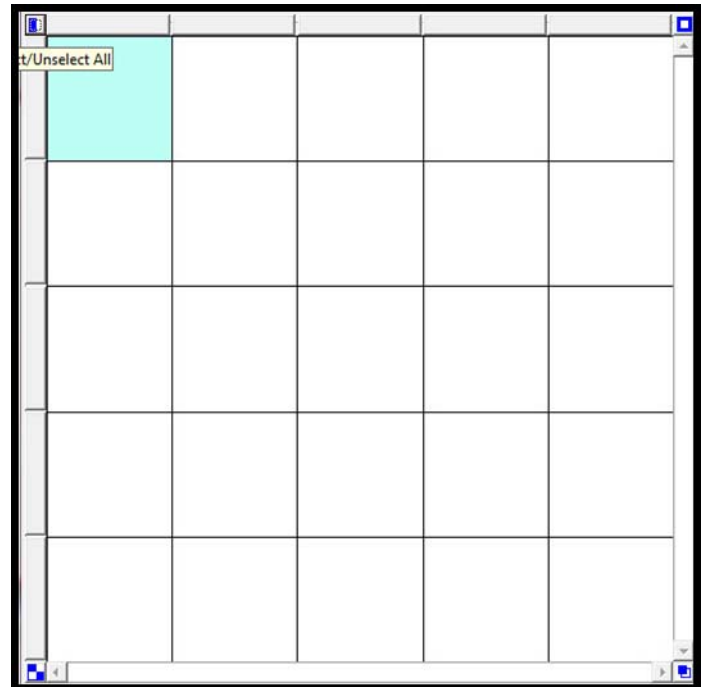
Top Left Menu Bar

Most of QuiltCAD's features and functions are located in one of the Menu Bar drop down menus

File
Edit
Select
View
Tools
Help

Center Screen Area

Pattern placement area of the quilt blocks whether you have in **Quilt** or **Pantograph** mode.

- The Quilt is a graphical spreadsheet that permits you to precisely plan and view the continuous line art patterns.
- The squares represent the blocks of the quilt or pantograph and number of blocks can be set to the dimensions desired using the Quilt Layout tools.

Block Selection Options

There are a variety of simple methods for selecting blocks or groups of blocks.
Buttons or tabs surrounding the quilt area give quick and easy options.

Upper Left Corner – First click will select ALL blocks, the second click NO blocks are selected.

Lower Left Corner – First click will select the blocks in a checker board layout the second click selects the opposite checkered blocks.

Top Right Corner – First click will select the blocks on the perimeter (border) of the quilt, the second click selects only the corners, the third click selects perimeter blocks minus the corners.

Lower Right Corner – Click to select the opposite of whatever blocks are selected on screen.

Tabs- Upper & Left Edge- Select the tabs to select and deselect that row or and columns of blocks.

- **Select a single block** – Click inside the block to select and deselect the block.
- **Select a group** –Click on a block and dragging to define the selection area. Release the mouse and blocks are selected. Deselect in the same manner.
- **Menu Bar** –Click **Select** menu and all the block selection options are available with some additional ones listed.