

Husqvarna Viking Designer EPIC digital embroidery machine - how to use it!

>>>> I would recommend knowing how to use a sewing machine before being trained on this

*Under the JoyOS advisor tab, the Knowledge Center page has several quick tutorials for preparation basics like winding and inserting the bobbin, threading the upper thread and threading the needle using the automatic needle threader - it also has basics for embroidery preparation, like attaching the embroidery unit, attaching the sensor Q-foot, inserting the fabric and stabilizer into the hoop, and sliding on the hoop.

**The User's Guide tab at the top of the screen also has a digital user's guide that is the equivalent of the physical copy we have, but with more details

Sewing mode

1. Turn it on (switch is on bottom right of the ride side of the machine)
2. Under the JoyOS advisor tab, select Sewing at the top
3. Select the type of fabric you're using (i.e. woven medium fabric for most standard cottons)
4. Select the technique you plan on using (i.e. seam, buttonhole, etc.)
5. Wind the bobbin and insert it
6. Thread the upper thread through machine and use automatic threader to thread the needle
7. Say we're just doing a simple seem first: click seem, it will bring you to a new screen/workspace
 - a. The suggested stitch, stitch length, tension, etc. will be preset - you can adjust them if necessary - it also tells you the appropriate presser foot to use - A is the most common foot to use for most basic sewing techniques
 - b. Align your fabric where you want to make the seem, hit the presser foot down button, and lightly push your foot down on the pedal to start sewing
 - c. To do a backstitch (i.e. to secure the threads at the beginning and end of your seam), just press the reverse button -- you do not need to hold it down as you would on a standard sewing machine - press it again when you're done with backstitching
 - d. Press the scissors button and the machine will cut the threads for you and lift up the foot
 - e. To change direction (like on a corner) without ending the seam, just like normal, lift up the presser foot, turn the fabric with the needle in the fabric, lower the presser foot and continue sewing
8. Button hole:
 - a. You need to attach the Sensor One-Step Buttonhole Foot (the one with the black attachment and cord)

- i. Take off the regular sewing foot by pushing it down towards you (leave the ankle on)
 - ii. Line the small horizontal bar on the metal part of the buttonhole foot with the ankle and push back until it clicks into place - plug the cord into the back left side of the machine
 - iii. Align the white mark on the black part of the foot with the white marks on the left side of the reel wheel on the foot
 - b. Measure your button with the millimeter ruler on the front of the machine (at the bottom) and enter the measurement into the workspace screen
 - c. Align your fabric under the foot where you'd like to make the buttonhole (machine will start by sewing backwards - away from you)
 - d. Lower the presser foot and start sewing (push down on the foot pedal) - continue to sew until the machine automatically stops and cuts the thread -- it will do the work for you!!
 - e. Once you're done, there will not be an opening in your buttonhole, so use an exacto knife on a cutting mat and cut a slit (making sure not to cut too far to either end) or scissors!
9. You can also use sewing mode for darning!
- a. Under seam technique -- press the zigzag icon on the menu to the right and it will show you lots of stitches to choose from (A has utility stitches like the ones we've used thus far) --- stitches A-33, 34, 35, 36 are all darning stitches -- used to mend small tears or holes
 - b. Go back to using the common presser foot A
 - c. Using stitches A 33 or 35, you stitch over the length of the hole first and then press the reverse button for continuous darning and auto stop (once you stitch the length of it, the machine has the correct length of the tear and will work over that space until it is basically repaired) -- I'd recommend stitching perpendicularly to the tear if using A33 to start - may need to stitch the other way too

Embroidery mode

- 1. Turn it on
- 2. Make sure it's connected to WIFI
- 3. Attach the embroidery unit
- 4. Attach the Sensor Q-foot
 - a. The presser feet are located in the accessory unit
 - b. The needle should be up in its highest position
 - c. Remove the foot that's already attached - if it's the A foot, just pull it down, if it's the Sensor One-Step Buttonhole foot, just unplug it and pull the foot down

- d. Use the universal tool to unscrew the ankle (the white and black thing that the other presser feet attach too) -- the end of the presser foot is magnetic, so the screw can stay in there while you're changing things out so it doesn't get lost
 - e. Line the Sensor Q-foot up to the metal part of the machine (that the ankle was attached to) and use the universal tool to reattach the screw
5. Choose which hoop size you'll use depending on how big your fabric is and how big you want your design to be (we currently only have stabilizer big enough to fit the smallest hoop, but we should be ordering more soon)
6. Fit your fabric and stabilizer onto your hoop
 - a. The stabilizer goes under the fabric
 - b. Pull out the lever on the bottom right of the large hoop to release the tension
 - c. Put the largest piece of the hoop on the bottom with the side with the screw on the bottom right - put the stabilizer and fabric on top - then press the smaller piece of the hoop into the fabric, pull the lever back into its original position and tighten the screw
 - d. Tighten the screw and pull at the edges of the fabric until it is taught
 - e. Set the hoop aside while you design!
7. Click the Embroidery tab under JoyOS advisor
8. Click "start new" at the bottom of the screen
 - a. The arm will need to calibrate, so remove anything from the area so it can move freely (your hoop should not be attached yet)
9. The screen shows your workplace - load your design images onto the workplace
 - a. Select the hoop size you're using by clicking icon showing a hoop with dimensions next to it in the bottom left (use 120x120 for trainings - the smallest hoop we currently have)
 - b. Pre-loaded designs are under the pink flower tab on the left side of the screen -- scroll down to look through designs and there are categories (A through N) on the bottom of the tab
 - c. To place a design on the workplace, press down on the desired design for a couple seconds and drag it onto the screen
 - d. You can drag the image around, make it larger by dragging the corners, turn it by dragging the circle at the top of the image (certain designs can only go up to certain sizes) --- to override the pre-set size limit, select the image you want to resize, and then click the icon in the lower left corner that shows pink flowers growing in size
 - e. The toolbox icon allows you to delete images on the workplace --- if you have more than one component on your workplace, click on the one you want to delete and hit the trash icon

- f. To increase the size of multiple components at equal rates, click the square icon that has three smaller squares inside of it (in the toolbox) and drag the outer boundaries to increase the size of both things simultaneously
 - g. To mirror the image side to side, click the diamond icon with the white triangle facing the left (in the toolbox); to mirror the image top to bottom, click the diamond shaped icon with the white triangle facing down (in the toolbox)
 - h. To duplicate the image, click the icon showing two solid white boxes overlapping (in the toolbox)
 - i. You can precisely adjust the placement of your images (rather than dragging with your finger) by either clicking the triangles around the dial in the center of the bottom part of the screen or typing in the distance from the top/bottom and the distance from the right/left
 - j. To center your image, click the icon in the middle of the center of the workspace dial that has arrows pointing towards a square
- 10. Once you're satisfied with the design on your workplace, press the GO button at the bottom right corner
 - a. A pop up screen will appear showing the specifications of your project - click Continue
 - b. The embroidery arm will adjust to its correct placement for the selected hoop size
- 11. The Color Block List will appear showing the different steps the machine will take to stitch your design
 - a. The order of the colors is the order in which the machine will stitch - the color at the top will be stitched first
 - b. It will also tell you the estimated time it will take to stitch each part of the design
 - c. The size of each color block indicates how many stitches the color block contains
 - d. Load the bobbin and upper thread with the first color in the Color Block List
 - e. You can change the color of the design just by loading your desired color of thread
 - f. You may need to remove the hoop to load the thread if you didn't do it before
 - g. It's important to load and run the colors in order they appear on the Color Block List so that the threads don't overlap in a funky manner where they're not supposed to be visible -- your finished product will be much cleaner if you do it in the order it lists
 - h. You can also merge the blocks to eliminate the stops between identical thread color blocks, or activate monochrome embroidery (design will show in grey color) to just use one thread color for all components of your design
- 12. When prompted, attach the hoop by sliding it into the slot on the right side of the embroidery arm - slide it away from you until it clicks into place

13. If you're at this stage and decide you want to change your design, click the reverse button on the bottom right corner of that page and it will bring you back to the workspace screen and you can make changes as before
14. Press the START/STOP button on the body of the machine (located below the Husqvarna logo) and the machine will embroider the first section with the appropriate thread color you've loaded
 - a. Once done, it will tell you so
 - b. Remove the hoop by pressing down on the button where the hoop is currently attached and slide the hoop out, pulling towards you
 - c. Remove the current bobbin and upper thread and reload with the next color
15. Reload the hoop and press start again
 - a. Continue this way until you've done the last color, and a message will pop up on the screen saying the project is done

mySewnet Cloud

1. *mySewnet* installation requires one of these PC platforms: Windows 7, Windows 8, or Windows 10
2. Can register a new account on the machine itself or at husqvarnaviking.mysewnet.com
3. Allows you to synchronize your content in the *mySewnet* Cloud and your sewing machine with a folder on your PC - *mySewnet* will store designs, fonts, stitches and other files from your machine
4. Drag and drop files to the folder on your laptop and the files will automatically be transferred to the *mySewnet* cloud - which you can then access on the machine when you log in to your *mySewnet* account
5. You can also save designs you've made on the machine to your *mySewnet* cloud
 - a. To save a design you've made in the machine's workspace, click the red circle at the bottom left corner that has a cloud in it with a heart