

MASTER THE BASICS Designer Ruby | 90

MASTER THE BASICS



Accessories Included:

- A, B, C, D, E, H, J, Adjustable 1/4", R, S, Sensor One-Step Buttonhole Foot, Sensor Q-Foot, and Straight Stitch Plate
- Over 680 stitches and 5 sewing alphabets
- Over 650 built-in embroidery designs with 8 Built-in Embroidery Fonts in three different sizes

Top Selling Features

1. *mySewnet*™ and WiFi capabilities including content and design streaming
2. More than 12" to the right of the needle gives you the space to do more
3. Large 10.1" capacitive color touch screen lets you see and control more
4. Bright LED work light shows your stitching clearly in true color
5. JoyOS ADVISOR™ includes interactive tutorials, the owner's manual and more
6. Ribbon Embroidery Attachment capability
7. *deLuxe*™ Stitch System offers the perfect thread feed no matter the thread or fabric used
8. Electronic needle piercing power provides superior results when using heavy fabrics or multiple layers
9. EXCLUSIVE SENSOR SYSTEM automatically and continuously senses and adjusts for any fabric thickness
10. Extensive stitch package including patented stitch techniques

Sell Up Features from DESIGNER SAPPHIRE™ 85 sewing and embroidery machine

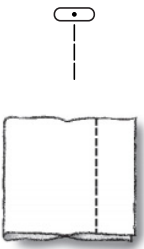
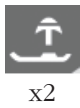

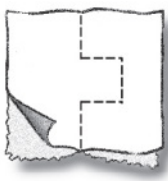
- Extra-large working area
- Extra-large capacitive color touch screen
- On-screen access to the *mySewnet*™ Library for design streaming with over 6,000 designs
- Ribbon Embroidery Attachment capability
- Accessory Guide in Knowledge Center
- Screen personalization - change the color scheme
- Fully automatic needle threader
- Improved LED lighting
- 2 USB ports
- Extended stitch plate with guidelines up to 65mm



Designer Ruby | 90

MASTER THE BASICS

Phase 1

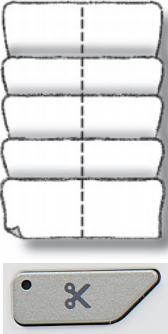
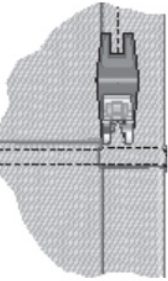
Feature	Technique	Benefit
<p>SEWS ALL FABRIC TYPES AND WEIGHTS</p> <p>SENSOR SYSTEM DEMO</p> 	<p>FABRIC: Chino</p> <p>SELECT: Stitch A:2</p> <p>USE: Presser Foot A</p> <p>SEW:</p> <ul style="list-style-type: none"> • Fold fabric in half. Line up fold on stitch plate line. • Step on the foot control to lower the foot and sew. • Sew off fabric and stop. 	<ul style="list-style-type: none"> • When you turn on your DESIGNER RUBY™ 90 sewing and embroidery machine, select your fabric and sewing technique from the JoyOS ADVISOR™ menu. The DESIGNER RUBY™ 90 sewing and embroidery machine will automatically choose the best stitch, stitch width & length, thread delivery system and presser foot pressure for the fabric and stitch you have selected. • When you are ready to sew, there is no need to lower the presser foot, just step on the foot control. The presser foot will automatically lower. The Exclusive SENSOR SYSTEM™ will change the way you think about sewing! • Automatically lowers foot.
	<p>Touch Sensor Foot Extra Lift twice.</p>	<ul style="list-style-type: none"> • With a touch, pressure foot rises to highest height and feed teeth lower.
	<p>FABRIC: Sweatshirt fleece</p> <p>SELECT: JoyOS ADVISOR™ feature, Stretch Medium, Seam, Engage Needle Down</p> <p>SEW:</p> <ul style="list-style-type: none"> • Fold the fabric into quarters. • Sew onto the four thicknesses. • Pivot, sew, pivot, and sew. • Sew off the fabric and stop. • Tap foot pedal: needle up. Tap again: needle down. Tap again. 	<ul style="list-style-type: none"> • It's easy to change your fabric choice, simply touch the Fabric Icon at the top of your screen. The DESIGNER RUBY™ 90 machine automatically changes your stitch to the correct one for knit fabrics. • Sensor Foot Extra Lift allows easy access to thick fabrics. • Pivot position – turning fabric, precise corners, appliqué. • Sensor Foot Pressure chooses perfect height for foot to float when pivoting.
	<p>FABRIC: 1 piece of cotton and batting</p> <p>Sew onto the fabric and batting.</p> <ul style="list-style-type: none"> • Stop, pivot, and sew. Continue sewing and pivoting on the fabric and batting. • Sew off the fabric and stop. 	<ul style="list-style-type: none"> • Exclusive Sensor Foot Pressure automatically and continuously senses the fabric thickness and adjusts for perfect fabric feed. • Diamond-point feed teeth move the fabric and batting evenly without snagging.



Designer Ruby | 90

MASTER THE BASICS

Phase 1

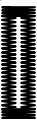
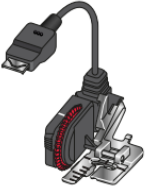
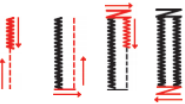
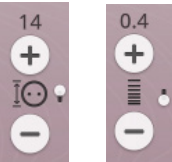

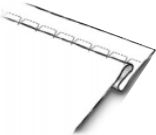
Feature	Technique	Benefit
	<p>FABRIC: Denim</p> <p>SELECT: JoyOS ADVISOR™ feature, Woven Heavy, Seam</p> <p>SEW:</p> <ul style="list-style-type: none"> • Begin sewing on single thickness. • Create pleats toward needle leaving single thickness space between pleats. Sew into the pleats. • Stop sewing at raw edge. Press Selective Thread Cutter. 	<ul style="list-style-type: none"> • Perfect even feeding over all weights of fabric. • Selective Thread Cutter pulls cut thread tails to the back. • Please change places with me and experience the Exclusive SENSOR SYSTEM™ for yourself.
	<p>JEANS HEM</p> <p>FABRIC: Denim</p> <p>SELECT: Woven Heavy and Seam</p> <p>SEW:</p> <ul style="list-style-type: none"> • Fold denim in half, wrong sides together. • Sew along the fold using 5/8" seam allowance. • Fold the seam to one side. • Topstitch fold down. • Fold up bottom raw edge twice to form hem. • Sew hem in place from the front side of the jeans hem. 	<ul style="list-style-type: none"> • Pulsating piercing power handles heavy duty projects. • Electronic power drives needle penetration even at slow speed.



Designer Ruby | 90

MASTER THE BASICS

Phase 1

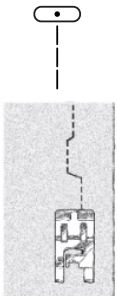





Feature	Technique	Benefit
<p>PERFECT REPEATING BUTTONHOLES</p>    	<p>SHOW: Buttonhole Sample</p> <p>FABRIC: Medium woven chino and stabilizer</p> <p>SELECT: Medium woven and Buttonhole on the JoyOS ADVISOR™ feature</p> <p>USE: Sensor One-Step Buttonhole Foot</p> <p>MEASURE: Enter the size of the button on the Button Size Control</p> <p>SEW:</p> <ul style="list-style-type: none"> • Fold fabric in half with stabilizer in the middle. • Match the white line with the white crown on the wheel. • Line the short toe of the buttonhole foot along the fold of the fabric. • Press on the foot control and sew buttonhole. • Reposition, repeat, and sew another. <p>SHOW: Increase or decrease buttonhole size using sizing icon.</p> <ul style="list-style-type: none"> • Adjust buttonhole density. 	<ul style="list-style-type: none"> • Sensor One-Step Buttonhole Foot creates perfectly balanced, one-step repeatable buttonholes. • 16 buttonholes - there's always one that's perfect for your project. • JoyOS ADVISOR™ selects the correct style of buttonhole, stitch length and stitch width for the type of fabric used. • You can even follow the step-by-step instructions right on your screen! <ul style="list-style-type: none"> • Adjust your buttonhole density on the screen.
<p>EASY BLIND HEM</p>  	<p>FABRIC: Medium Woven wool</p> <p>SELECT: Medium Woven, Blind Hem on the JoyOS ADVISOR™ feature.</p> <p>USE: Presser foot D</p> <p>SEW:</p> <ul style="list-style-type: none"> • Fold up hem on piece of wool. • Keep the fold along the inside of the large toe of the foot. • Just catch the fold with the left swing of the needle as you stitch. • Adjust the stitch width and catch just a thread from the fold. 	<ul style="list-style-type: none"> • Perfectly engineered blind hem foot (D) allows you to sew a beautiful blind hem. • Do you get confused on how to fold your hem to achieve the right effect? Watch the tutorial right on the screen. • Multiple needle positions allow for fine tuning.



Designer Ruby | 90

MASTER THE BASICS

Phase 1


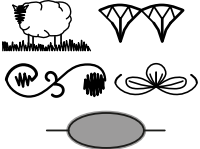
Feature	Technique	Benefit
<p>MULTIPLE NEEDLE POSITIONS</p>  	<p>FABRIC: Woven Medium chino SELECT: Straight stitch A:2 USE: Presser Foot A SEW:</p> <ul style="list-style-type: none"> • Fold fabric in half. • Keeping fold along the outside right edge of the presser foot, sew a seam. • Adjust needle position to the left with the Stitch Width icon. Re-align fabric as above and sew again. • Use the mirror image side-to-side to move the needle to the far right. • Sew as above one more time. 	<ul style="list-style-type: none"> • 29 needle positions make it easy to sew cording, piping, zippers. • Topstitching, under stitching, stitching-in-the-ditch, and edge stitching are also made easier with this feature.
<p>JoyOS ADVISOR™ FEATURE</p> 	<p>Using the JoyOS ADVISOR™ feature SELECT: Medium woven and Seam/Overcast SHOW: Correct stitch is selected for that fabric and technique SELECT: Medium stretch SHOW: The automatic changes in the stitch and settings</p>	<p>Simple selection, instant setting</p> <ul style="list-style-type: none"> • Best stitch • Best stitch width and length • Best thread tension/thread portioning • Best sewing speed • Best Sensor Foot Pressure • Capacitive Touch Screen shows recommended foot, needle, and stabilizer or cord.
<p>APPLIQUÉ</p>   	<p>FABRIC: 2” square of quilter’s cotton, 6” square of medium weight woven fabric and stabilizer. SELECT: Stitch B:6 or B:9, blanket or pin stitch USE: Presser Foot B SEW</p> <ul style="list-style-type: none"> • Layer centered 2” square on 6” square and stabilizer underneath all. • Line up the right side of the small square with the red line on the foot. • Adjust needle position if needed. • Press the foot control, stitch a few stitches then quickly touch Stitch Re-Start to stop at the end of the stitch. • Activate Needle Down. Continue stitching and pivot at corner. 	<ul style="list-style-type: none"> • Effortless appliqué. • Multiple needle positions mean accurate stitch placement along appliqué edge. • With Needle Down active, exact stopping position is maintained as you pivot.



Designer Ruby | 90

MASTER THE BASICS

Phase 2



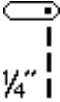

Feature	Technique	Benefit
<p>STRETCH STITCHES</p> 	<p>FABRIC: Sweatshirt fleece and ribbing</p> <p>SELECT: Stretch Medium, Collars, Ribbing on the JoyOS ADVISOR™ feature</p> <p>USE: Presser Foot B</p> <p>SEW:</p> <ul style="list-style-type: none"> • Cut a small neckline on fleece. • Fold ribbing in half lengthwise, stretch to fit curve of fleece. • Sew near fabric edge creating a neckline. 	<ul style="list-style-type: none"> • Creates a seam that will stretch on knit fabrics. • Seam/Overcast prevents raveling of the seam allowance on woven fabrics. • Watch a tutorial, on your screen, to learn how to create this neckline plus other neckline options. You have a sewing teacher at your fingertips.
<p>DECORATIVE STITCHES</p> 	<p>FABRIC: Woven medium chino and stabilizer</p> <p>SELECT: Menu L (Dimensional Stitches) and choose an appliqué, pop-up or sequin stitch of your choice. Show a stitch from menu K Omnimotion stitches.</p> <p>USE: Presser Foot as recommended on the screen</p> <p>SHOW:</p> <ul style="list-style-type: none"> • Select various stitches to show how easy it is to scroll through stitches and menus. <p>SEW:</p> <ul style="list-style-type: none"> • Sample of 2 or 3 decorative stitches. 	<ul style="list-style-type: none"> • Simply scroll through the menus on the screen to select your stitch category. Then touch the stitch to load. • The DESIGNER RUBY™ 90 model has hundreds of stitches to choose from, including stitches created using patented stitch techniques. These techniques allow you to create dimensional stitches in sewing mode! • There are even decorative stitches up to 54mm wide. You will have unlimited creative options! • Stitch length and width are selected for you but you can easily override the settings to customize each stitch. • Decorative stitches provide beautiful interest and embellishment for your projects.



Designer Ruby | 90

MASTER THE BASICS

Phase 2







Feature	Technique	Benefit
ALPHABETS/ MONOGRAMS 	SHOW: Lettering and monogram sample FABRIC: Woven medium chino and stabilizer SELECT: Fonts, Brush Line Alphabet USE: Presser Foot B PROGRAM: Program the customer's name SEW: the customer's name	8 different built-in fonts with upper and lower case letters, numbers and symbols. All of the fonts come in multiple sizes as well. Create quilt and other project labels.
HEIRLOOM STITCHES 	Show: Heirloom Stitch Sample FABRIC: Woven light linen or other natural fiber fabric and stabilizer. SELECT: Menu C (Heirloom Stitches) C:8 USE: Presser Foot B and a size 100 Wing needle SEW: a row of entredeux stitches.	<ul style="list-style-type: none"> • Specialty stitches are built-in for this beautiful technique. Grouped together in a menu so they are easy to find. • No need for time consuming hand work. • Programming is possible to create your own heirloom insertions with beautiful decorative stitches.
QUILTING: QUARTER INCH SEAM AND FREE-MOTION  	1/4" SEAM FABRIC: Woven Medium cotton SELECT: Stitch Menu D (Quilting Stitches) D:1 1/4 " stitch USE: Presser Foot A SEW: 1/4" seam FREE-MOTION FLOATING FABRIC: Woven Medium cotton with batting SELECT: Stitch A:2 SELECT: Free-Motion Icon SELECT: Free-Motion Floating USE: Presser Foot R SEW: Some stippling stitches	<ul style="list-style-type: none"> • Instant setting for perfect 1/4" seams when using the A Foot. The Adjustable 1/4" foot is included with your machine as well. • Lots of wonderful decorative stitches for quilting are built into your machine. • Multiple other quilting feet available. • 3 free-motion modes: <ul style="list-style-type: none"> - Free-Motion Floating: foot floats freely over fabric while quilting - Free-Motion Spring Action: foot moves up and down holding your fabric in place with each stitch - Free-Motion Ruler Foot: designed specifically to use the HUSQVARNA® VIKING® ruler foot with quilting rulers • Feed teeth drop automatically.



Designer Ruby | 90

MASTER THE BASICS

Phase 3

Feature	Technique	Benefit
<p>EMBROIDERY: CUSTOMIZING</p>      	<p>SHOW: EMBROIDERY HOOP SAMPLES</p> <p>FABRIC: Medium woven fabric with stabilizer hooped in large 360 x 260 hoop. Thread machine with 40 wt rayon thread and insert embroidery bobbin.</p> <p>SELECT: JoyOS ADVISOR™ feature, Embroidery, Start New</p> <p>USE: Sensor Q-Foot</p> <p>EDIT:</p> <ul style="list-style-type: none"> • Touch the Design Tab and note how the designs are grouped into categories for easy selection. • Touch design A:6 to preview the Design File information. • Select the design and drag it into the embroidery field. • Select hoop 360x260. • Touch the design and drag it to the left side to show on-screen movement. • Touch and hold on your design to bring up the Smart Tool Box. Select Duplicate and add another copy of the selected design. Touch and hold to mirror image the design end to end. • Duplicate until at least 4 designs are on your screen. • Demonstrate rotation by selecting the rotation icon. Rotate design on the screen. • Delete duplicate design by touching Delete to remove the selected design. Touch and Hold the Delete icon to delete all designs from screen. 	<ul style="list-style-type: none"> • The DESIGNER RUBY™ 90 sewing and embroidery machine converts from sewing to embroidery instantly. • Touch a design to preview the design size, number of stitches and the color changes. The Capacitive Touch Screen lets you instantly select the design and drag it into the embroidery field. • All available HUSQVARNA® VIKING® hoops are stored on screen for simple selection. • You can easily move your design anywhere you want it on the screen. • You can edit your embroidery designs on the Capacitive Touch Screen by touching and holding on the design to open the Smart Tool Box. From here you can easily mirror image, duplicate and delete. • Create your own designs directly on screen using exclusive built-in designs. • Choose the rotate icon and rotate your design in 1° increments or rotate 90° with a single touch. • Let's delete all the designs from the screen and start over.



Designer Ruby | 90

MASTER THE BASICS

Phase 3




Feature	Technique	Benefit
	<ul style="list-style-type: none"> • Select a new background color. Touch and hold the grid icon to confirm color and activate Alignment then close the window. • Touch the Design Shaping icon. Select the square shape. • Select the sizing icon and using the controls in the corners of the design box, scale the design down to approximately 100 x 100. • Touch the Design Menu. • Select design N:5 then touch and hold to load it. • Touch & hold the Set Number of Designs box. Enter 20 on the keypad, touch OK to close the keypad. Touch OK at the bottom of the screen to close Design Shaping. • Open the Thread Color Edit tab. • Choose Select All. • Touch the top color to show a color wheel of color choices. Choose a different color. • Touch the tab to close the window. 	<ul style="list-style-type: none"> • Select one of the 24 different background colors to see what your design will look like on a specific color of fabric or add a grid and activate alignment for easier design placement. • Your DESIGNER RUBY™ 90 machine has a wonderful feature called Design Shaping. We can take a small design – or we could even use built-in stitches – and duplicate the design to fit a shape. There are 10 shapes to choose from. • Your DESIGNER RUBY™ 90 sewing and embroidery machine has over 650 built-in designs to choose from. • With just a few clicks we can turn this 1 design into a beautiful embroidery. • Change thread colors on the Capacitive Touch Screen – without using your computer. What color would you like?



Designer Ruby | 90

MASTER THE BASICS

Phase 3








Feature	Technique	Benefit
<p>FEATURE: FONTS</p>  	<p>SELECT: Fonts tab/ Swirl 50</p> <p>SHOW:</p> <ul style="list-style-type: none"> • Choose first letter of customer's name and touch OK. • Touch the center of the Control Wheel to center the letter. • Change color of letter if desired. • See below to stitch the design. 	<ul style="list-style-type: none"> • Quickly and easily personalize your sewing using the built-in fonts. With the 8 built-in Embroidery fonts and the QuickFont Program you will have lots of fonts to choose from. • Easily combine fonts and embroideries and then view on screen before stitching.
<p>FEATURE: DESIGN POSITIONING</p> 	<p>PREPARE: Draw a straight line across the fabric about 1/3 of the way down in the hoop.</p> <p>EMBROIDER:</p> <ul style="list-style-type: none"> • Touch GO for Embroidery Stitch Out Mode. • Verify your settings in the Embroidery Stitch Out window. Touch continue. Slide on hoop when prompted. • Touch the Design Positioning Icon. • Touch Step 1. • Touch screen to assign first crosshair position on the design's lower left corner. • Select Step 2 icon and drag design on screen until the needle is directly on the left end of the drawn line. • Select Step 3 and touch the screen to place second crosshair to lower right corner of design. • Select Step 4 and drag design on screen until the needle is directly on the drawn line. • Stitch (see next step). 	<ul style="list-style-type: none"> • Unmatched accuracy for placing embroideries EXACTLY where you want them. • Simple step by step process makes it very user friendly. • Ability to move designs in any direction eliminates the tedium of trying to hoop fabric straight. This also makes it so easy to match designs for endless borders that look perfect.



Designer Ruby | 90

MASTER THE BASICS

Phase 3

Feature	Technique	Benefit
<p>AUTO SMART SAVE</p>  	<p>(Demonstrate in the middle of stitching the design)</p> <ul style="list-style-type: none"> In the middle of an embroidery, stop embroidering. Point out, and touch the Auto Smart Save icon on the screen. Turn off the machine. Re-start the machine and touch the Recover Smart Save Position. Continue embroidering. When design is finished stitching, delete design from screen. 	<ul style="list-style-type: none"> No need to try and carve out large amounts of time to continuously embroider large designs. Auto Smart Save means you can do it in sections. No worries that an interruption in power will ruin your embroidery. Your DESIGNER RUBY™ 90 sewing and embroidery machine will save your embroidery status about every 200 stitches.
<p>WIFI</p>     	<ul style="list-style-type: none"> If you are not already connected to WiFi – show how to connect. If you are connected, simply touch the WiFi icon and show that you are connected. If you are not logged into the <i>mySewnet</i>™ Cloud, log in. If you are already logged in, touch the <i>mySewnet</i>™ icon to show that you are logged in. Touch your File Manager tab. Select the <i>mySewnet</i>™ Cloud folder. Select the <i>mySewnet</i>™ Library folder. Search for “rose” and select a design. 	<ul style="list-style-type: none"> Your DESIGNER RUBY™ 90 sewing and embroidery machine is WiFi compatible. You can set up a <i>mySewnet</i>™ Cloud storage for free. Then save designs from your machine or your computer to the cloud and access them wirelessly. Your DESIGNER RUBY™ 90 machine is also updateable. When connected to the WiFi, you will be alerted if there is an update available and prompted to install it. The <i>mySewnet</i>™ Library opens up a world of opportunities. With a subscription you have access to over 6,000 designs. Your opportunities are truly endless with the HUSQVARNA® VIKING® DESIGNER RUBY™ 90 sewing and embroidery machine.