

DESIGNER™ Line Comparison Chart



FEATURES	DESIGNER EPIC™ 2	DESIGNER RUBY™ 90	DESIGNER SAPPHIRE™ 85	DESIGNER TOPAZ™ 50/40	DESIGNER JADE™ 35
<i>mySewnet</i> ™ Subscription Compatible	Yes, <i>mySewnet</i> ™ Library tab on-screen	Yes, <i>mySewnet</i> ™ Library tab on-screen	Yes, <i>mySewnet</i> ™ Library tab on-screen		
On-Screen Memory Capabilities	<i>mySewnet</i> ™ Cloud and USB Embroidery stick	<i>mySewnet</i> ™ Cloud and USB Embroidery stick	<i>mySewnet</i> ™ Cloud and USB Embroidery stick	My Files + USB Embroidery Stick	USB Embroidery Stick
<i>mySewnet</i> ™ Cloud Storage	●	●	●	Computer access only	Computer access only
<i>mySewnet</i> ™ Blog	●	●	●		
Design Positioning – Match your embroideries perfectly every time	Full <i>MySewMonitor</i> ™ App assistance	Full <i>MySewMonitor</i> ™ App assistance	Full <i>MySewMonitor</i> ™ App assistance	Basic	
Transfer Designs with WiFi and <i>mySewnet</i> ™ cloud sync tool	●	●	●		
Updates via Internet	Through WiFi or USB Embroidery Stick	Through WiFi or USB Embroidery Stick	Through WiFi or USB Embroidery Stick	Via USB Embroidery Stick	Via USB Embroidery Stick
HUSQVARNA® VIKING® Apps	<i>MySewMonitor QuickDesign</i> ™ JoyOS ADVISOR™	<i>MySewMonitor QuickDesign</i> ™ JoyOS ADVISOR™	<i>MySewMonitor QuickDesign</i> ™ JoyOS ADVISOR™	JoyOS ADVISOR™ (Limited Capability)	JoyOS ADVISOR™ (Limited Capability)
EXCLUSIVE SEWING ADVISOR™	Yes, extended with JoyOS ADVISOR™ Feature	Yes, extended with JoyOS ADVISOR™ Feature	Yes, extended with JoyOS ADVISOR™ Feature	●	●
EMBROIDERY ADVISOR™	Yes, extended with JoyOS ADVISOR™ Feature	Yes, extended with JoyOS ADVISOR™ Feature	Yes, extended with JoyOS ADVISOR™ Feature		
Quick Help System Directly on Screen	Quick Help, Index Help	Quick Help, Index Help	Quick Help, Index Help	Quick Help	
On-Screen Accessory Guide	●	●	●		
Dual Feed Technology	Integrated Dual Feed Technology Built-in	Interchangeable Dual Feed Included	Interchangeable Dual Feed Included		
Extended Dual Stitch Plate	Guidelines up to 65mm on both sides of the needle	Guidelines up to 65mm on both sides of the needle	Guidelines up to 40mm on both sides of the needle	Guidelines up to 40mm on both sides of the needle	Guidelines up to 40mm on both sides of the needle



FEATURES	DESIGNER EPIC™ 2	DESIGNER RUBY™ 90	DESIGNER SAPPHIRE™ 85	DESIGNER TOPAZ™ 50/40	DESIGNER JADE™ 35
Adjustable Laser Sewing Guidance	●				
Exclusive Stitch Techniques	6	5	5		
Built-In Stitches	844	817	680	261/208	120
Programmable Sewing Fonts	5 Can also be embroidered	5 Can also be embroidered	5 Can also be embroidered	5/4	2
<i>deLuxe™</i> Stitch System	●	●	●		
Electronic Self-Adjusting Thread Tension	Plus <i>deLuxe™</i> Stitch System	Plus <i>deLuxe™</i> Stitch System	Plus <i>deLuxe™</i> Stitch System	●	●
Exclusive Sensor System	+ Feed teeth drop with extra lift	+ Feed teeth drop with extra lift	+ Feed teeth drop with extra lift	●	
Automatic Feed Teeth Drop	Sewing and Embroidery	Sewing and Embroidery	Sewing and Embroidery	Embroidery Only	Embroidery Only
Side-Motion Sewing	●	●	●		
Free-Motion Sewing	3 Modes: Free-Motion Ruler Foot, Free-Motion Floating and Free-Motion Spring Action	3 Modes: Free-Motion Ruler Foot, Free-Motion Floating and Free-Motion Spring Action	3 Modes: Free-Motion Ruler Foot, Free-Motion Floating and Free-Motion Spring Action	2 Modes: Free-Motion Floating and Free-Motion Spring Action	Free-Motion Spring Action
Stitch Positioning	●	●	●	●	
Needle Positions	37	29	29	29	29
PBB (Perfectly Balanced Buttonholes) with Sensor One-Step Buttonhole Foot	16 Buttonholes + 3 Eyelets + Sew on Button	16 Buttonholes + 3 Eyelets + Sew on Button	15 Buttonholes + 2 Eyelets + Sew on Button	9 Buttonholes + 2 Eyelets + Sew on Button / 7 Buttonholes + Eyelet + Sew on Button	7 One-Step Buttonholes + Eyelet + Sew on Button
Straight Stitch Plate with Sensor	●	●	●		
Light Indicates Needle Stop Up/Down	●	●	●	●	●
Stop Function	●	●	●	●	●
Fix Tie-Off Function	●	●	●	●	●



FEATURES	DESIGNER EPIC™ 2	DESIGNER RUBY™ 90	DESIGNER SAPPHIRE™ 85	DESIGNER TOPAZ™ 50/40	DESIGNER JADE™ 35
Stitch Pattern Re-Start	●	●	●	●	
Speed Control	5 Sewing Speeds	5 Sewing Speeds	5 Sewing Speeds	5 Sewing Speeds	5 Sewing Speeds
Taper Stitch Select Angles – Choose from 18 different angles	●	●	●	●/no	
Directional Sewing – 4-way and 8-way	●	●	●		
My Stitches Menu	100 MB memory available using WiFi/a USB stick	100 MB memory available using WiFi/a USB stick	100 MB memory available using WiFi/a USB stick	24 memories/ 20 memories	1 memory
Stitches Displayed On Screen	●	●	●	●	●
Stitches Displayed Actual Size	●	●	●		
Starting Point of Stitch Indicated On Screen	●	●	●	●/no	
Twin Needle Setting	●	●	●	●	●
Twin Needle Life View Displayed On Screen	●	●	●	●/no	
Stitch Width Safety	●	●	●	●	●
Adjust Stitch; length, width, mirror image side-to-side and end-to-end	●	●	●	●	●
Ribbon Embroidery Attachment Capability	●	●			
Add Grid to Screen for Placement	●	●	●		
Check Size and Placement before Embroidering	●	●	●	●	●
Designs Included	756 built-in designs	651 built-in designs	629 built-in designs	159 built-in designs/ 100 built-in designs	70 designs on USB embroidery stick
Design Shaping	●	●	●		
Design Appliqué - Choose from shapes or alphabet and create appliqués on the screen	●	●	●		
Possibility to Embroider Buttonholes in the Hoop	●	●	●		



FEATURES	DESIGNER EPIC™ 2	DESIGNER RUBY™ 90	DESIGNER SAPPHIRE™ 85	DESIGNER TOPAZ™ 50/40	DESIGNER JADE™ 35
Embroider Decorative Stitches in the Hoop	•	•	•		
Baste in Hoop	2 options	2 options	2 options	•	•
Selective/Automatic Thread Cutter with Automatic Jump Stitch Trim	•	•	•	•	Automatic Thread Cutter
Design-Select – Select one or more embroideries for editing	•	•	•		
Change Design Stitch Out Order	•	•	•		
Load and View Multi-format Designs	•	•	•	•	
Resize Design with Stitch Recalculation	•	•	•		
Scale Design	•	•	•	•	•
Rotate Designs	One degree increments	One degree increments	One degree increments	One degree increments	90 degree increments
Color Edit	Change design colors, change background color, select monochrome	Change design colors, change background color, select monochrome	Change design colors, change background color, select monochrome	Select to embroider in color or monochrome	Select to embroider in color or monochrome
Grouping of Designs – Create a group of selected designs on screen for editing	•	•	•		
Undo/Redo when Creating Design Combinations	•	•	•		
Color Block Sort – Eliminate color changes with a touch	•	•	•		
Color Block Merge – Eliminate color stops in large or combined designs	•	•	•		
Combine embroidery designs on screen	•	•	•	Up to 10 designs/ Up to 5 designs	
Zoom and Pan	•	•	•	•	



FEATURES	DESIGNER EPIC™ 2	DESIGNER RUBY™ 90	DESIGNER SAPPHIRE™ 85	DESIGNER TOPAZ™ 50/40	DESIGNER JADE™ 35
Cursor Mark On-Screen While Embroidering	●	●	●	●	
Embroidery Speed	1000spm	1000spm	1000spm	800spm	700spm
My Hoops – Select hoops you own	●	●	●	●	
Largest Hoop Size Available	360x350mm (14¼"x13¾")	360x350mm (14¼"x13¾")	360x350mm (14¼"x13¾")	360x200mm (14¼"x7⅞")/ 240x150mm (9⅝"x6")	240x150mm (9⅝"x6")
DESIGNER™ Imperial Hoop 360x260mm (14¼"x10¼") Included	●	●			
DESIGNER™ Royal Hoop 360x200mm (14¼"x8") Included			●	●/no	
DESIGNER™ Crown Hoop 260x200mm (10¼"x8") Included	●	●	●		
DESIGNER™ Jewel Hoop 240x150mm (9⅝"x6") Included				no/●	●
DESIGNER™ Splendid Square Hoop 120x120mm (4¾"x4¾") Included	●	●	●	●/no	
DESIGNER™ Majestic Hoop 360x350mm (14¼"x13¾") Enabled	Optional	Optional	Optional		
Tapering in Embroidery Mode	●	●	●		
Multi-Size Embroidery Fonts	8	8	8	2/1	1
HUSQVARNA® VIKING® USB Embroidery Stick	<i>mySewnet™</i> Services	<i>mySewnet™</i> Services	<i>mySewnet™</i> Services	●	●
Stitch Width	9mm	7mm	7mm	7mm	7mm
Automatic Bobbin Thread Pick-up	●	●	●	●	●
Go To Exact Embroidery Stitch Number	●	●	●	●/no	



FEATURES	DESIGNER EPIC™ 2	DESIGNER RUBY™ 90	DESIGNER SAPPHIRE™ 85	DESIGNER TOPAZ™ 50/40	DESIGNER JADE™ 35
Embroidery Time Countdown by Color	●	●	●	●/no	
Step Through Embroidery by Color and Stitch-by-Stitch	●	●	●	●	●
Select Designs from Thumbnail Pictures	●	●	●	●	
Free QuickFont and Embroidery Software to Download	●	●	●	●	Embroidery INTRO Software Included
Electronic Piercing Power	150 N	150 N	150 N	90 N	60 N
Display Type	Large 10.1" (217x136mm) Full Color Capacitive Touch Screen with 180° viewing angle & high resolution (1280x800)	Large 10.1" (217x136mm) Full Color Capacitive Touch Screen with 180° viewing angle & high resolution (1280x800)	8" (177x99mm) Full Color Capacitive Touch Screen, high resolution (1024x600)	3.5" (70x53mm) Full Color Touch Screen	3.125" (72x35mm) Graphic Display Monochrome
Touch and Hold for Easy Handling of Designs, Files and More	●	●	●		
Screen Saver with Start Up Screen	●	●	●	●/no	
Lock Screen Option	●	●	●	●/no	
Sewing Surface to the Right of the Needle	310mm (over 12")	310mm (over 12")	250mm (almost 10")	250mm (almost 10") /200mm (almost 8")	200mm (almost 8")
"Snap On" Presser Feet	●	●	●	●	●
Sew and Embroider With or Without Foot Control	●	●	●	●	●
Multi-Function Foot Control Capability	●	●	●		
Instant and Permanent Reverse	●	●	●	●	●
Lighted Thread Area	●	●			
Light System	Market leading LED light, with adjustable intensity	Market leading LED light, with adjustable intensity	LED technology with adjustable intensity	Rows of light emitting diodes (LED)/3 LED	3 LED



FEATURES	DESIGNER EPIC™ 2	DESIGNER RUBY™ 90	DESIGNER SAPPHIRE™ 85	DESIGNER TOPAZ™ 50/40	DESIGNER JADE™ 35
Needle Threader	Automatic	Automatic	Manual	Manual	Manual
Multiple Languages	14	14	13	12	12
Choose On-Screen Color Scheme	●	●	●		
Smart Save	●	●	●		
Separate Motor to Wind Bobbin While Sewing or Embroidering	●	●	●		
USB Connectivity	2 USB Ports for Embroidery Sticks and optional accessories	2 USB Ports for Embroidery Sticks and optional accessories	Embroidery Stick and optional accessories	Embroidery stick	Embroidery stick
Designed & Engineered in Sweden	●	●	●	●	Designed in Sweden
Sew with Embroidery Unit Attached	●	●	●		
Top and Bobbin Thread Sensor	●	●	●	●	Top Thread Sensor
Jam-Proof Rotary Hook	●	●	●	●	●
Permanently Lubricated	●	●	●	●	●
Slide-On Accessory Tray	Double Sided	Double Sided	Double Sided	●	●
Machine Storage Included	Custom Fabric Soft Cover	Custom Fabric Soft Cover	Hard Cover	Hard Cover/ Soft Cover	Built-In Accessory Compartment
Embroidery Unit Soft Bag	Included	Included	Included	Optional	Optional