

# DESIGNER™ Line Comparison Chart



FEATURES	DESIGNER EPIC™ 2	DESIGNER BRILLIANCE™ 80	DESIGNER TOPAZ™ 50 DESIGNER TOPAZ™ 40	DESIGNER JADE™ 35
Exclusive SEWING ADVISOR™	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		
mySewnet™ Library Capability	Yes, on-screen access			
Integrated Dual Feed Technology	•			
Adjustable Laser Sewing Guidance	•			
Ribbon Embroidery Attachment Capability	•			
Multi-Function Foot Control Capability	•			
deLuxe™ Stitch System	•	•		
EXCLUSIVE SENSOR SYSTEM™	+ Feed teeth drop with extra lift	+ Feed teeth drop with extra lift	•	
Accessory Guide	•			
Choose On-Screen Color Scheme	•			
Display Type	Large 10.1" (217x136mm) full-color capacitive touch screen with 180° viewing angle and high resolution (1280x800).	Ultimate Interactive Full Color Capacitive Touch Screen 7.0" (154.2x85.9mm) high resolution (1024x600)	Large Color Touch Screen 3.5" (70x53mm)	Graphic Display Monochrome 3 1/8" (71.5x34.5mm)
Built-In Stitches	844 Can be upgraded with more stitches	555 Can be upgraded with more stitches	261/208	120
Designs Included	756	571	159 built-in designs/ 100 built-in designs	70
Stitch Width	9mm	7mm	7mm	7mm



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Multi-Size Embroidery Fonts	8	5	2/1	1
Embroidery Unit Size	Large	Large	Medium/Small	Small
Imperial Hoop 14¼"x10¼" (360x260mm) Included	•			
Royal Hoop 14¼"x8" (360x200mm) Included		•	●/no	
Crown Hoop 10¼"x8" (260x200mm) Included	•	•		
Jewel Hoop 9.6"x6" (240x150mm) Included			no/ ●	•
Splendid Square Hoop 4¾"x4¾" (120x120mm) Included	•	•	●/no	
DESIGNER™ Majestic Hoop 14¼"x13¾" (360x350mm) Included	Optional	Optional		
Higher Embroidery Speed	•	•		
Needle Threader	Automatic	Manual	Manual	Manual
Design Appliqué - Choose from shapes or alphabet and create appliqués on the screen	•	•		
Design Shaping	•	•		
Design Positioning – Match your embroideries perfectly every time	Full	Full	Basic	
Resize Design with Stitch Recalculation	•	•		
Embroidery Customize on Screen	•	•	Up to 10 designs/ Up to 5 designs	
Selective/Automatic Thread Cutter with Automatic Jump Stitch Trim	•	•	•	Automatic Thread Cutter



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Large Sewing Surface	310mm (almost 12") to the right of the needle	250mm (almost 10") to the right of the needle	250mm (almost 10") to the right of the needle / 200mm (almost 8") to the right of the needle	200mm (almost 8") to the right of the needle
Light System	Market leading LED light. Adjust density.	LED technology and light guides provide excellent lighting on your work area.	Rows of light emitting diodes (LED) / 3 LED	3 LED
USB Connectivity	Two USB Ports for Embroidery Sticks	USB Port for Embroidery Stick	Embroidery Stick	Embroidery Stick
Transfer Designs with WiFi	●	●		
Updates via Internet	Through WiFi or USB Embroidery Stick	Through WiFi or USB Embroidery Stick	Via USB Embroidery Stick	Via USB Embroidery Stick
Lighted Thread Area	●			
Embroidery Unit Soft Bag Included	●	●		
Screen Saver with Start Up Screen	●	●	●/no	
Ability to Use USB Mouse			●/no	
Lock Screen Option	●	●	●/no	
Built-In Stylus Holder	N/A - Capacitive Touch Screen	N/A - Capacitive Touch Screen	●	N/A - LCD Display
Quick Wind Bobbin – Separate motor to wind bobbin while sewing or embroidering	●	●		
HUSQVARNA® VIKING® USB Embroidery Stick	<i>mySewnet™</i> Services	<i>mySewnet™</i> Services	●	●
Free QuickFont and Embroidery Software to Download	●	●	●	Embroidery Intro PC Software Included
Quick Help System Directly on Screen or Printed	Quick Help, Index Help	Quick Help, Index Help	Quick Help	
Automatic Feed Teeth Drop	Sewing and Embroidery	Sewing and Embroidery	Embroidery Only	Embroidery Only
Slide-On Accessory Tray	Double Sided	Double Sided	●	●
Top and Bobbin Thread Sensor	●	●	●	Top Thread Sensor



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Multiple Languages	12	10	12	12
Electronic Self-Adjusting Thread Tension	Plus <i>deLuxe™</i> Stitch System	Plus <i>deLuxe™</i> Stitch System	●	●
Extended Dual Stitch Plate	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
Automatic Bobbin Thread Pick-up	●	●	●	●
Jam-Proof Rotary Hook	●	●	●	●
Permanently Lubricated	●	●	●	●
Machine Storage	Custom Fabric Soft Cover Included	Hard Cover Included	Hard Cover Included	Built-In Accessory Compartment
Designed & Engineered in Sweden	●	●	●	Designed in Sweden
Color Block Sort – Eliminate color changes with a touch	●	●		
Color Block Merge – Eliminate color stops in large or combined designs	●	●		
Grouping of Designs – Create a group of selected designs on screen for editing	●	●		
Smart Save	● In sewing, embroidery edit and embroidery stitch-out	● In sewing, embroidery edit and embroidery stitch-out		
Possibility to Embroider Buttonholes in the Hoop	●	●		
Undo/Redo when Creating Design Combinations	●	●		
Change Design Stitch Out Order	●	●		
Tapering in Embroidery Mode	●	●		
Sew Decorative Stitches in the Hoop	●	●		



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Design-Select – Select one or many embroideries for editing	●	●		
Touch & Hold for Easy Handling of Designs, Files and More	●	●		
Select Designs from Thumbnail Pictures	●	●	●	
Go To Exact Embroidery Stitch Number	●	●	●/no	
Zoom and Pan	●	●	●	
Load and View Multi-format Designs	●	●	●	
Add Grid to Screen for Placement	●	●		
Embroidery Time Countdown by Color	●	●	●/no	
Cursor Mark On-Screen While Embroidering	●	●	●	
Color Edit	Change design colors, change background color, select monochrome	Change design colors, select monochrome	Select to sew in color, or monochrome	Select to sew in color, or monochrome
Rotate Designs	One degree increments	One degree increments	One degree increments	90 degree increments
Baste in Hoop	2 options	2 options	●	●
Scale Design	●	●	●	●
Step Through Embroidery by Color and Stitch-by-Stitch	●	●	●	●
Check Size and Placement before Embroidering	●	●	●	●
My Hoops – Select hoops you own	●	●	●	
Exclusive Stitch Techniques	6	5		



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Interchangeable Dual Feed Included	Integrated Dual Feed Technology Built-in	●		
Straight Stitch Plate with Sensor	●	●		
Side-Motion Sewing	●	●		
Taper Stitch Select Angles – Choose from 18 different angles	●	●	●/no	
Directional Sewing – 4-way and 8-way	●	●		
Sew with Embroidery Unit Attached	●	●		
Permanent Memories	mySewnet™ Cloud and USB Embroidery stick	mySewnet™ Cloud and USB Embroidery stick	My Files + USB Embroidery stick	
Stitch Pattern Re-Start	●	●	●	
My Stitches Menu	100 MB memory available using WiFi/ a USB stick	100 MB memory available using WiFi/ a USB stick	24 memories/ 20 memories	1 memory
Programmable Sewing Fonts	5 Can also be embroidered	5 Can also be embroidered	5/4	2
PBB (Perfectly Balanced Buttonholes) with Sensor One-Step Buttonhole Foot	16 Buttonholes + 3 Eyelets + Sew on Button	11 Buttonholes + 2 Eyelets + Sew on Button	9 Buttonholes + 2 Eyelets+ Sew on Button /7 Buttonholes +Eyelets + Sew on Button	6 Buttonholes + Eyelet
Stitches on Screen	● Starting point of stitch indicated on screen	● Starting point of stitch indicated on screen	● Starting point of stitch indicated on screen /no	●
Speed Control	5 Sewing Speeds	5 Sewing Speeds	5 Sewing Speeds	5 Sewing Speeds
Twin Needle Setting	● The look of the stitch is shown on screen	● The look of the stitch is shown on screen	● The look of the stitch is shown on screen /no	●
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	2 Modes: Free Motion Floating and Free Motion Spring Action	Free Motion Spring Action



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Stitch Positioning	●	●	●	
Adjust Stitch; length, width, mirror image side-to-side and end-to-end	●	●	●	●
Twin Needle and Stitch Width Safety	●	●	●	●
Sew With or Without Foot Control	●	●	●	●
Light Indicates Needle Stop Up/Down	●	●	●	●
Fix Tie-Off Function	●	●	●	●
Instant and Permanent Reverse	●	●	●	●
Stop Function	●	●	●	●
Snap On Presser Feet	●	●	●	●
Needle Positions	37	29	29	29
Electronic Piercing Power	Pulsating needle force 150 NWT	Pulsating needle force 150 NWT	●	●

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