

DESIGNER™ series Comparison Chart



KEY FEATURES	DESIGNER EPIC™	DESIGNER RUBY Royale™	DESIGNER TOPAZ™ 50/40	DESIGNER TOPAZ™ 25	DESIGNER JADE™ 35
Exclusive SEWING ADVISOR®	Yes, extended with JoyOS ADVISOR™ Feature	●	●	●	●
EMBROIDERY ADVISOR™	Yes, extended with JoyOS ADVISOR™ Feature	●			
deLuxe™ Stitch System	●	●			
EXCLUSIVE SENSOR SYSTEM™	+ Feed teeth drop with extra lift	+ Feed teeth drop with extra lift	●	●	
Display type	Large 10.1" (217x136mm) full-color capacitive touch screen with 180° viewing angle and high resolution (1280x800).	Large Interactive Full Color Wide View Touch Screen 5.7" (116x87mm)	Large Color Touch Screen 3.5" (70x53mm)	Graphic Display Monochrome 3.0" (63x48mm)	Graphic Display Monochrome 3 1/8" (71,5x34,5mm)
Built-in stitches	807 Can be upgraded with more stitches	528 Can be upgraded with more stitches	261/208	160	120
All stitches including letters, characters etc.	1294	1082	715/565	423	301
Designs included	651	182 built-in designs 175 Classic collection	159 built-in designs/ 100 built-in designs	75 designs on USB Embroidery stick	70
Multi-Size embroidery fonts	8	4	2/1	1	1
Embroidery Unit size	Large	Medium	Medium/Small	Small	Small
Imperial Hoop 14 1/4" x 10 1/4" (360x260mm)	●				
Royal Hoop 14 1/4" x 8" (360x200mm)		●	●/no		
Crown Hoop 10 1/4" x 8" (260x200mm)	●				
Jewel Hoop 9.6"x6" (240x150mm)			no/ ●	●	●
Splendid Square Hoop 4 3/4" x 4 3/4" (120x120mm)	●	●	●/no		
DESIGNER™ Majestic Hoop 14 1/4" x 13 3/4" (360x350mm)	Optional				
Higher Embroidery Speed	●	●			
Needle threader	Automatic	Manual	Manual	Manual	Manual
Design Appliqué - Choose from shapes or alphabet and create appliqués right on the screen	●	Basic			
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		



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Selective/Automatic Thread Cutter with Automatic Jump Stitch Trim	●	●	●	●	Automatic Thread Cutter
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	200mm (almost 8") to the right of the needle
Light System	Market leading LED light. Adjust density	Rows of light emitting diodes (LED)	Rows of light emitting diodes (LED) / 3 LED	3 LED	3 LED
USB Connectivity	Two USB ports for Embroidery stick	Embroidery stick, Cable to computer	Embroidery stick	Embroidery stick	Embroidery stick
UPDATES via internet	Through WiFi or USB Embroidery Stick	Via PC USB Cable or USB Embroidery Stick	Via USB Embroidery Stick	Via USB Embroidery Stick	Via USB Embroidery Stick



EMBROIDERY FEATURES	DESIGNER EPIC™	DESIGNER RUBY <i>Royale</i> ™	DESIGNER TOPAZ™ 50/40	DESIGNER TOPAZ™ 25	DESIGNER JADE™ 35
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 – Remembers your place in embroidery	●	●			
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	●	●			
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	Select to sew in color, or monochrome
Rotate designs	One degree increments	One degree increments	One degree increments	90 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	●	●	●	●	



SEWING FEATURES	DESIGNER EPIC™	DESIGNER RUBY <i>Royale</i> ™	DESIGNER TOPAZ™ 50/40	DESIGNER TOPAZ™ 25	DESIGNER JADE™ 35
Dimensional Stitches	●	8 Applique Stitches			
Interchangeable Dual Feed Included	●	Optional	Optional	Optional	Optional
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	My Files + USB Embroidery Stick	My Files + USB Embroidery Stick		
Stitch pattern Re-Start	●	●	●		
Stitch width, 7mm	●	●	●	●	●
My Stitches Menu	48 memories	30 memories	24 memories/ 20 memories	12 memories	1 memory
Programmable sewing fonts	8 Can also be embroidered	6 Can also be embroidered	5/4	3	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 + eyelet + sew on button	6 Buttonholes + eyelet + 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 (DESIGNER TOPAZ™ 50)	●	●
Speed control	5 sewing speeds	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 (DESIGNER TOPAZ™ 50)	●	●
Free Motion Sewing	2 modes Free Motion Floating and Free Motion Spring Action	2 modes Free Motion Floating and Free Motion Spring Action	2 modes Free Motion Floating and Free Motion Spring Action	2 modes Free Motion Floating and Free Motion Spring Action	Free Motion Spring Action
Stitch Positioning	●	●	●		
Adjust Stitch; length, width, mirror image side-to-side and end-to-end	●	●	●	No mirror image 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	●	●	●	●	●
29 Needle positions	●	●	●	●	●
Electronic piercing power	Pulsating needle force 150Nw	●	●	●	●



MORE FEATURES	DESIGNER EPIC™	DESIGNER RUBY Royale™	DESIGNER TOPAZ™ 50/40	DESIGNER TOPAZ™ 25	DESIGNER JADE™ 35
Lighted Thread Area	●				
Embroidery unit soft bag included	●				
Needle Thread Tension/Portioning Compensations – Possibility to change settings to override the preset tension for special techniques or personal preferences and save as default	●	●			
Screen Saver with Start Up Screen	●	●	●/no		
Ability to use USB mouse		●	●/no		
Lock Screen Option	●	●	●/no		
Built-in Stylus holder		●	●/no		
Quick Wind Bobbin – separate motor to wind bobbin while sewing or embroidering	●	●	●		
HUSQVARNA VIKING® USB Embroidery Stick	mySewnet™ 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/no		Embroidery Only
Slide-on accessory tray	Double Sided	●	●	●	●
Top and bobbin thread sensor	●	●	●	●	Top thread sensor
Multiple languages	●	●	●	●	●
Electronic self-adjusting thread tension	+ deLuxe™ Stitch System	+ deLuxe™ 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	Guidelines up to 40mm on both sides of the needle
Automatic bobbin thread pick-up	●	●	●	●	●
Jam-Proof Rotary Hook	●	●	●	●	●
Permanently lubricated	●	●	●	●	●
Hard cover carrying case		●	●	●	Built-in accessory compartment
Designed and Engineered in Sweden	●	●	●	●	Designed in Sweden