

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 |



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| 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 | ● | ● | ● | ● | ● |



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| 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 | ● | ● | ● | | |



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| 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 | • | • | • | • | |



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| 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 | |



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| 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 |



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| 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 | Built-In Accessory Compartment |
| Embroidery Unit Soft Bag | Included | Included | Included | Optional | Optional |