

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"x10 1/4" (360x260mm) | ● | | | | |
| Royal Hoop 14 1/4"x8" (360x200mm) | | ● | ●/no | | |
| Crown Hoop 10 1/4"x8" (260x200mm) | ● | | | | |
| Jewel Hoop 9.6"x6" (240x150mm) | | | no/ ● | ● | ● |
| Splendid Square Hoop 4 3/4"x4 3/4" (120x120mm) | ● | ● | ●/no | | |
| DESIGNER™ Majestic Hoop 14 1/4"x13 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 Royale™ | 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 | ● in sewing, embroidery edit and embroidery stitch-out | ● 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 | ● | ● | | | |
| 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 Royale™ | 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 /no | ● | ● |
| 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 /no | ● | ● |
| 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 <i>Royale</i> ™ | 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 | + <i>deLuxe</i> ™ Stitch System | + <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 | 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 |