

# DESIGNER™ series Comparison Chart



| KEY FEATURES  | DESIGNER DIAMOND Royale™  | DESIGNER RUBY Royale™   | DESIGNER TOPAZ™ 50                            | DESIGNER TOPAZ™ 40                           | DESIGNER TOPAZ™ 25                           |
|---|---|---|---|--|--|
| deLuxe™ Stitch System   | ●   | ●   |   |  |  |
| EXCLUSIVE SENSOR SYSTEM™  | + Feed teeth drop with extra lift                                       | + Feed teeth drop with extra lift                                   | ●   | ●  | ●  |
| Exclusive SEWING ADVISOR®   | ●   | ●   | ●   | ●  | ●  |
| Exclusive EMBROIDERY ADVISOR™   | ●   | ●   |   |  |  |
| Display type  | Ultimate Interactive Full Color Wide View Touch Screen 8.0" (174x104mm) | Large Interactive Full Color Wide View Touch Screen 5.7" (116x87mm) | Large Color Touch Screen 3.5" (70x53mm)       | Large Color Touch Screen 3.5" (70x53mm)      | Graphic Display Monochrome 3.0" (63x48mm)    |
| Built-in stitches   | 698<br>Can be upgraded with more stitches                               | 528<br>Can be upgraded with more stitches                           | 261   | 208  | 160  |
| All stitches including letters, characters etc.   | 1250  | 1082  | 715   | 565  | 423  |
| Designs included  | 233 built-in designs<br>175 Classic collection                          | 182 built-in designs<br>175 Classic collection                      | 159 built-in designs                          | 100 built-in designs                         | 75 designs on USB Embroidery stick           |
| Multi-Size embroidery fonts   | 4   | 4   | 2   | 1  | 1  |
| Embroidery Unit size  | Large   | Medium  | Medium  | Small  | Small  |
| Royal Hoop 14¼"x8" (360x200mm)  | ●   | ●   | ●   |  |  |
| Crown Hoop 10¼"x8" (260x200mm)  | ●   |   |   |  |  |
| Large Embroidery Hoop 9.6"x6" (240x150mm)   |   |   |   | ●  | ●  |
| Splendid Square Hoop 4¾"x4¾" (120x120mm)  | ●   | ●   | ●   |  |  |
| DESIGNER™ Majestic Hoop 14¼"x13¾" (360x350mm)   | Optional  |   |   |  |  |
| Higher Embroidery Speed   | ●   | ●   |   |  |  |
| Select screen appearance  | ●   |   |   |  |  |
| Design Appliqué - Choose from shapes or alphabet and create appliqués right on the screen | Full  | Basic   |   |  |  |
| Design Shaping  | ●   |   |   |  |  |
| Design Positioning – Match your embroideries perfectly every time                         | Full  | Full  | Basic   | 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                         | ●   | ●   | ●   | ●  | ●  |
| Large Sewing Surface  | 250mm (almost 10") 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  | Adjustable E LIGHT™<br>Adjust light intensity and color (LED)           | Rows of light emitting diodes (LED)                                 | Rows of light emitting diodes (LED)           | 3 LED  | 3 LED  |
| USB Connectivity  | Embroidery stick, Cable to computer                                     | Embroidery stick, Cable to computer                                 | Embroidery stick                              | Embroidery stick                             | Embroidery stick                             |
| UPDATES via internet  | Via PC USB Cable or USB Embroidery Stick                                | Via PC USB Cable or USB Embroidery Stick                            | Via USB Embroidery Stick                      | Via USB Embroidery Stick                     | Via USB Embroidery Stick                     |



| <b>EMBROIDERY FEATURES</b>   | <b>DESIGNER DIAMOND Royale™</b>                                 | <b>DESIGNER RUBY Royale™</b>            | <b>DESIGNER TOPAZ™ 50</b>             | <b>DESIGNER TOPAZ™ 40</b>             | <b>DESIGNER TOPAZ™ 25</b>             |
|--|---|---|---------------------------------------|---------------------------------------|---------------------------------------|
| 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   | ●   | ●                                       | ●                                     |                                       |                                       |
| Zoom and Pan   | ●   | ●                                       | ●                                     | ●                                     |                                       |
| Load and View Multi-format Designs   | ●   | ●                                       | ●                                     | ●                                     |                                       |
| Add grid to screen for placement   | ●   | ●                                       |                                       |                                       |                                       |
| Embroidery Time Countdown by Color   | ●   | ●                                       | ●                                     |                                       |                                       |
| Cursor mark on-screen while embroidering                                       | ●   | ●                                       | ●                                     | ●                                     |                                       |
| Color Edit   | Change design color, 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                 | 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  | ●   | ●                                       | ●                                     | ●                                     | ●                                     |



| SEWING FEATURES   | DESIGNER DIAMOND Royale™   | DESIGNER RUBY Royale™   | DESIGNER TOPAZ™ 50  | DESIGNER TOPAZ™ 40  | DESIGNER TOPAZ™ 25  |
|---|--|---|---|---|---|
| Dimensional Stitches  | 8 Applique Stitches<br>4 Applique + Pop-Up Stitches<br>4 Pop-Up 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              | ●  | ●   | ●   |   |   |
| Directional Sewing – 4-way and 8-way                                      | ●  | ●   |   |   |   |
| Sew with embroidery unit attached   | ●  | ●   |   |   |   |
| Permanent memories  | My Files + USB Embroidery Stick  | My Files + 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   |
| Programmable sewing fonts   | 6<br>Can also be embroidered   | 6<br>Can also be embroidered                                  | 5   | 4   | 3   |
| 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                        |
| Stitches on screen  | ●<br>Starting point of stitch indicated on screen                        | ●<br>Starting point of stitch indicated on screen             | ●<br>Starting point of stitch indicated on screen             | ●   | ●   |
| Speed control   | 5 sewing speeds  | 5 sewing speeds   | 5 sewing speeds   | 5 sewing speeds   | 5 sewing speeds   |
| Twin Needle Setting   | ●<br>The look of the stitch is shown on screen                           | ●<br>The look of the stitch is shown on screen                | ●<br>The look of the stitch is shown on screen                | ●   | ●   |
| Free Motion Sewing  | 2 modes<br>Free Motion Floating and Free Motion Spring Action            | 2 modes<br>Free Motion Floating and Free Motion Spring Action | 2 modes<br>Free Motion Floating and Free Motion Spring Action | 2 modes<br>Free Motion Floating and Free Motion Spring Action | 2 modes<br>Free Motion Floating and 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   | ●  | ●   | ●   | ●   | ●   |



| MORE FEATURES   | DESIGNER DIAMOND Royale™                               | DESIGNER RUBY Royale™            | DESIGNER TOPAZ™ 50 | DESIGNER TOPAZ™ 40 | DESIGNER TOPAZ™ 25 |
|---|--|----------------------------------|--------------------|--------------------|--------------------|
| Lighted Thread Area   | ●  |                                  |                    |                    |                    |
| Alarm Lights  | ●  |                                  |                    |                    |                    |
| Embroidery Accessory Tray   | ●  |                                  |                    |                    |                    |
| 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   | ●  | ●                                | ●                  |                    |                    |
| Personalized Machine Sounds   | Among sounds included in machine + user defined sounds | Among sounds included in machine |                    |                    |                    |
| Ability to use USB mouse  | ●  | ●                                | ●                  |                    |                    |
| Lock Screen Option  | ●  | ●                                | ●                  |                    |                    |
| Built-in Stylus holder  | + Lighted Stylus Area                                  | ●                                | ●                  |                    |                    |
| Quick Wind Bobbin – separate motor to wind bobbin while sewing or embroidering  | ●  | ●                                | ●                  | ●                  |                    |
| HUSQVARNA VIKING® 1GB USB Embroidery Stick  | ●  | ●                                | ●                  | ●                  | ●                  |
| Free Quickfont and Embroidery software to download  | ●  | ●                                | ●                  | ●                  | ●                  |
| Quick Help System directly on screen or printed   | Quick Help, Index Help,                                | Quick Help, Index Help           | Quick Help         | Quick Help         |                    |
| Automatic feed teeth drop   | Sewing and Embroidery                                  | Sewing and Embroidery            | Embroidery Only    |                    |                    |
| Slide-on accessory tray   | Double Sided   | ●                                | ●                  | ●                  | ●                  |
| Top and bobbin thread sensor  | ●  | ●                                | ●                  | ●                  | ●                  |
| Needle threader   | ●  | ●                                | ●                  | ●                  | ●                  |
| Multiple languages  | ●  | ●                                | ●                  | ●                  | ●                  |
| Electronic self-adjusting thread tension  | + <i>deLuxe™</i> Stitch System                         | + <i>deLuxe™</i> Stitch System   | ●                  | ●                  | ●                  |
| Extended Dual Stitch Plate – 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  | ●  | ●                                | ●                  | ●                  | ●                  |
| Designed and Engineered in Sweden   | ●  | ●                                | ●                  | ●                  | ●                  |