

# DESIGNER™ series Comparison Chart



| KEY FEATURES  | DESIGNER DIAMOND™  | DESIGNER RUBY™  | DESIGNER TOPAZ™ 30                                 | DESIGNER TOPAZ™ 20                                 |
|---|--|---|--|--|
| <b>EXCLUSIVE SENSOR SYSTEM™</b><br>• Sensor Foot Lift and Extra Lift<br>• Sensor Foot Pivot<br>• Sensor Foot Pressure | Yes<br>Feed teeth drop with extra lift   | Yes<br>Feed teeth drop with extra lift  | Yes  | Yes  |
| Exclusive SEWING ADVISOR™   | Yes  | Yes   | Yes  | Yes  |
| Exclusive EMBROIDERY ADVISOR™   | Yes  | Yes   |  |  |
| Display type  | Ultimate Interactive Screen, 174 x 104 mm, 8.0" diagonal Full Color TFT, Wide VGA Touch Screen | Interactive Color Touch Screen, 116 x 87 mm, 5.7" diagonal Full Color TFT LCD, VGA Touch Screen | Graphic Display Monochrome 63 x 48 mm              | Graphic Display Monochrome 63 x 48 mm              |
| Built-in stitches   | 596<br>Can be upgraded with more stitches.   | 434<br>Can be upgraded with more stitches.  | 163  | 105  |
| All stitches (including stitches, letters, characters etc)  | 1192   | 988   | 620  | 368  |
| Designs included  | 154 built-in designs<br>175 Classic collection   | 147 built-in designs<br>175 Classic collection  | 75 designs on USB Embroidery stick<br>27 Bonus CD  | 75 designs on USB Embroidery stick                 |
| Multi-Size embroidery fonts   | 4  | 4   | 1  | 1  |
| Hoops included:   | Royal Hoop 360x200<br>Crown Hoop 260x200<br>Splendid Square Hoop 120x120                       | Royal Hoop 360x200<br>Splendid Square Hoop 120x120  | Royal Hoop 360x200<br>Splendid Square Hoop 120x120 | Crown Hoop 260x200<br>Splendid Square Hoop 120x120 |
| DESIGNER™ Majestic Hoop 360 x 350 (optional)  | Yes  |   |  |  |
| Design Shaping – Create new embroideries in an instant using stitches and/or embroidery                               | Yes  |   |  |  |
| Embroidery Customize on screen  | Yes  | Yes   |  |  |
| Design Positioning – Match your embroideries perfectly every time.  | Yes  | Yes   |  |  |
| Selective Thread Cutter with Automatic jump stitch trim   | Yes  | Yes   | Yes  |  |
| Large Sewing Surface – 250 mm (almost 10") to the right of the needle   | Yes  | Yes   | Yes  | Yes  |
| LIGHT   | Adjustable E LIGHT™ – Adjust light intensity and color (LED)                                   | Rows of light emitting diodes (LED)   | 2 light bulbs                                      | 2 light bulbs                                      |
| USB Connectivity  | Embroidery stick, Cable to computer<br>Optional; mouse, external CD drive and hub              | Embroidery stick, Cable to computer<br>Optional; mouse, external CD drive and hub               | 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                           |



| EMBROIDERY FEATURES   | DESIGNER DIAMOND™  | DESIGNER RUBY™                                 | DESIGNER TOPAZ™ 30                           | DESIGNER TOPAZ™ 20                           |
|---|--|--|--|--|
| Smart Save – Remembers your place in embroidery                                 | Yes  |  |  |  |
| Color Block Sort – Eliminate color changes with a touch.                        | Yes  |  |  |  |
| Color Block Merge – Eliminate color stops in large or combined designs.         | Yes  |  |  |  |
| Grouping of designs – Create a group of selected designs on screen for editing. | Yes  |  |  |  |
| Tapering in embroidery mode   | Yes  | Yes  |  |  |
| Resize design with stitch recalculation   | Yes  | Yes  |  |  |
| Sew decorative stitches in the hoop   | Yes  | Yes  |  |  |
| Select designs from thumbnail pictures  | Yes  | Yes  |  |  |
| Touch & Hold for easy handling of designs, files and more                       | Yes  | Yes  |  |  |
| Design-Select – select one or many embroideries for editing                     | Yes  | Yes  |  |  |
| Go To Exact Embroidery Stitch Number  | Yes  | Yes  |  |  |
| Zoom and Pan  | Yes  | Yes  |  |  |
| Load and View Multi-format Designs  | Yes  | Yes  |  |  |
| Add grid to screen for placement  | Yes  | Yes  |  |  |
| Embroidery Time Countdown by Color  | Yes  | Yes  |  |  |
| Cursor mark on-screen while embroidering  | Yes  | Yes  |  |  |
| Color Edit:   | Yes<br>Change design color, change background color, select monochrome | Yes<br>Change design colors, select monochrome | Yes<br>Select to sew in color, or monochrome | Yes<br>Select to sew in color, or monochrome |
| Rotate designs  | One degree increments  | One degree increments                          | 90 degree increments                         | 90 degree increments                         |
| Baste in hoop   | Yes  | Yes  | Yes  | Yes  |
| Scale design  | Yes  | Yes  | Yes  | Yes  |
| Step through embroidery by color and Stitch-by-Stitch                           | Yes  | Yes  | Yes  | Yes  |
| Check size and placement before embroidering                                    | Yes  | Yes  | Yes  | Yes  |
| My Hoops – Select the hoops you own   | Yes  | Yes  | Yes  | Yes  |



| SEWING FEATURES  | DESIGNER DIAMOND™   | DESIGNER RUBY™  | DESIGNER TOPAZ™ 30  | DESIGNER TOPAZ™ 20  |
|--|---|---|---|---|
| Side-motion sewing   | Yes   | Yes   |   |   |
| Taper Stitch Select Angles – Choose from 18 different angles   | Yes   | Yes   |   |   |
| Directional Sewing – 4-way and 8-way   | Yes   | Yes   |   |   |
| Sew with embroidery unit attached  | Yes   | Yes   |   |   |
| Permanent memories   | My Files + USB Embroidery Stick   | My Files + USB Embroidery Stick   |   |   |
| Stitch pattern Re-Start  | Yes   | Yes   | Yes   |   |
| Stitch width   | 7mm   | 7mm   | 7mm   | 7mm   |
| My Stitches Menu – Saves altered and favorite stitches; length, width, needle position, tension, foot pressure | My Stitches (48)<br>My Files, My Designs,<br>My Fonts<br>USB Embroidery Stick | My Stitches (30)<br>My Files, My Designs,<br>My Fonts<br>USB Embroidery Stick | My Stitches (20)  | My Stitches (15)  |
| Programmable fonts   | 6<br>Can also be embroidered  | 6<br>Can also be embroidered  | 5   | 3   |
| PBB (Perfectly Balanced Buttonholes) with Sensor One-Step Buttonhole Foot                                      | 16 Buttonholes + 3 eyelets + sew on button                                    | 10 Buttonholes + eyelet + sew on button                                       | 7 Buttonholes + eyelet + sew on button                              | 7 Buttonholes + eyelet + sew on button                              |
| Stitches on screen   | Yes,<br>Starting point of stitch indicated on screen                          | Yes,<br>Starting point of stitch indicated on screen                          | Yes   | Yes   |
| Speed control  | 5 sewing speeds   | 5 sewing speeds   | 5 sewing speeds   | 3 sewing speeds   |
| Twin Needle Setting  | Yes<br>The look of the stitch in shown on screen.                             | Yes<br>The look of the stitch in shown on screen.                             | Yes   | Yes   |
| Free Motion Sewing   | Yes - 2 modes<br>Free Motion Floating and Free Motion Spring Action           | Yes - 2 modes<br>Free Motion Floating and Free Motion Spring Action           | Yes - 2 modes<br>Free Motion Floating and Free Motion Spring Action | Yes - 2 modes<br>Free Motion Floating and Free Motion Spring Action |
| Stitch Positioning   | Yes   | Yes   | Yes   | Yes   |
| Adjust Stitch; length, width, mirror image side-to-side and end-to-end   | Yes   | Yes   | Yes   | Yes   |
| Twin needle and stitch width safety  | Yes   | Yes   | Yes   | Yes   |
| Sew with or without foot control   | Yes   | Yes   | Yes   | Yes   |
| Light indicates needle stop up/down  | Yes   | Yes   | Yes   | Yes   |
| FIX Tie-Off Function   | Yes   | Yes   | Yes   | Yes   |
| Instant and Permanent Reverse  | Yes   | Yes   | Yes   | Yes   |
| Stop Function  | Yes   | Yes   | Yes   | Yes   |
| Snap off and on presser feet   | Yes   | Yes   | Yes   | Yes   |
| Needle positions   | 29  | 29  | 29  | 29  |
| Electronic piercing power  | Yes   | Yes   | Yes   | Yes   |



| <b>MORE FEATURES</b>   | <b>DESIGNER DIAMOND™</b>                                | <b>DESIGNER RUBY™</b>       | <b>DESIGNER TOPAZ™ 30</b> | <b>DESIGNER TOPAZ™ 20</b> |
|--|---|-----------------------------|---------------------------|---------------------------|
| Personalized Machine Sounds  | Yes   |                             |                           |                           |
| Lighted Thread Area  | Yes   |                             |                           |                           |
| Alarm Lights   | Yes   |                             |                           |                           |
| Embroidery Accessory Tray  | Yes   |                             |                           |                           |
| Embroidery unit soft bag included  | Yes   |                             |                           |                           |
| Ability to use USB mouse on screen   | Yes   | Yes                         |                           |                           |
| Quick Help – touch icon for instruction  | Yes   | Yes                         |                           |                           |
| Index Help – complete machine instruction on screen                            | Yes   | Yes                         |                           |                           |
| Lock Screen Option   | Yes   | Yes                         |                           |                           |
| Built-in Stylus holder   | Yes<br>Lighted Stylus Area                              | Yes<br>Transparent Ruby red |                           |                           |
| Quick Wind Bobbin – separate motor to wind bobbin while sewing or embroidering | Yes   | Yes                         | Yes                       |                           |
| HUSQVARNA VIKING® 1GB USB Embroidery Stick                                     | Yes   | Yes                         | Yes                       | Yes                       |
| Embroidery PC software: 4D™ Organizer  | Yes   | Yes                         | Yes                       | Yes                       |
| Embroidery PC software: 4D™ Quick Font   | Yes   | Yes                         | Yes                       | Yes                       |
| Quick guide  | Yes - 2 guides<br>one for sewing and one for embroidery | Yes                         | Yes                       | Yes                       |
| Automatic feed teeth drop  | Sewing and Embroidery                                   | Sewing and Embroidery       | Embroidery Only           | Embroidery Only           |
| Slide-on accessory tray  | Yes - large   | Yes - large                 | Yes                       | Yes                       |
| Top and bobbin thread sensor   | Yes   | Yes                         | Yes                       | Yes                       |
| Needle threader  | Yes   | Yes                         | Yes                       | Yes                       |
| Multiple languages   | Yes   | Yes                         | Yes                       | Yes                       |
| Electronic self-adjusting thread tension                                       | Yes   | Yes                         | Yes                       | Yes                       |
| Extended Dual Stitch Plate – Guidelines up to 40mm on both sides of the needle | Yes   | Yes                         | Yes                       | Yes                       |
| Automatic bobbin thread pick-up  | Yes   | Yes                         | Yes                       | Yes                       |
| Jam-Proof Rotary Hook  | Yes   | Yes                         | Yes                       | Yes                       |
| Permanently lubricated   | Yes   | Yes                         | Yes                       | Yes                       |
| Hard cover carrying case   | Yes   | Yes                         | Yes                       | Yes                       |
| Designed and Engineered in Sweden  | Yes   | Yes                         | Yes                       | Yes                       |