

General Features

1. 10-needle free arm embroidery
2. 10-needle automatic threading
3. 10 thread eyelet threading system
4. Runway® Lighting
5. 5 built-in LED lights with adjustable settings
6. Compact LED light covers
7. InnovEye® 2 Technology
8. Up to 5 x scanning speed
9. Up to 3 x clearer camera resolution
10. Easy access to bobbin
11. Professional vertical rotary hook
12. Easy oiling maintenance button
13. Optimized upper shaft track
14. Refined lower shaft design
15. Multi-voltage capability
16. Up to 20% quieter than previous models
17. Black and red cosmetic design detail

My Design Center

18. Draw directly on the large LCD display to create embroidery
19. ScanImation™ Scanning Frame
20. Line-art scan and embroidery
21. Drawing or JPEG scan and embroidery
22. 60 closed shapes
23. 30 open shapes
24. 10 decorative fill patterns
25. 5 line styles
26. Scan and stipple / decorative fills
27. Trapunto-like effects
28. Recognize embroidery outline from embroidery mode and save up to shapes
29. Combine creations with pre-digitized and build-in designs and fonts
30. Stitch setting attributes
31. Customize lines and regions individually
32. Object size and degree information displayed
33. See scan image and stipple / decorative fill in preview mode
34. Up to 800% zoom in edit window

My Embroidery Features

35. InnovaChrome™ LED Thread Color & Monitoring System
36. Large 14" x 8" embroidery area
37. Embroider up to 1,000 stitches per minute

38. 699 total built-in embroidery designs
39. 8 monograms
40. 140 frame pattern combinations
41. 37 built-in fonts: 31 Alphabets, 1 Super Small Font, 2 Cyrillic, 3 Japanese
42. Manual thread tension
43. Thread sensors for upper and lower threads
44. Short stitch deletion setting
45. Thread tail length setting
46. Thread wiper
47. Jump stitch thread trimming
48. Thread trim setting key
49. Automatic thread cutter
50. Curving text
51. Space reduction among embroidery alphabets
52. Automatic color sorting on border function
53. Embroidery background color adjusting feature
54. Embroidery frame display
55. Embroidery thread palettes
56. Built-in alignment function for designs and borders
57. Trial position
58. Pattern rotation in 0.1 ,1 ,10 , or 90 degree increments
59. Embroidery drag & drop
60. On-screen handle for resizing & rotation
61. Up to 200% zoom in edit window
62. Design combination
63. Embroidery basting function
64. Flip design horizontally
65. On-screen auto density adjustment from 60% to 200% of original design
66. Color Shuffling® 2 Function
67. Virtual Design Preview™
68. High background camera scanning
69. Camera scanning in two different speed modes
70. InnovEye® 2 Technology and Snowman® Embroidery Positioning Marker for precise positioning
71. Snowman® Embroidery Positioning Marker offers options for alignment
72. Embroidery design connect by InnovEye® 2 Technology
73. InnovEye® 2 Technology preview rotation angle guideline
74. Insert letter at midpoint of text line
75. Input second line of text
76. Align Left, Center and Right
77. Grouping after line break
78. Edit single letter
79. Edit full line of text
80. Divide line of text
81. Combine lines of text
82. 3 thumbnail sizes (L-M-S)
83. Advanced multiple design selection

- 84. Grouping of letters and designs
- 85. Direct touch button for color change
- 86. Monochrome embroidery for single color embellishment
- 87. Resume function
- 88. Built-in appliqué creator
- 89. Create multiple appliqués in one hoop
- 90. Color Sort feature
- 91. Pause setting
- 92. Easier operation flow
- 93. Bigger start / finish point setting area
- 94. Direct touch button for embroidery order
- 95. Smart Stitch Management indication bar
- 96. Smart Stitch Management – forward/backward up to 1,000 stitches
- 97. Smart Stitch Management – direct key entry
- 98. Caution when pressing the default color button
- 99. Stitch simulator
- 100. Manual color sequence
- 101. Temporary needle bar setting
- 102. Individual needle attribute setting – maximum speed
- 103. Individual needle attribute setting – color anchor
- 104. Individual needle attribute setting – needle threader
- 105. Shortcut button to needle attribute setting
- 106. Automatic frame detection
- 107. Key to move needle bar to needle

Sewing Features

- 108. Large 10.1" built-in HD LCD display – 45% larger than prior multi-needle displays
- 109. More than 16 million possible colors with no color shifting on LCD
- 110. Embroidery design selection scroll bar for easier navigation
- 111. MPEG4 replay function
- 112. Adjustable display brightness for easy editing
- 113. Realistic preview of selected embroidery patterns
- 114. Faster on-screen design rendering
- 115. Personalized screensaver functionality
- 116. 22 built-in instructional videos

LCD Display Features

- 117. Large 10.1" built-in HD LCD display – 45% larger than prior multi-needle displays
- 118. More than 16 million possible colors with no color shifting on LCD
- 119. Embroidery design selection scroll bar for easier navigation
- 120. MPEG4 replay function
- 121. Adjustable display brightness for easy editing
- 122. Realistic preview of selected embroidery patterns

- 123. Faster on-screen design rendering
- 124. Personalized screensaver functionality
- 125. 22 built-in instructional videos

Software Features

- 126. SD Card Compatibility
- 127. 2 high-speed 2.0 ports for design transfer
- 128. 1 port for computer connectivity and built-in designs and fonts future upgrades
- 129. Customizable USB mouse pointer functions for an optional mouse
- 130. Optional external USB embroidery card reader
- 131. Easy-to-use screen layout
- 132. Adjustable sound in 5 levels
- 133. Larger internal memory capacity for embroidery and sewing stitches
- 134. Built-in languages
- 135. High power CPU
- 136. Screen lock
- 137. Time and date key
- 138. Eco mode
- 139. Shut-off supporting mode

Accessory Features

- 140. Includes BES®4 Dream Edition Software & BES Wireless Upgrade Kit
- 141. Includes extra-large wide table
- 142. Includes 4 sizes of embroidery frames: 8" X 14" extra-large, 5" x 7" large, 4"x 4" medium, 1.5" x 2" small
- 143. Accessory case with accessories
- 144. New optional Clamp Frame M-4"x 4"
- 145. New optional Sleeve Frame - 3"x 8"
- 146. New optional Compact Frame Set -1.25 x 1.75", 2"x 2", 1.3" x 3", 3" x 1.3"
- 147. Optional Cap Frame Kit - 5" x 2.4"
- 148. Optional Wide Cap Frame Kit - 14" x 2.4"