

SWF / SB - W H 12 15 - 75

|               |               |
|---------------|---------------|
| Series        | Y-Stroke      |
| M/C Type      | No. of Heads  |
| Head Interval | No. of Colors |

| Specifications            |      |   |
|---------------------------|------|---|
| Speed                     |      | Max. 1,200 rpm  |
| Stitching Length          |      | 0.1 ~ 12.7 mm   |
| Motor                     | Main | Servo Motor x 1                                       |
|                           | X-Y  | Servo Motor x 2                                       |
| Electricity               |      | 1-Phase 200V, 220V, 240V [50/60Hz]                    |
|                           |      | 3-Phase 200V, 220V, 240V, 350V, 380V, 415V [50/60Hz]  |
| Power Consumption         |      | 2.7 kW  |
| Bobbin Winder             |      | Standard  |
| Upper Thread Holding Unit |      | Standard  |
| Lubrication System        |      | Auto Lubrication System                               |
| Operation Box             |      | Standard : Color LCD Screen                           |
| Hook                      |      | Option : Large Hook                                   |
| Memory Capacity           |      | Standard : 4,000,000 stitches                         |
| Memory Media              |      | USB Memory Stick                                      |
| Safety Device             |      | Standard : Emergency Stop, Error Code Message         |
| Optional Device           |      | SQ30/SQ31D, SQ31B, SQ35, SQ41i, ZD20, Cording, Boring |

| Division of Model |                    |       |      |               |                 | Emb. Space [mm]    |               | Machine Size [mm] |       |        |
|-------------------|--------------------|-------|------|---------------|-----------------|--------------------|---------------|-------------------|-------|--------|
| Model             | Head Interval [mm] | Color | Head | Y-Stroke [mm] | Alternative     | Each Head          | All Head      | Length            | Width | Height |
| SB-WA(X)636-120   | 200[400]           | 6     | 36   | 1,200         | alternative     | 200[400] x 1,200   | 7,200 x 1,200 | 8,637             | 2,858 | 1,642  |
| SB-WB(X)630-100   | 240[480]           | 6     | 30   | 1,000         | alternative     | 240[480] x 1,000   | 7,200 x 1,000 | 8,667             | 2,508 | 1,642  |
| SB-WB(X)630-150   | 240[480]           | 6     | 30   | 1,500         | alternative     | 240[480] x 1,500   | 7,200 x 1,500 | 8,717             | 3,458 | 1,642  |
| SB-WB(X)930-120   | 240[480]           | 9     | 30   | 1,200         | alternative     | 240[480] x 1,200   | 7,200 x 1,200 | 8,717             | 2,858 | 1,642  |
| SB-WC(X)922-100   | 275[550]           | 9     | 22   | 1,000         | alternative     | 275[550] x 1,000   | 6,050 x 1,000 | 7,587             | 2,508 | 1,642  |
| SB-WD920-55       | 300                | 9     | 20   | 550           | non alternative | 300 x 550          | 6,000 x 550   | 7,275             | 1,545 | 1,642  |
| SB-WD920-100      | 300                | 9     | 20   | 1,000         | non alternative | 300 x 1,000        | 6,000 x 1,000 | 7,287             | 2,508 | 1,642  |
| SB-WD922-120      | 300                | 9     | 22   | 1,200         | non alternative | 300 x 1,200        | 6,600 x 1,200 | 7,937             | 2,858 | 1,642  |
| SB-WD(X)920-75    | 300[600]           | 9     | 20   | 750           | alternative     | 300[600] x 750     | 6,000 x 750   | 7,587             | 1,968 | 1,642  |
| SB-WD(X)920-100   | 300[600]           | 9     | 20   | 1,000         | alternative     | 300[600] x 1,000   | 6,000 x 1,000 | 7,587             | 2,508 | 1,642  |
| SB-WD(X)920-120   | 300[600]           | 9     | 20   | 1,200         | alternative     | 300[600] x 1,200   | 6,000 x 1,200 | 7,637             | 2,858 | 1,642  |
| SB-WD(X)922-100   | 300[600]           | 9     | 22   | 1,000         | alternative     | 300[600] x 1,000   | 6,600 x 1,000 | 8,187             | 2,508 | 1,642  |
| SB-WE920-55       | 330                | 9     | 20   | 550           | non alternative | 330 x 550          | 6,600 x 550   | 7,905             | 1,545 | 1,642  |
| SB-WE(BX)915-130  | 330[660]           | 9     | 15   | 1,300         | alternative     | 330[660] x 1,300   | 4,950 x 1,300 | 6,970             | 3,058 | 1,642  |
| SB-WE(BX)920-130  | 330[660]           | 9     | 20   | 1,300         | alternative     | 330[660] x 1,300   | 6,600 x 1,300 | 8,620             | 3,058 | 1,642  |
| SB-WE(X)920-120   | 330[660]           | 9     | 20   | 1,200         | alternative     | 330[660] x 1,200   | 6,600 x 1,200 | 8,297             | 2,858 | 1,642  |
| SB-WH618-85       | 400                | 6     | 18   | 850           | non alternative | 400 x 850          | 7,200 x 850   | 8,587             | 2,168 | 1,642  |
| SB-WH618J-85      | 400                | 6     | 18   | 850           | non alternative | 400 x 850          | 7,200 x 850   | 8,587             | 2,168 | 1,642  |
| SB-WH918-120      | 400                | 9     | 18   | 1,200         | non alternative | 400 x 1,200        | 7,200 x 1,200 | 8,637             | 2,858 | 1,642  |
| SB-WH(BX)913-130  | 400[800]           | 9     | 13   | 1,300         | alternative     | 400[800] x 1,300   | 5,200 x 1,300 | 7,430             | 3,058 | 1,642  |
| SB-WH(BX)915-130  | 400[800]           | 9     | 15   | 1,300         | alternative     | 400[800] x 1,300   | 6,000 x 1,300 | 8,230             | 3,058 | 1,642  |
| SB-WH(X)918-120   | 400[800]           | 9     | 18   | 1,200         | alternative     | 400[800] x 1,200   | 7,200 x 1,200 | 9,030             | 2,858 | 1,642  |
| SB-WH(BX)918-130  | 400[800]           | 9     | 18   | 1,300         | alternative     | 400[800] x 1,300   | 7,200 x 1,300 | 9,430             | 3,058 | 1,642  |
| SB-WH(BX)1218-130 | 400[800]           | 12    | 18   | 1,300         | alternative     | 400[800] x 1,300   | 7,200 x 1,300 | 9,430             | 3,058 | 1,642  |
| SB-WH1215-75      | 400                | 12    | 15   | 750           | non alternative | 400 x 750          | 6,000 x 750   | 7,387             | 1,968 | 1,642  |
| SB-WH1215-100     | 400                | 12    | 15   | 1,000         | non alternative | 400 x 1,000        | 6,000 x 1,000 | 7,387             | 2,508 | 1,642  |
| SB-WK1215-100     | 500                | 12    | 15   | 1,000         | non alternative | 500 x 1,000        | 7,500 x 1,000 | 8,980             | 2,508 | 1,642  |
| SB-WM(X)912-120   | 600[1,200]         | 9     | 12   | 1,200         | alternative     | 600[1,200] x 1,200 | 7,200 x 1,200 | 9,434             | 2,858 | 1,642  |
| SB-WM(X)912-150   | 600[1,200]         | 9     | 12   | 1,500         | alternative     | 600[1,200] x 1,500 | 7,200 x 1,500 | 9,437             | 3,458 | 1,642  |

We can make some modification for improvements without previous notice.



# SB<sup>Plus</sup> SERIES

Upgrade SB series, multi-heads automatic embroidery machines

The Revolutionary technology  
for tremendous profit with **SWF**



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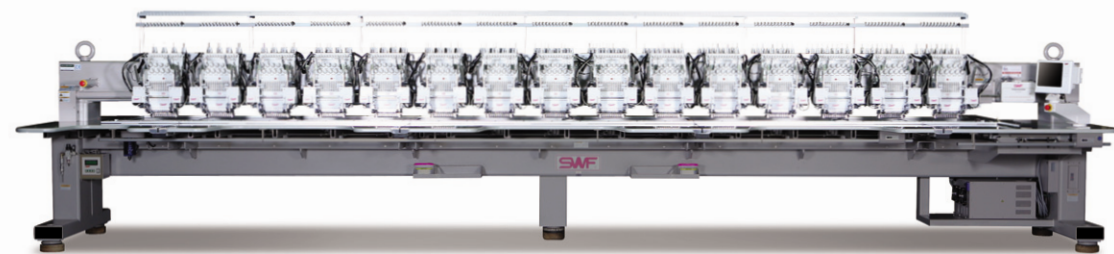


## Main Features



## The Revolutionary Technology for tremendous profit with SWF

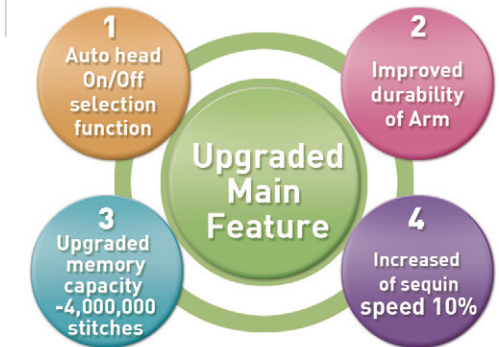
- 01<sup>l</sup> More convenient working-condition  
— Increased distance between working plate and presser foot
- 02<sup>l</sup> Stable controller
- 03<sup>l</sup> High productivity on the basis of high speed - Improved lubrication system



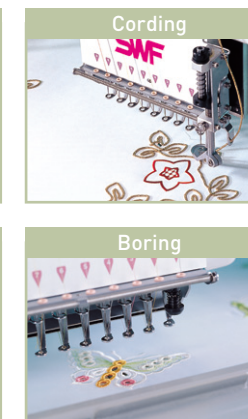
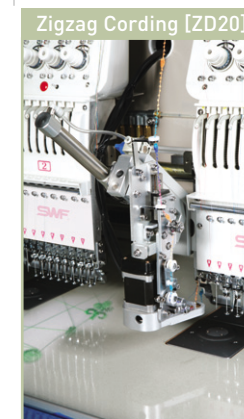
▲ model : SB-WH1215-75

## Operation

- Expanded memory size
- Mirror image conversion and design direction
- Enlarging and reducing design
- General / Special repetition work
- Automatic / Manual offset
- Return to start point
- Float stitch function
- Frame backward
- Automatic return to stop point in unexpected blackout
- Editing function
- Individual head operation

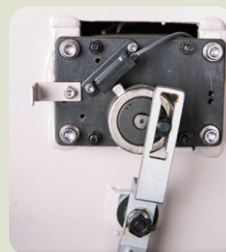


## Optional Device



## Factory Option

## Technology



### UPPER THREAD CATCHER

- 1) Geared motor enables simultaneous operation of all heads, ensuring accurate timing.
- 2) Minimized motor noise for smooth & stable operation
- 3) Upper thread holder on each head can be individually turned on.



### ANTI-VIBRATION FUNCTION

- 1) All types of machines are equipped with anti-vibration gear.
- 2) Enhanced safety enables high-quality embroidery work.



### X-Y DRIVE

- 1) AC servo motor for X-Y drive : super precision control



### UPPER THREAD HOLDING SYSTEM

- 1) Prevent unthreading in the heads stopped during embroidery.
- 2) Higher productivity



### OPERATION BOX

- 1) Applied with new operation box of slim design and upgrade key type
- 2) Improvement of CPU processor
- 3) Improved function for input and out put of designs through USB mass storage device
- 4) Support LAN and CAN network
- 5) Applied On-Board system to which memory card is included on CPU card.
- 6) Applied unification I/O board
- 7) Simple and convenient wiring for improvement of service and maintenance



### LUBRICATION SYSTEM

- 1) Automatic greasing of arm and bed at pre-set number of stitches
- 2) Manual greasing of arm and bed by user
- 3) Junction valve for adequate level of greasing for selected places



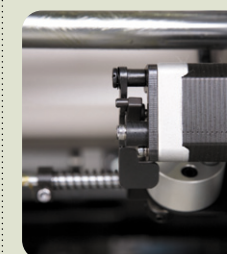
### THREAD TENSION UNIT

- 1) New plate structure and thread way
- 2) Reduced load on thread compared to old version
- 3) Stable thread flow and smooth thread way



### FRAME

- 1) Light and stronger frame ensures higher quality embroidery.



### JUMP

- 1) The light but strong frame secures the high quality of embroidery.



### CONTROL BOX

- 1) Applied with Control Box of improved stabilization of power system and convenience of maintenance
- 2) Easy connection of Main power input wiring and simplification of output power
- 3) Equipped with high-capacity Noise Filter and Surge Protector for controller protection and safety stabilization
- 4) X-Y Driver is included in Control Box for High efficiency of signal forwarding and convenience of maintenance
- 5) Simplification of DC voltage supply
- 6) Trim Driver is included on Joint Board.
- 7) Applied with Lock Type Connector for convenience of maintenance and reduction of trouble
- 8) Increased reliability of improved new ventilation