

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		Standard Hook, Option : Large Hook (Factory option)
Memory Capacity		Standard : 4,000,000 stitches * Possible to change by additional functions
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^{Plus} SERIES

Upgrade SB series, multi-heads automatic embroidery machines

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



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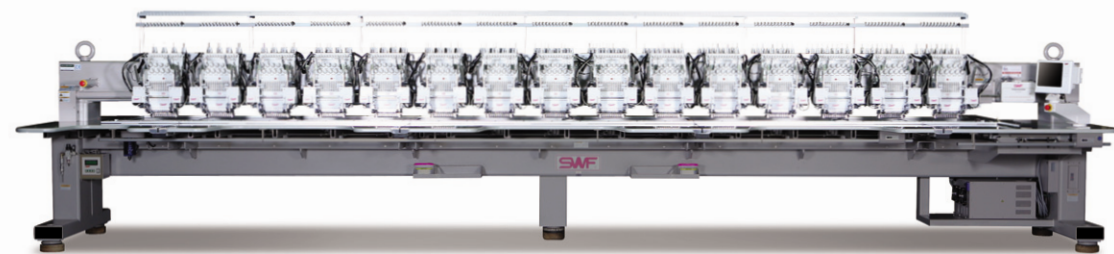


Main Features



The Revolutionary Technology for tremendous profit with SWF

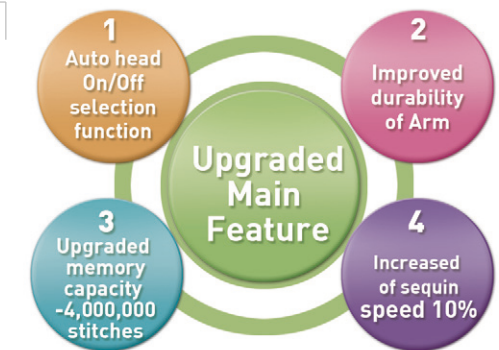
- 01^l More convenient working-condition
— Increased distance between working plate and presser foot
- 02^l Stable controller
- 03^l High productivity on the basis of high speed - Improved lubrication system



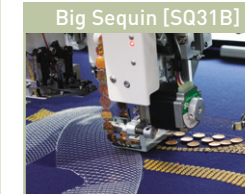
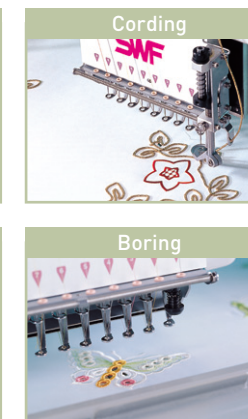
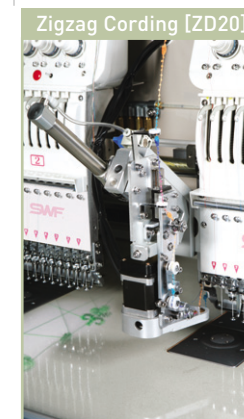
▲ model : SB-WH1215-75

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



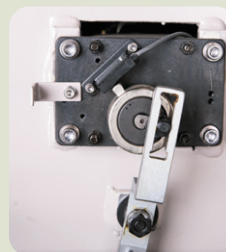
Optional Device



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 output 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



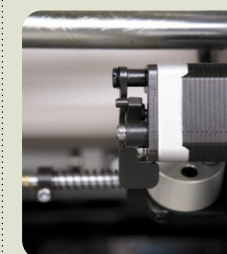
THREAD TENSION UNIT

- 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