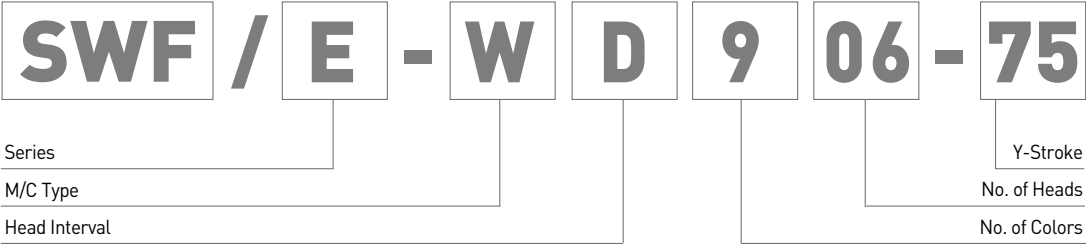


E SMALL SERIES

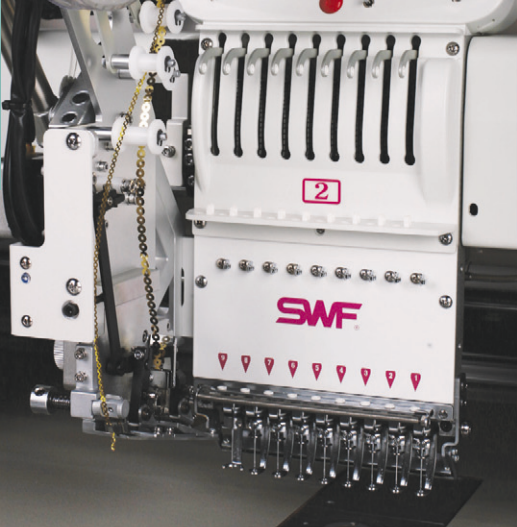
Small-heads automatic embroidery machines



Division of Model										
Model	Head Interval [mm]	Color	Head	Y-Stroke [mm]	Alternative	Emb. Space [mm]		Machine Size [mm]		
						Each Head	All Head	Length	Width	Height
E-WD904-55	300	9	4	550	non alternative	300 x 550	1,200 x 550	2,292	1,530.5	1,494
E-WD904-75	300	9	4	750	non alternative	300 x 750	1,200 x 750	2,292	1,930.5	1,494
E-WD904-100	300	9	4	1,000	non alternative	300 x 1,000	1,200 x 1,000	2,292	2,462	1,494
E-WD906-55	300	9	6	550	non alternative	300 x 550	1,800 x 550	2,892	1,530.5	1,494
E-WD906-65	300	9	6	650	non alternative	300 x 650	1,800 x 650	2,892	1,730.5	1,494
E-WD906-75	300	9	6	750	non alternative	300 x 750	1,800 x 750	2,892	1,930.5	1,494
E-WE904-120	330	9	4	1,200	non alternative	330 x 1,200	1,320 x 1,200	2,442	2,862	1,494
E-WE1204-55	330	12	4	550	non alternative	330 x 550	1,320 x 550	2,442	1,530.5	1,494
E-WE1204-65	330	12	4	650	non alternative	330 x 650	1,320 x 650	2,442	1,730.5	1,494
E-WE1204-75	330	12	4	750	non alternative	330 x 750	1,320 x 750	2,442	1,930.5	1,494
E-WE1204-120	330	12	4	1,200	non alternative	330 x 1,200	1,320 x 1,200	2,442	2,862	1,494
E-WE1206-55	330	12	6	550	non alternative	330 x 550	1,980 x 550	3,102	1,530.5	1,494
E-WE1206-65	330	12	6	650	non alternative	330 x 650	1,980 x 650	3,102	1,730.5	1,494
E-WE1206-75	330	12	6	750	non alternative	330 x 750	1,980 x 750	3,102	1,930.5	1,494
E-WE(X)904-120	330[660]	9	4	1,200	alternative	330[660] x 1,200	1,320 x 1,200	3,102	2,862	1,494
E-WH904-75	400	9	4	750	non alternative	400 x 750	1,600 x 750	2,780	1,922	1,494
E-WH1204-75	400	12	4	750	non alternative	400 x 750	1,600 x 750	2,792	1,930.5	1,494
E-WH1206-75	400	12	6	750	non alternative	400 x 750	2,400 x 750	3,592	1,930.5	1,494
E-WJ906-75	450	9	6	750	non alternative	450 x 750	2,700 x 750	3,942	1,930.5	1,494
E-WJ906-100	450	9	6	1,000	non alternative	450 x 1,000	2,700 x 1,000	3,942	2,462	1,494
E-WJ906-120	450	9	6	1,200	non alternative	450 x 1,200	2,700 x 1,200	3,942	2,862	1,494
E-WJ(X)906-120	450[900]	9	6	1,200	alternative	450[900] x 1,200	2,700 x 1,200	4,442	2,862	1,494
E-WJ(X)1206-100	450[900]	12	6	1,000	alternative	450[900] x 1,000	2,700 x 1,000	4,442	2,462	1,494
E-WK904-55	500	9	4	550	non alternative	500 x 550	2,000 x 550	3,292	1,530.5	1,494
E-WK906-55	500	9	6	550	non alternative	500 x 550	3,000 x 550	4,292	1,530.5	1,494
E-WK1204-55	500	12	4	550	non alternative	500 x 550	2,000 x 550	3,292	1,530.5	1,494

Specifications		
Speed		Max. 1,000 rpm
Stitching Length		0.1 ~ 12.7 mm
Motor	Main	Servo Motor x 1
	X-Y	Pulse Motor x 2
Electricity		1-Phase 100V, 110V, 120V, 200V, 220V, 240V [50/60Hz]
Power Consumption		900 W
Bobbin Winder		Standard
Operation Box		Standard : Color LCD Screen
Hook		Standard 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, SQ35, ZD20, Cording, Boring

All information is based on data available at the time of publication and subject to change without previous notice.



E SMALL SERIES

Small-heads automatic embroidery machines

Pure Innovation!



SUNSTAR CO., LTD.
Head office #178-67, GAJWA-DONG, SEO-GU, INCHEON, KOREA
tel +82[0]32 580 5980~93 fax +82[0]32 579 8350-51 www.sunstar.co.kr



For W24H service
www.swf-service.com

Bring Innovation into Your Business

Bulk Production - Continuous Use

The range of SWF flat bed embroidery machines give you bulk production at affordable prices.

Operation

01 | Expanded Memory Size

The machine can store a maximum of 100 design. The basic memory size is 2 million stitch.

02 | Mirror Image Conversion and Design Direction

You can turn the from 0° to 359° in the increments of 1° and also reverse the design in the X direction(mirror image).

03 | Enlarging and Reduction Design

You can reduce or enlarge the embroidery design in size from 50% to 200% by 1% along the X and Y axis.

04 | Automatic Selection of Needle Bar

You can select the order of the needle bars up to the 99th.

05 | General Repetition Work

The same design can be repeated up to 99 times along the X and Y axis.

06 | Special Repetition Work

Several designs can be repeated up to 63 times at different angles and directions.

07 | Automatic Offset

The frame automatically returns to the offset point when the embroidery is finished to make it easier for you to switch the frames. You can select AUTOMATIC OFFSET at PARAMETER SELECT MODE to move the frame automatically to the desired point, making it easier to do appliques and to switch the frames.

08 | Return to Start Point

The frame can be moved back to the start point of the design during the embroidery work.

09 | Frame Backward

When the thread breaks or runs out of track, you can move the needle bar back to the starting point of the design in the units of one to ten stitches.

10 | Automatic Return to Stop Point in Unexpected Blackout

When the power fails unexpectedly, the frame moves back to the exact point where the stitching stopped. This helps reduce the number of defects.

11 | Manual Offset

You can manually move the frame to the pre-selected point to do appliques or change the frames during embroidery work. The frame can be moved back to its original place by simply pressing the right buttons.

12 | Float Stitch Function

The frame and the needle bar can move back and forth by the units of 1, 100, 1000, and 10000 stitches and by color without stitching.

13 | Individual Head Operation

You can work on the specific head with a broken thread.

14 | Editing Function

You can delete, change, or insert stitch data and function codes (jump, finish, trimming).



▲ model : E-WD906-55

Technology

FRAME

- 1) Utilises the same rigid frame structure as the SB series ensuring high quality

X-Y DRIVE

- 1) Pulse X Y Motors ensure accurate frame movement.
- 2) SWF Track Roller System ensures smoother movement and accurate embroidery.



THREAD WAY

- 1) Increased angle between spool and upper thread tension unit for increased thread support
- 2) Additional thread guide on front head plate minimises lateral movement of thread
- 3) Wear resistant ceramic eyelets used throughout the thread path



OPERATION BOX

- 1) Slim design and upgraded key system
- 2) Improved CPU processor
- 3) Improved input/output functions for USB mass storage device
- 4) Support for LAN and CAN network
- 5) On-board memory card system included on CPU card
- 6) Combined I/O board
- 7) Simple and convenient wiring system for easier service and maintenance



CONTROL BOX

- 1) Rack-type control box with convenient A/S
- 2) Convenient wire management and maintenance by applying CAN communication
- 3) Provides one board per module, convenient replacement
- 4) Compact-size
- 5) Standard DC voltage supply
- 6) Trim driver control included on joint board
- 7) Lock type connector makes for easier access and maintenance
- 8) Improved ventilation increases reliability