

# SINGLE SERIES

Single-head automatic embroidery machine

## Main Features

- High Speed - up to 1,200 rpm
- Expanded on-board memory
- Limitless storage via use of USB memory
- User friendly LCD screen
- Compact size yet large embroidery field

## Control Box

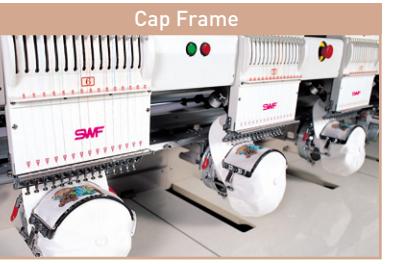
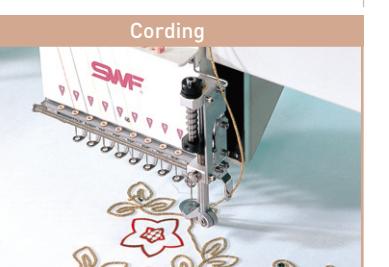
- For easy service by simple structure of rack type
- Free voltage-compact control box
- Backplane board not requiring complex cable work

## Operation Box

- 6.4 inch color LCD screen
- Clean screen composition(High resolution)
- USB slave port added for PC connection
- LAN port added for network



## Optional Device



## Optional Device (Factory Option)



## • Motor Lifting Sequin Device

- With motor lifting sequin device, no further air compressor are necessary!
- By using electric power only, simplify the work process.

**SWF / E - T 15 01**

Series  
M/C Type

No. of Heads

No. of Colors

Embroidering Range [X x Y]mm	Normal			520 x 360 360 x 75 180 x 83 412 x 357 1,191 x 1,113 x 1,408
	Inner Space	Wide Cap Frame	Semi-wide Cap Frame	
<b>Machine Size[L x W x H]mm</b>				
Speed	Max. 1,200 rpm	Operation Box	Standard : Color LCD Screen	
Stitching Length	0.1 ~ 12.7 mm	Hook	Standard Hook	
Motor	Main BLDC Motor x 1	Memory Capacity	Standard 4,000,000 stitches *Possible to change by additional functions	
	X-Y Pulse Motor x 2	Memory Media	USB Memory Stick	
Electricity	1-Phase Free Voltage[100 ~ 240V] / [50/60Hz]	Safety Device	Standard : Emergency Stop, Error Code Message	
Power Consumption	500 W	Optional Device	SQ30/SQ31D, SQ35, Boring, Cording Cap Frame[Semi/Wide]	
Bobbin Winder	Standard			
Upper Thread Holding Unit	Option			

**SWF / E - U 12 01**

Series  
M/C Type

No. of Heads

No. of Colors

Embroidering Range [X x Y]mm	Normal			520 x 450 360 x 75 180 x 83 419 x 439 1,385 x 725 x 1,609
	Inner Space	Wide Cap Frame	Semi-wide Cap Frame	
<b>Machine Size[L x W x H]mm</b>				
Speed	Max. 1,200 rpm	Lubrication System	Semi-auto Lubrication System	
Stitching Length	0.1 ~ 12.7 mm	Operation Box	Standard : Color LCD Screen	
Motor	Main Servo Motor x 1	Hook	Standard Hook	
	X-Y Pulse Motor x 2	Memory Capacity	Standard 4,000,000 stitches *Possible to change by additional functions	
Electricity	1-Phase Free Voltage[100 ~ 240V] / [50/60Hz]	Memory Media	USB Memory Stick	
Power Consumption	500 W	Safety Device	Standard : Emergency Stop, Error Code Message	
Bobbin Winder	Standard	Optional Device	SQ30/SQ31D, SQ35, Boring, Cording Cap Frame[Semi/Wide]	
Upper Thread Holding Unit	Option			

**SWF / E - T 12 01 C**

Series  
M/C Type

No. of Heads

No. of Colors

Embroidering Range [X x Y]mm	Normal			460 x 300 360 x 75 180 x 83 412 x 270 730.3 x 727.2 x 853.8 730.3 x 727.2 x 1540.8
	Inner Space	Wide Cap Frame	Semi-wide Cap Frame	
<b>Machine Size[L x W x H]mm</b>				
Machine Size[L x W x H]mm (Table Stand)		Operation Box	Standard : Color LCD Screen	
Speed	Max. 1,200 rpm	Hook	Standard Hook	
Stitching Length	0.1 ~ 12.7 mm	Memory Capacity	Standard 4,000,000 stitches *Possible to change by additional functions	
Motor	Main BLDC Motor x 1	Memory Media	USB Memory Stick	
	X-Y Pulse Motor x 2	Safety Device	Standard : Emergency Stop, Error Code Message	
Electricity	1-Phase Free Voltage[100 ~ 240V] / [50/60Hz]	Optional Device	Boring, Cap Frame[Semi/Wide]	
Power Consumption	500 W			
Bobbin Winder	Standard			

## Division of Model

Model	Color	Head	Emb. Space[mm]			Machine Size[mm]
			Normal	Tubular	Wide Cap Frame	
E-T1201	12	1	520 x 360	412 x 357	360 x 75	180 x 83 1,191 1,113 1,408
E-T1501	15	1	520 x 360	412 x 357	360 x 75	180 x 83 1,191 1,113 1,408
E-U1201	12	1	520 x 450	419 x 439	360 x 75	180 x 83 1,385 725 1,609
E-U1501	15	1	520 x 450	419 x 439	360 x 75	180 x 83 1,385 725 1,609
E-T901C	9	1	460 x 300	412 x 270	360 x 75	180 x 83 730.3 727.2 1540.8
E-T1201C	12	1	460 x 300	412 x 270	360 x 75	180 x 83 730.3 727.2 1540.8
E-T1501C	15	1	460 x 300	412 x 270	360 x 75	180 x 83 730.3 727.2 1540.8
E-T901CS	9	1	460 x 300	412 x 270	360 x 75	180 x 83 730.3 727.2 1540.8
E-T1201CS	12	1	460 x 300	412 x 270	360 x 75	180 x 83 730.3 727.2 1540.8
E-T1501CS	15	1	460 x 300	412 x 270	360 x 75	180 x 83 730.3 727.2 1540.8

We can make some modifications for improvement without previous notice.

02-EN-120502



# SINGLE SERIES

Single-head automatic embroidery machine



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For W24H service  
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## SINGLE SERIES

## BRIDGE TYPE

## COMPACT TYPE

Single-head automatic embroidery machine

### Wise Selection of embroidery machine

01 | Single series can make what you hope to get from most of the embroidery machines. From normal to cap embroidery, you can easily stitch your design with SWF single series.



▲ model:SWF/E-T1501



▲ model:SWF/E-U1201

02 | A SWF single head machine is ideal for both start up and established embroiderers



### Efficient and Compact Machine

SWF's compact type single-head machine supplying more efficient and compact embroidery work is perfectly suitable for those running a small shop.



▲ model:SWF/E-T1201C



#### Technology

##### • Single Series



##### FRAME WORK

- 1) Tubular frame work:  
→ Max. 412mm(X) X 357mm(Y)
- 2) Border frame work:  
→ Max. 520 mm(X) x 360 mm(Y)



##### THREAD TENSION ADJUSTING PLATE

- 1) Thread tension adjusting plate of the Dual 1x1 embroidery machine implements smooth thread way



##### BED

- 1) Small-head tubular type (Cylindrical Frame mountable)



##### SPPOOL

- 1) Implementation of stable thread way by tilting the spool plate at 10°



##### MATERIAL PROCESSING

- 1) Adoption of specially processed materials and ultra precision machining allows the major mechanism such as implementation of semi-permanent precision of embroidery by adopting stepping motor and LM guide.

##### • Single Series (Bridge Type)



##### Y-STROKE

- 1) Max available space is 450mm, which is broader than existing arm type single-head M/C.



##### THREAD TENSION ADJUSTING PLATE

- 1) Thread tension adjusting plate of the Dual 1x1 embroidery machine implements smooth thread way.



##### FRAME WORK

- 1) Tubular Frame  
→ Max. 419mm(X) X 439 mm(Y)
- 2) Border Frame  
→ Max. 520mm(X) X 450 mm(Y)



##### MATERIAL PROCESSING

- 1) Adoption of specially processed materials and ultra precision machining allows the major mechanism such as implementation of semi-permanent precision of embroidery by adopting stepping motor and LM guide.



##### UPPER THREAD HOLDING SYSTEM (OPTION)

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



##### SPPOOL

- 1) Implementation of stable thread way by tilting the spool plate at 10°

##### • Single Series (Compact Type)



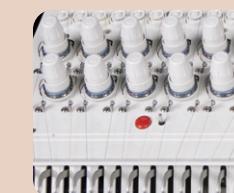
##### FRAME WORK

- 1). Tubular frame work:  
→ Max. 412mm(X) X 270mm(Y)
- 2) Border frame work:  
→ Max. 460 mm(X) x 300 mm(Y)



##### SPPOOL

- 1) Implementation of stable thread way by tilting the spool plate at 10°



##### THREAD TENSION ADJUSTING PLATE

- 1) Thread tension adjusting plate of the Dual 1x1 embroidery machine implements smooth thread way.



##### MATERIAL PROCESSING

- 1) Adoption of specially processed materials and ultra precision machining allows the major mechanism such as implementation of semi-permanent precision of embroidery by adopting stepping motor and LM guide.