

# SINGLE SERIES

Single-head automatic embroidery machine



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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

### 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

### Control Box

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



## SWF / E - T 15 01

Series M/C Type No. of Heads No. of Colors

Specifications		Normal		520 x 360
Embroidering Range [X x Y]mm	Inner Space	Wide Cap Frame		360 x 75
		Semi-wide Cap Frame		180 x 83
		Tubular Frame		412 x 357
Machine Size[L x W x H]mm				1,191 x 1,113 x 1,408
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	Max. 4,000,000 stitches
	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, ZD20, 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

Specifications		Normal		520 x 450
Embroidering Range [X x Y]mm	Inner Space	Wide Cap Frame		360 x 75
		Semi-wide Cap Frame		180 x 83
		Tubular Frame		419 x 439
Machine Size[L x W x H]mm				1,385 x 725 x 1,609
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	Max. 4,000,000 stitches
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, ZD20, 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

Specifications		Normal		460 x 300
Embroidering Range [X x Y]mm	Inner Space	Wide Cap Frame		360 x 75
		Semi-wide Cap Frame		180 x 83
		Tubular Frame		412 x 270
Machine Size[L x W x H]mm				730.3 x 727.2 x 853.8
Machine Size[L x W x H]mm [Table Stand]				730.3 x 727.2 x 1540.8
Speed	Max. 1,200 rpm	Upper Thread Holding Unit		Option
Stitching Length	0.1 ~ 12.7 mm	Operation Box		Standard : Color LCD Screen
Motor	Main	BLDC Motor x 1	Hook	Standard Hook
	X-Y	Pulse Motor x 2	Memory Capacity	Max. 4,000,000 stitches
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	Boring, Cap Frame(Semi/Wide)

### Division of Model

Model	Color	Head	Emb. Space[mm]				Machine Size[mm]		
			Normal	Tubular	Wide Cap Frame	Semi Cap Frame	Length	Width	Height
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-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.

### Optional Device



SQ30



SQ31D



Cording



Boring



Cap Frame



Zigzag Cording [ZD20]

### 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.



E-T1501CS



Wise selection of embroidery machine



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### 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



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



▲ model: SWF/E-U1201



### 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)



##### 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



##### SPOOL

- 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



##### BED

- 1) Small-head tubular type [Cylindrical Frame mountable]

#### ● 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



##### SPOOL

- 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)



##### 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



##### SPOOL

- 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.