SWF / UA - W E 9 20 - 55

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

Specifications

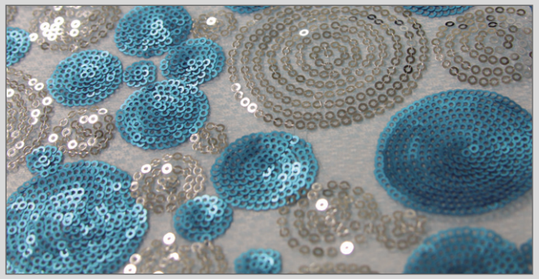
Speed		Max. 1,000 rpm
Stitching Length		0.1 ~ 12.7 mm
Motor	Main	Servo Motor x 1
	X-Y	Servo Motor x 2
Electricity		1-Phase 200V, 220V, 240V [50/60Hz]
		3-Phase 200V, 220V, 240V, 350V, 380V, 415V [50/60Hz]
Power Consumption		1.9 kW
Bobbin Winder		Standard
Upper Thread Holding Unit		Option
Lubrication System		Option : Auto Lubrication System
Operation Box		Standard : Color LCD Screen
Hook		Standard Hook
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, SQ35, SQ41i, ZD20, Cording, Boring

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
UA-WB(X)620-55	240[480]	6	20	550	alternative	240[480] x 550	4,800 x 550	6,260	1,558	1,642
UA-WC920-55	275	9	20	550	non alternative	275 x 550	5,500 x 550	6,755	1,558	1,642
UA-WD920-55	300	9	20	550	non alternative	300 x 550	6,000 x 550	7,280	1,558	1,642
UA-WD920-75	300	9	20	750	non alternative	300 x 750	6,000 x 750	7,287	1,959	1,642
UA-WE920-55	330	9	20	550	non alternative	330 x 550	6,600 x 550	7,960	1,558	1,642

We can make some modification for improvements without previous notice.

Sample Design





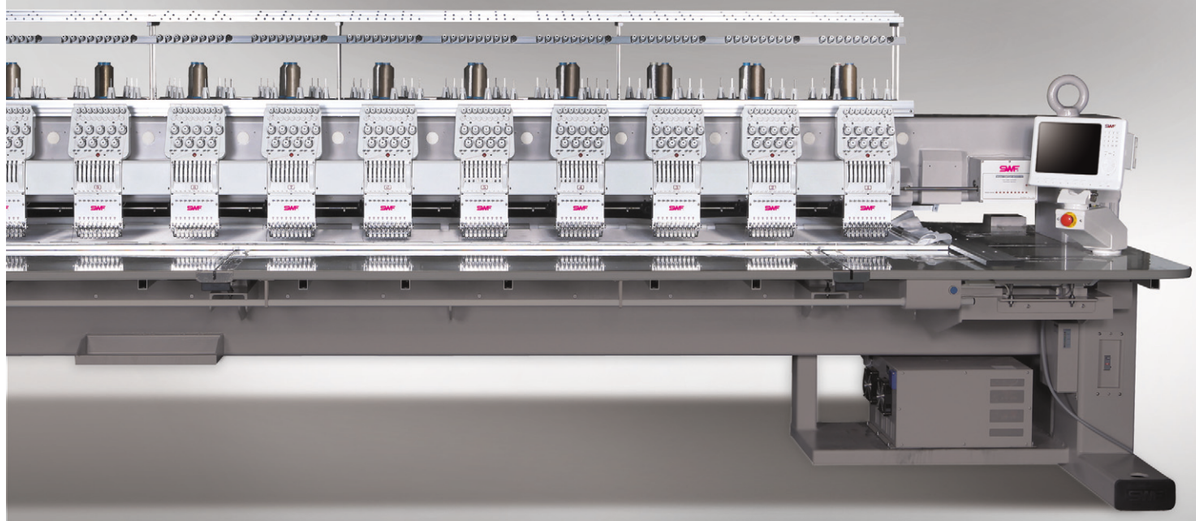



UA SERIES

For heavy fabric, multi-heads automatic embroidery machines

Optimization For Heavy Fabric

1000 RPM



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UA SERIES

For heavy fabric, multi-heads automatic embroidery machines

Main Features

1,000 RPM

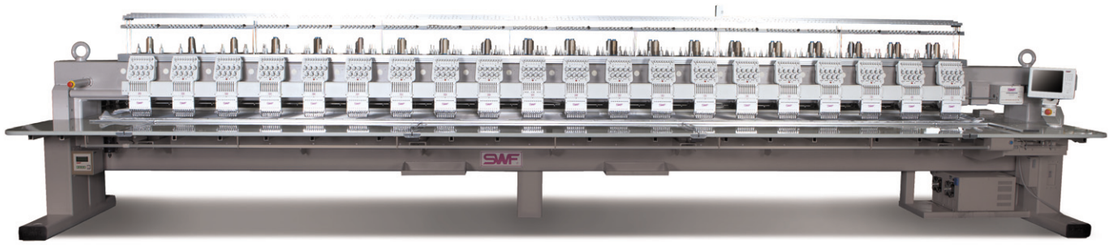
Optimization for **Heavy Fabric**

01 | **Stability of Cam Operation for Presser Foot**

02 | **Adopted XY Servo Motor of SB Series**

03 | **Improved function of Presser Foot**
(Prolonged pressing time)

04 | **Fortified Spring for Presser Foot**



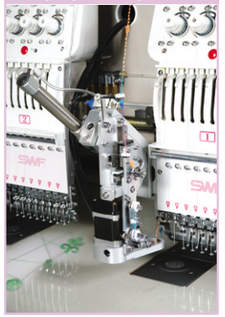
▲ model : UA-WE920-55

Operation

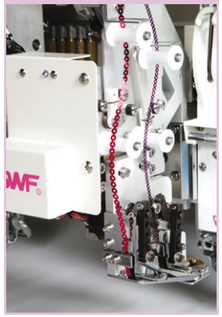
- Expanded memory size
- Mirror image conversion and design direction
- Enlarging and reducing design
- General / Special repetition work
- Automatic / Manual offset
- Return to start point
- Float stitch function
- Frame backward
- Automatic return to stop point in unexpected blackout
- Editing function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

Optional Device

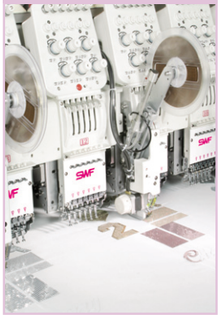
Zigzag Cording [ZD20]



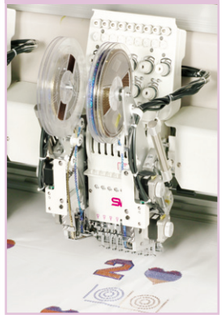
Individual Sequin [SQ41i]



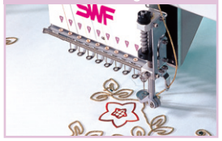
SQ30



SQ31D



Cording



Boring



Technology



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



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.



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) Applied On-Board System to which Memory Card is included on CPU Card
5) Simple and convenient wiring for improvement of service and maintenance
6) Support LAN and CAN network
7) Applied unification I/O Board



ANTI-VIBRATION FUNCTION (OPTION)

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



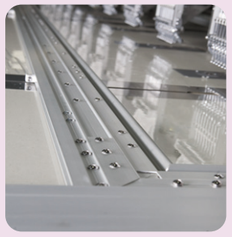
CONTROL BOX

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) Applied with Lock Type Connector for convenience of maintenance and reduction of trouble
6) Increased reliability of improved new ventilation
7) Simplification of DC voltage supply
8) Trim Driver is included on Joint Board.



UPPER THREAD HOLDING SYSTEM (OPTION)

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



FRAME

Light and stronger frame ensures higher quality embroidery.



X-Y DRIVER

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