

SWF / UA - W E 9 20 - 55

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

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 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
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-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.

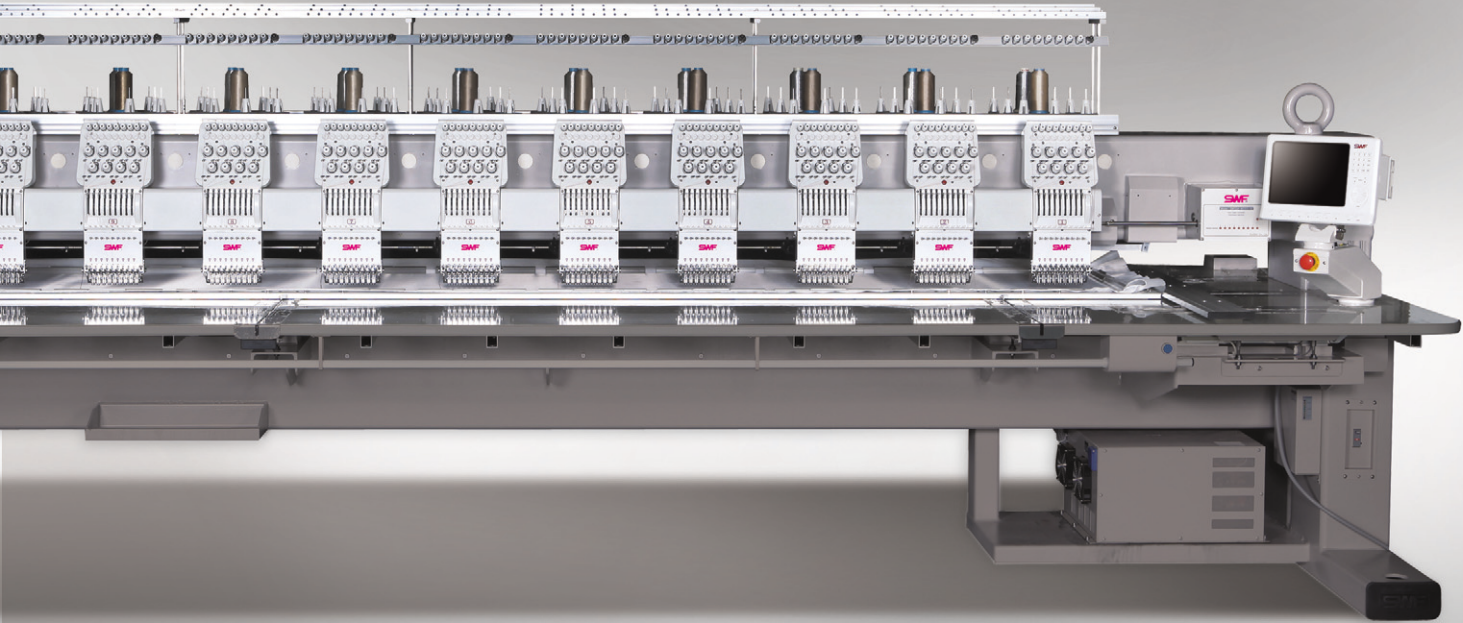
Sample Design



UA SERIES

For heavy fabric, multi-heads automatic embroidery machines

Optimization For Heavy Fabric
1000 RPM



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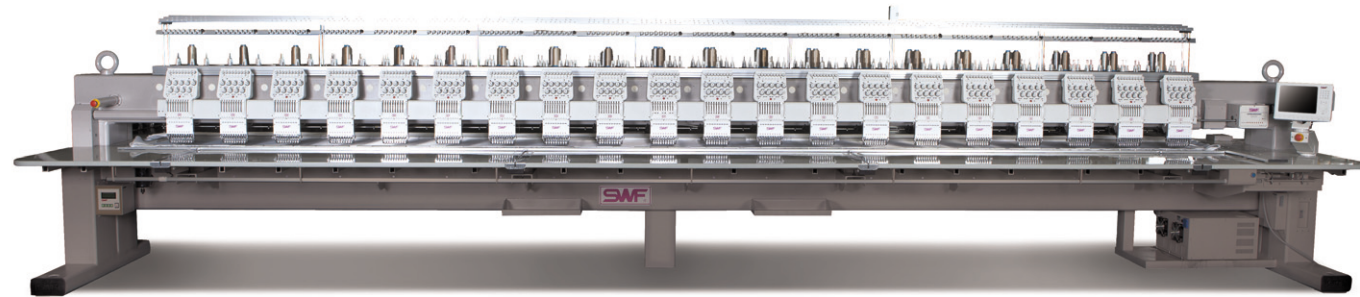


Main Features

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

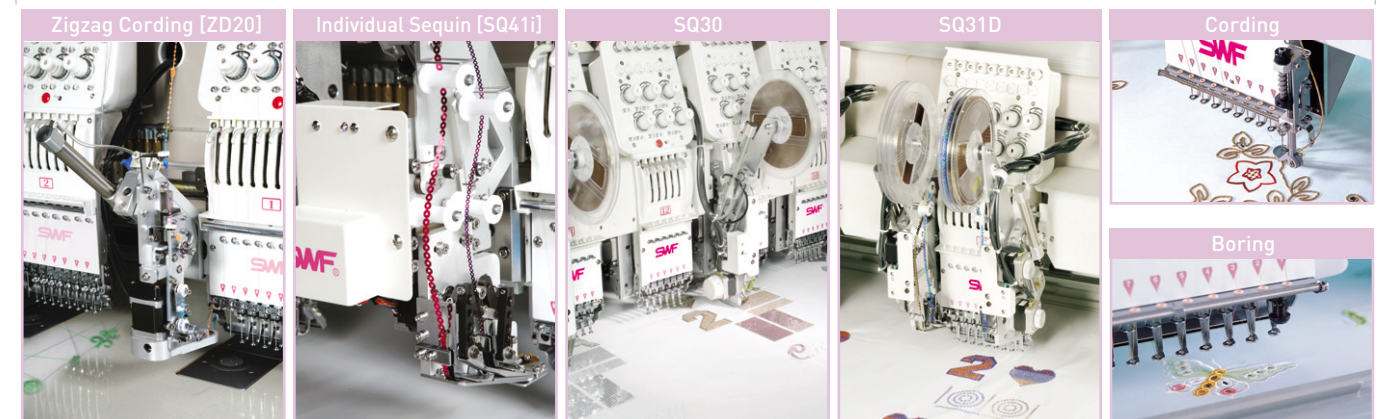


▲ model : UA-WE920-55

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

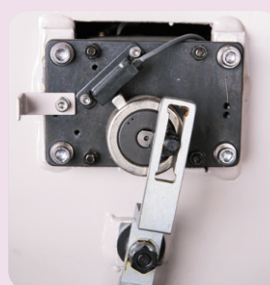


Technology



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