

Eye-friendly display, Easy operation

A color LCD panel provides operational convenience.

An easy to view color LCD panel and special use keys, along with the straight forward interface allow for improved operation. The job currently being embroidered on the machine is displayed on the screen in real time. <PAT>



- 6.5 inch Color LCD panel
- Runs on Windows® CE OS
- Standard memory of 2,000,000 stitches

Sleep mode function to conserve energy

The energy saving sleep mode function of a computer has been adapted to the operation panel. Holding down the sleep mode key puts the machine into sleep mode and pressing it once more cancels the function.

Unnecessary power consumption can be kept down without turning off the main power.



The sleep mode key will be lit red in sleep mode status

Selectable data input/output

Design data can be input and output using USB memory. Input/output with floppy disks is possible with the optional floppy disk drive.



Main Functions

Memory	2,000,000 stitches
Design Scale up/down	50%-100% (in units of 1%)
Rotate design	in units of 1°
Auto design repeat	X/Y 99 times each
Edit design	stitch by stitch
Frame back/forward	In units of 1, 3, 5 stitches, color change, designated stitch count.

Return to start position	Move the frame back to the design start position.
Automatic offset	Move the frame automatically to a position that is easy for changing appliqué or frames, at the end of embroidery.
Manual offset	Return the frame to where it was in case it was moved manually while embroidery operation was stopped.
Automatic design rotation on Cap frame	A data set design is automatically rotatable on a Cap frame by 180 degrees.

EMX

S I N G L E

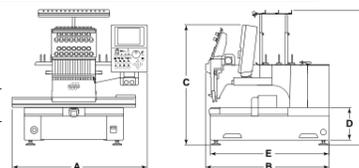
series

Specifications

Models	Needles			Emb. Space (D x W) mm						A	B	C	D	E	F
	9	12	15	Normal	Wide Cap Frame	Semi Wide Cap Frame	Tubular Frame	Cylindrical Frame							
								Clamp	Clip						
TEMX-C	○	○	○	360 x 500	75 x 360	83 x 180	360 x 500	170 x 60	100/75 x 140	830	750	760	196	720	820

[Example of model code] $\frac{TEMX-C15}{a} \frac{01}{b} \frac{c}{c}$ Contents of model code : a = Model name
b = Number of needles
c = Number of heads

Factory option	Sequin device IV, Zigzag cording device, Position marker, Beam sensor
Option	High speed cording device, Boring device(not applicable with cap frames), Emb. Lame attachment, Front table, Exclusive stand
Frames	Border frame(with an exclusive table), Wide Cap frame, Cylindrical frame, Auto clamp frame, Pocket frame
Stitch length	Ternary scale : 0.1~12.1mm, Binary scale : 0.1~12.7mm
Speed	Max. 1,200rpm
Motor	AC servo motor x 1, Pulse motor x 2
Electricity	Single-phase 100 - 120V, 200 - 240V 50Hz/60Hz
Power consumption	150W



*We reserve the right to change the specification for improvements without previous notice.

*Rotational speed may vary, depending on the applicable conditions, machine models or frame types.

*No design or registered trademark of the products contained in this catalog may be used without the prior permission.

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HIGH PERFORMANCE COMPACT EMBROIDERY MACHINE

TEMX-C SINGLE HEAD TYPE

The TEMX-C single head type combines the new and powerful functions, proven in our multi-head machines, into a compact body. This compact embroidery machine is the same size as the NEOII. It is small but capable of making embroidery on a wide space with high performance. This machine gives you powerful assistance on every imaginable stage from a shop business to small lot production.



INNOVATION
 "Simple Operation Embroidery"
 An innovative system in the pursuit of stress free machine operation

MULTI FRAME SELECTION

Choose and combine Tajima embroidery frames. With 6 types of frames, embroidery on anything is possible.



Tubular goods frame
 Suitable for embroidery on tubular products such as T-shirts, sweatshirts or uniforms. Select from many sizes to fit your products.



Wide Cap frame (optional)
 A wide cap frame for embroidery on finished caps. No matter what type of cap, embroider to a maximum length of 360 mm on the circumference of the cap (Adult size). Attach or detach caps on the cap frame with easy one-touch operation. 3 kinds of frames are available for adult size, child size and baby size caps.



Auto clamp frame (optional)
 From fabric to finished goods, embroider a wide variety of goods with out changing frames.



Cylindrical frame (optional)
 A special embroidery frame to embroider on cylindrically shaped products such as golf head covers or wine bottle covers. Choose from either a clip type or clamp type depending on the necessary embroidery space.



Border frame (optional)
 Use this frame for standard embroidery such as patches and appliqué. (When using a border frame a special table is also necessary.)



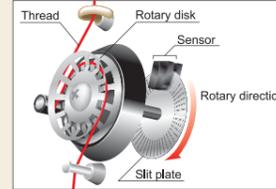
Pocket frame (optional)
 An embroidery frame to apply embroidery to small pockets. This frame is available in two sizes.



*Mounted with options
 (High-speed Sequin Device and Stand)

Thread breakage detecting system for prevention of production error

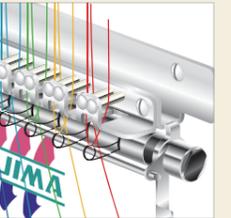
A sensitive sensor monitors the thread movement at all times. If the upper or under thread is broken, this system detects it in an instant and stops stitching to prevent embroidery production from continuing with broken thread. The sensitivity of the sensor can be adjusted on the control panel depending on the embroidery conditions.



Rotary disk
 The rotary disk, cut in a unique shape, rotates without slippage, following the thread feed. The slit plate also rotates in synchronization and if the rotation is stopped for some reason, the sensor detects it and stops embroidery operation immediately.

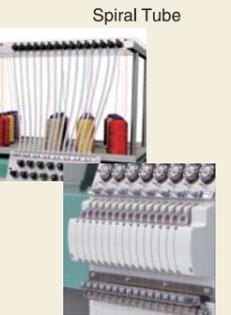
The middle thread guide with thread take-up spring keeps the balance of upper and lower threads

The thread take up springs pick up excess thread and stabilize the balance of the upper and lower threads during high speed operation improving thread tension. Thread breakage due to extra fine satin stitches (2mm or less), needle tip or thread untwisting etc. has been reduced by 30 -50 % (compared with our conventional specification).



Spiral tube, take-up lever guard <PAT> paying attention to safety

Spiral tubes between the upper thread course stand and the individual tension base protect upper threads against environmental wind, generated by air conditioners etc., which causes thread to tangle. Furthermore, uniquely developed covers are mounted onto the take-up levers to prevent threads from becoming entangled during high speed operation and to improve safety in the work place.

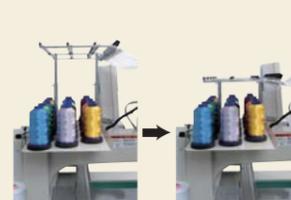


Take-up Lever Guard <PAT>

Condition Data

Both the design start position data and sewing condition data which are set up with embroidery machine can be output to external memory such as a USB memory, and it is easily bringing up the data without any set up requirement at the time of re-processing. New condition data called Tajima Binary Format is introduced for more complex and sophisticated embroidery designs.

FUNCTIONS Convenient functions



Telescopic thread stand
 With the adoption of the telescopic thread stand this machine becomes even more compact. With the expanding and contracting thread stand this machine can be easily transported in a car.