



**HIRSCH**  
SOLUTIONS

The Single Head Wide Type

# WIDE TWMX-C



# TWMX-C

## series

Introducing a new addition to the TEMX-C single head wide

## The Single Head Wide

For applications that require a larger embroidery field. Jackets, Sports Jerseys, etc... The wide type is also suitable for embroidery on traditional items like Caps, T-Shirts, Pockets, etc.

Thread breakage detecting system



Arm and Cylinder bed type machine

Max. speed: 1,200 rpm



Memory: 2,000,000 stitches



Large embroidery space: 550 x 595 mm

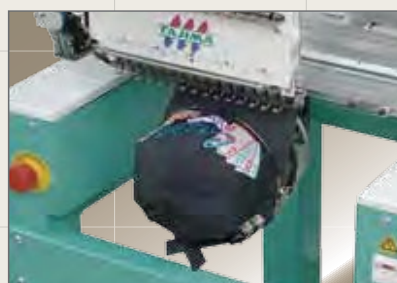


### 5 kinds of frames



**Tubular goods frame**

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



**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.



**Auto clamp frame**

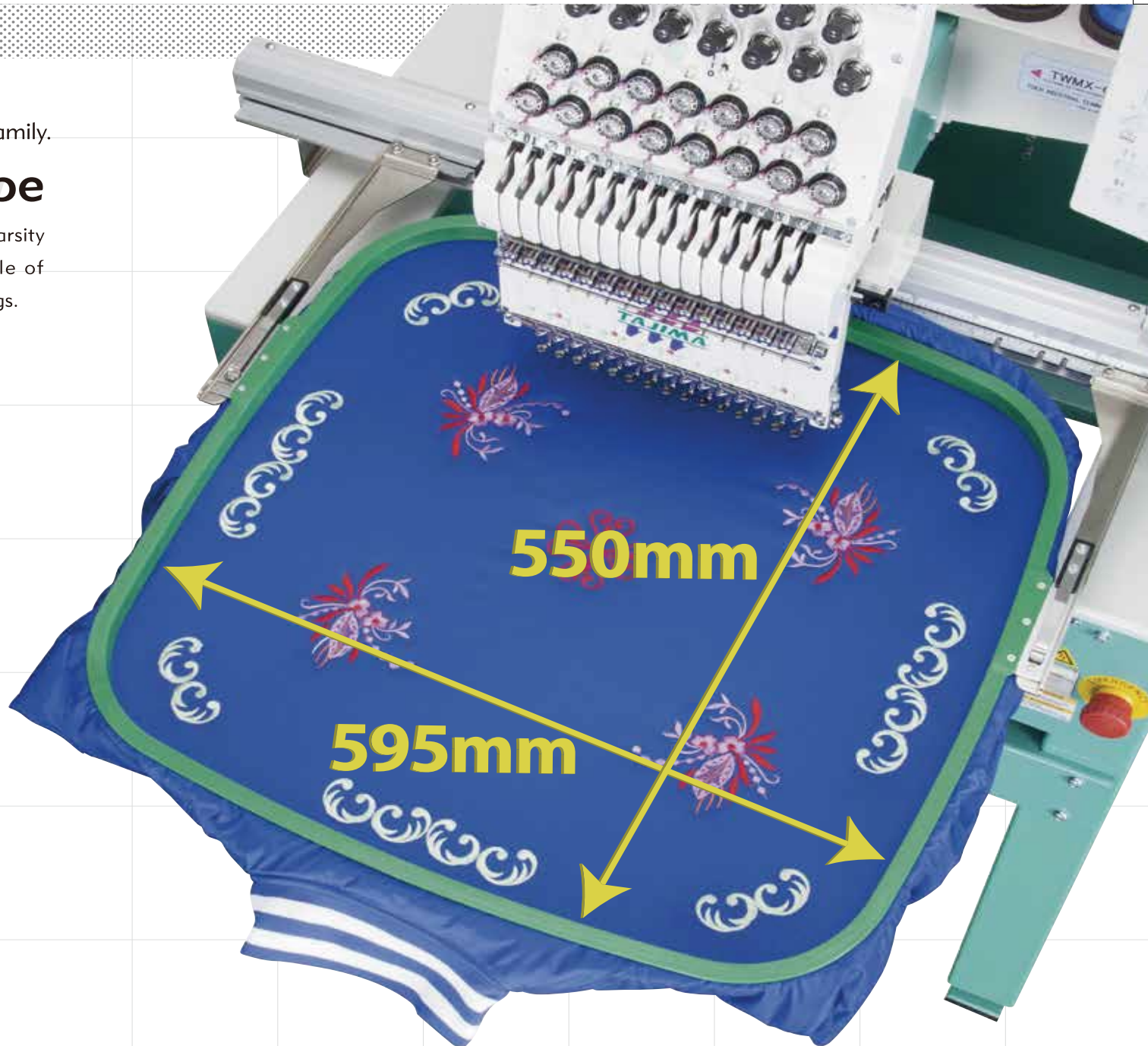
From fabric to finished products, a wide variety of goods can be embroidered on these frames.



the head family.

## the Type

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(optional)

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Pocket frame (optional)

An embroidery frame to apply embroidery  
to small pockets. This frame is available in  
two sizes.



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.)

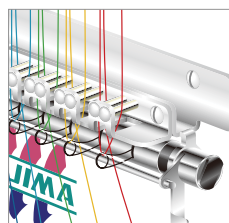
## Feature

### Thread breakage detecting system for prevention of production flaws



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.

### The middle thread guide with 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).

### Take-up lever guard <PAT> paying attention to safety



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.

## Functions

Memory	2,000,000 stitches
Design Scale up/down	50% - 200% (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.

## Options

### Sequin Device IV



Sequins in diameter of 2 - 22mm are available! A wide range of sequins in various sizes and shapes are flexibly available, including large sized, noncircular or eccentric sequins, depending on your needs and applications.

### X-axis Extension Unit (Dealer-installed Option)



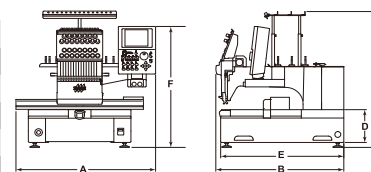
Embroidery space :  
550mm (D) x 1,200mm (W)  
Speed : Max. 700rpm

## Specifications

### TWMX-C series

Model	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						
TWMX-C	○	○	○	550 x 600	75 x 360	83 x 180	550 x 595	990	970	880	243	935	820

Factory option	Sequin device IV, Lochrose embroidery device, Air type clamp frame, Air type pocket frame, Auto clamp frame, Position marker
Option	High speed cording device, Boring device III(not applicable with cap frames), Exclusive stand, Under thread winder, Beam sensor, X-axis Extension Unit
Frames	Border frame(with an exclusive table), Wide Cap 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	210W



\*Front table for border frame:

A : 1320mm  
B : 1495mm

[Example of model code] TWMX-C 15 01  
a b c

Contents of model code: a=Model name  
b=Number of needles  
C=Number of head

