



TFMX-III 1500/1200/900/600
TFMX-1500/1200/900/600
TFMX-II 1500/1200/900/600

C Y L I N D E R T Y P E
F L A T T Y P E

www.tajima.com



Multi-head Automatic Embroidery Machines

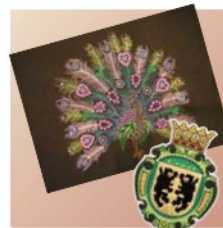


A diversified lineup of products enabling you to demonstrate your expression with embroidery

Tajima's embroidery machines do not choose your target objects to be created from ordinary embroidery up to embroidery to finished products.

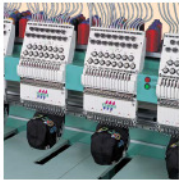
The full lineup from single to multi-head machines brings you unparalleled expressiveness.

All you need is to select the most suitable model, meeting the demands of your embroidery business.



TFMX series

CYLINDER TYPE



TFMX-BC
Support production for small lots to deal with your ever-changing schedule.



Tubular goods frame
Wide range of tubular frames are available to meet all requirements for embroidery on T-shirts, sweat shirts or other items.



Wide cap frame <PAT>
Embroidery on the circumference of caps up to 180mm in length. 2 types of side or top bars are available for wide cap frames.



Cylindrical frame <PAT>
A wide range of embroidery can be applied. Off-shoulder products like socks, gloves, mittens and all need covers.



Border frame (Option)
Useful for 18 inch size embroidery.

FLAT TYPE



TFMX / TFMX-II
Available for a wide range of applications from small to large lot production.

High-speed operation SPEEDY

Highspeed operation at 1,000 rpm offers you high productivity.

Stable stitching EFFICIENCY

Close-to-leg controlled frame driving system improves accuracy
A sensor constantly detects thread amount of embroidery frame to stop the machine immediately when it is overworked by shadow and prevents loss of the products. The lockwelded frame drive activates, depending on the control applied frames, and you will find embroidery finish as you approach.

Introduction of main shaft driven by AC servo motor
AC Servo motor has been adopted. Accurate main shaft driving ensures reliable stitching.

Tajima's original high technology

Numerous patents have proven Tajima's highly advanced technology.



Rotary type thread breakage detection
Stable upper and lower thread breakage detection assures even at high speeds.



Thread tension adjustment in response to high-speed stitching
Sewing is even more accurate with the middle thread guide and thread tension spring <PAT>.



Tension lever guard <PAT>
Stabilizes thread feed and prevents the threads from being tangled or cut off to provide safety for operators.

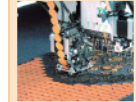


Rotary hook <PAT>
Rotary hook, developed by Tajima, stabilizes stitching even at high speeds.



Embroidery data management <PAT>
The details of embroidery data can be reviewed. (Design name, stitch count, number of color changes etc.)

Option



Sequin device IV
Facilitates a variety of decorative applications. Wide range of sequins from small to large size or special irregularly shaped or excessive types are applicable for creation of your designs as needed, depending on your application.



Sequin device III
Types of sequins with thin top edges, and sequins can be mounted at both the right and left sides, respectively, thereby enabling up to 4 sequin types per part.



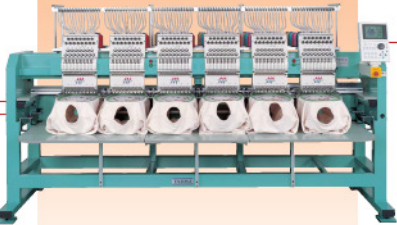
Zigzag cording device
This device can hold a normal embroidery head and arrange your applique designs with colorful cording assembly.



High speed cording device
This device can hold a normal embroidery head and arrange your applique designs with colorful cording assembly.

All ROUND PLAYER

All-rounders to embroider various types of finished goods, to say nothing of flat embroidery



Eye-friendly display, Easy operation FRIENDLY

Increased processing speed
Fast processing speed to switch display of design or screen improve operational convenience.

6.5 inch Color LCD panel
Expansive 6.5 inch color LCD panel and operation keys are located in a compact design to enable operation by touch. The rich color display is emphasized on the machine is displayed on the screen in real time <PAT>.



Runs on Microsoft Windows® CE
Data input/output Design data can be input and output using USB memory.

Sleep mode
Pressing a single button sets the machine in the standby status to reduce power source consumption. When you apply sleep mode without turning off the main power supply for intermission, you can restart the embroidery machine quickly.

The most advanced and reliable high-tech functions and mechanisms

User-friendly, Quieter operation
The latest noise reduction developments help create a quiet and pleasant working environment for operators.

Memory
The standard memory is 2,000,000 stitches and able to store a Max. of 500 designs.

Condition memory
Stitch conditions can be memorized together with embroidery data. The saved stitch conditions are applicable to job repeat at other machines.

Scale up/down, Rotate
You can scale your designs down to 50% or up to 200% in increments of 1%, and rotate in 1-degree increments.

Automatic repeat
A design can be automatically repeated up to 99 times both vertically and horizontally.

Design editing
Modify, insert or delete your embroidery design data stitch by stitch.

Stitch stitch reduction and expansion
Increase or decrease actual stitch length according to the stitch length in a design.

Clear-up function
A very helpful function to automatically remove small stitches to prevent thread breakage as well as to improve production efficiency.

Frame back / forward
Frame back/forward is available in units of 1, 2 or 3 stitches, step codes or designated stitch count.

Productivity
Production efficiency has been improved by decreasing downtime caused by color change, thread trimming etc.

Origin return
The frame can be either manually or automatically returned to the design starting point (when the machine is stopped), even if the end point is different from the starting point.

Trace function
Confirm whether or not a design will fit in a frame before embroidery.

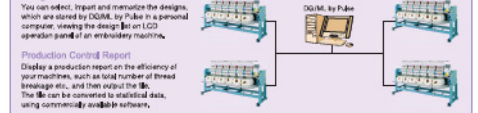
Automatic offset / manual offset
Facilitate accurate fabric placement and frame changing.

Automatic upper/lower thread trimming device ATH
Automatically operates to trim threads by commands in a design data.

Power failure control measures
You can continue to operate the machine even after an unexpected power failure during embroidery without being annoyed by a production error due to design displacement.

Networking system, using DG/ML by Pulse (Option)

Superior control for increased productivity.
The embroidery machine network creates more efficient working environment.



Design transfer
You can select, input and memorize the designs, which are stored by DG/ML by Pulse in a personal computer, viewing the design list on LCD operation panel of an embroidery machine.

Production Control Report
Display a production report on the efficiency of your machines, such as total number of thread breakage etc., and then output the file. The file can be converted to statistical data, using commercially available software.

Cylinder type **TFMX-IIc series**

Models	Heads	Head interval	Needles				Emb. space per head (D×W)mm					A	B	C	D	E	F	G
			6	9	12	15	Normal	Wide Cap Frame	Semi Wide Cap Frame	Tubular Frame	Cylindrical Frame(Clamp / Clip)							
TFMX-IIc	2	500	○	○	○	○	450×500	75×360	83×180	439×419	170×60	100/75×140	1,845	1,230		670		75
TFMX-IIc	4	360	○	○	○	○	450×360	75×360	83×180	439×279	170×60	100/75×140	2,150	1,230		670		75
TFMX-IIc	4	500	○	○	○	○	450×500	75×360	83×180	439×419	170×60	100/75×140	2,845	1,230				
TFMX-IIc	6	360	○	○	○	○	450×360	75×360	83×180	439×279	170×60	100/75×140	2,870	1,230	1,705		330	995
TFMX-IIc	6	500	○	○	○	○	450×500	75×360	83×180	439×419	170×60	100/75×140	3,895	1,250		950		100
TFMX-IIc	8	360	○	○	○	○	450×360	75×360	83×180	439×279	170×60	100/75×140	3,640	1,250				
TFMX-IIc	8	500	○	○	○	○	450×500	75×360	83×180	439×419	170×60	100/75×140	4,895	1,250				

[Example of a model code] $\frac{\text{TFMX-IIc}}{a} \frac{15}{b} \frac{08}{c}$ Contents of model code: a = model name
b = number of needles
c = number of heads

* Consultation for orders of special embroidery machines requirements is also available.

Factory Option Automatic Lubrication System, Jumbo Rotary Hook, Sequin Device IV, Sequin Device III Twin Type, Zigzag Cording Device, Position Marker(not applicable with cap frames)

Option High-Speed Cording Device, Boring Device(not applicable with cap frames), Emb. Lamé Attachment, Cap Frame, Cylindrical Frame, Border Frame

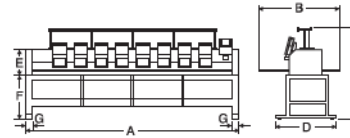
Stitch length Ternary scale : 0.1~12.1mm, Binary scale : 0.1~12.7mm

Electricity 3-phase : 200~240V, 350/380/400/415/440V 50Hz/60Hz
Single-phase : 100~120V, 200~240V 50Hz/60Hz

Speed Max. 1,000rpm

Motor AC Servo Motor×1, Pulse Motor×2

Power consumption 310w~420w



Flat type **TFMX/TFMX-II series**

Models	Heads	Head interval	Needles				Emb. space (Per head / All heads) mm		A	B	C	D	E	F	G
			6	9	12	15	D×W	Continuous design							
TFMX-	4	360	○	○	○	○	450×360	1,440	2,530	1,330					
TFMX-	6	360	○	○	○	○	450×360	2,160	3,250	1,340	1,540	1,000	330	839	100
TFMX-	6	500	○	○	○	○	450×500	3,000	4,215	1,340					
TFMX-	8	360	○	○	○	○	450×360	2,880	3,970	1,340					
TFMX-II	4	360	○	○	○	○	450×360	1,440	2,150	1,230					75
TFMX-II	6	360	○	○	○	○	450×360	2,160	2,870	1,230	1,555	950	330	845	100
TFMX-II	6	500	○	○	○	○	450×500	3,000	3,895	1,250					
TFMX-II	8	360	○	○	○	○	450×360	2,880	3,640	1,250					

[Example of a model code] $\frac{\text{TFMX-}}{a} \frac{12}{b} \frac{08}{c}$ Contents of model code: a = model name
b = number of needles
c = number of heads

Jumbo Design Embroidery Machine

Models	Heads	Head interval	Needles				Emb. space (Per head / All heads) mm		A	B	C	D	E	F	G
			6	9	12	15	D×W(Alternate)	Continuous design							
TFMX-	2	600w	○	○	○	○	1,200×600(1,200)	1,200	3,215	2,830	1,645	1,620	330	839	100
TFMX-	2	550w	○	○	○	○	1,000×550(1,100)	1,100	3,085	2,430					

[Example of a model code] $\frac{\text{TFMX-}}{a} \frac{12}{b} \frac{02}{c}$ Contents of model code: a = model name
b = number of needles
c = number of heads

* Consultation for orders of special embroidery machines requirements is also available.

Factory Option Automatic Lubrication System, Jumbo Rotary Hook, Sequin Device IV, Sequin Device III Twin Type, Zigzag Cording Device, Position Marker

Option High-Speed Cording Device, Boring Device, Emb. Lamé Attachment

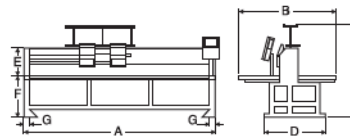
Stitch length Ternary scale : 0.1~12.1mm, Binary scale : 0.1~12.7mm

Speed Max. 1,000rpm
Jumbo Design Embroidery Machine : Max. 1,200rpm

Motor AC Servo Motor×1, Pulse Motor×2

Electricity 3-phase : 200~240V, 350/380/400/415/440V 50Hz/60Hz
Single-phase : 100~120V, 200~240V 50Hz/60Hz

Power consumption 310w~420w



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

* Embroidery space for tubular or cap or border frame means inner space within a frame.

However, it varies, depending on the embroidered goods or applicable conditions.

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

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

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