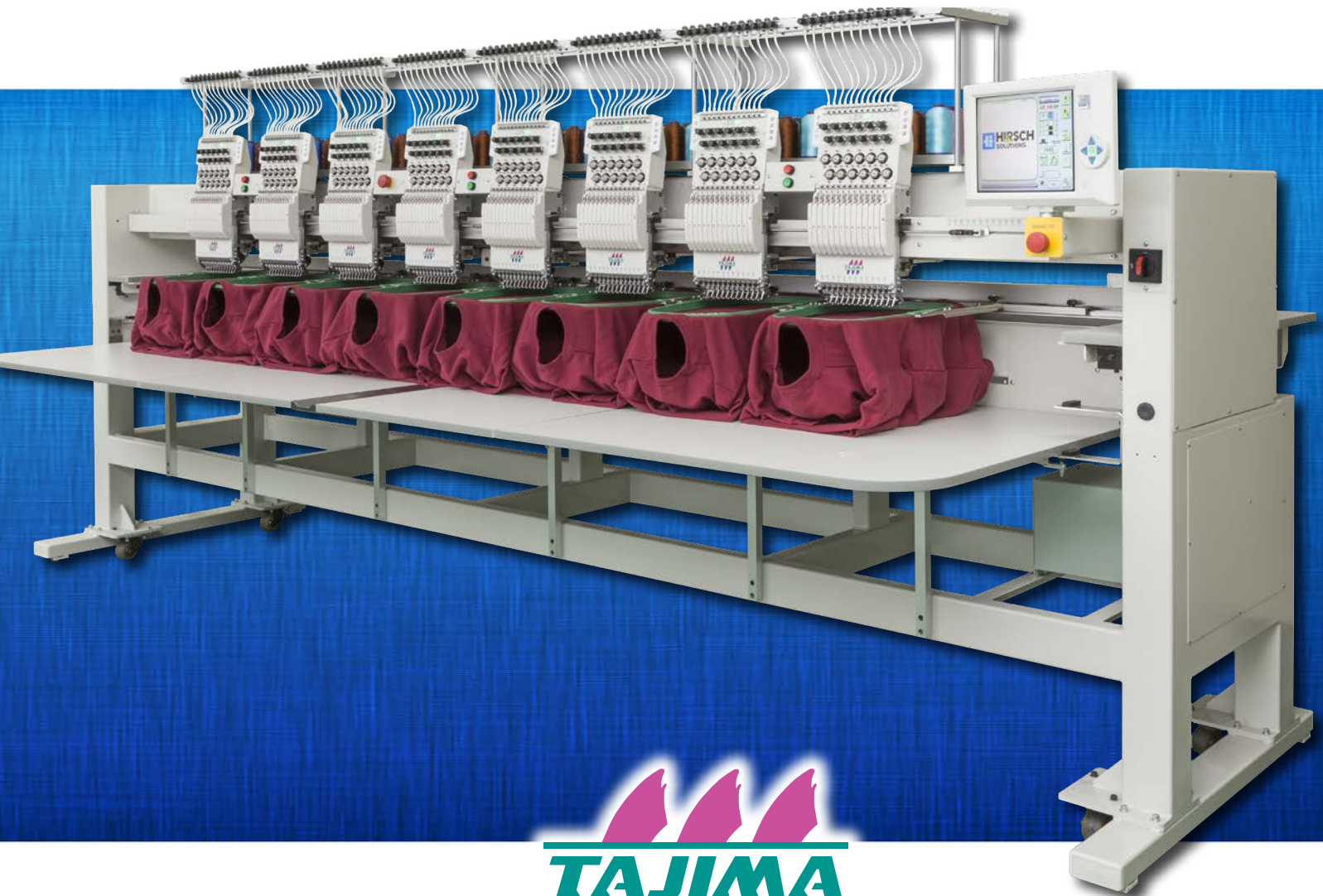




# HIRSCH SOLUTIONS

## Multi-Head Product Guide



 [CARE@HSI.US](mailto:CARE@HSI.US)

 [WWW.HSI.US](http://WWW.HSI.US)

 800.394.4426

# The **HIRSCH** Advantage

*Since 1968* Hirsch has been helping apparel decorators of all levels. Whether you are a beginner or a professional, Hirsch has the tools you need to start, grow and diversify your business. In the fields of embroidery, direct-to-garment, screen printing, textile laser etching/cutting and automation software, we have industry **experts** ready to support you.

- ▶ Nationwide Sales, Service & Support
- ▶ Industry Leading Reputation
- ▶ Dedicated Product Experts
- ▶ Established Company – Since 1968
- ▶ Consistently Ranked #1 by Industry Publications
- ▶ Advanced Application Training Program
- ▶ Selective Representation of the Finest Products
- ▶ Innovative Solution Studio Dedicated to R&D

*We don't settle for anything less than the best.  
You shouldn't settle for anything less than **The Hirsch Advantage.***

## Our Mission

At Hirsch, we measure our success by the success of our customers. We are committed in our efforts to guide, educate, train and support you with the decorated apparel industry's most experienced and enthusiastic team of product and technical experts. Our combination of the best equipment, the most knowledgeable sales team, dedicated product experts and industry leading training and support is **The Hirsch Advantage.**



*We sincerely appreciate the opportunity to serve you!*

*Widely Acknowledged as the World's Best Engineered and Best Built Machines, Tajima's Equipment is Exported Into More than 100 Countries Around the Globe.*

Tajima America Corp. - Los Angeles, California



Tajima - Japan



Tokai Factory - Japan



Hitoshi Tajima, Chairman

**TAJIMA HAS BEEN A FAMILY RUN BUSINESS SINCE ITS ORIGIN IN 1944. TO THIS DAY, THREE GENERATIONS OF FAMILY MEMBERS ARE INCLUDED IN ALL ASPECTS OF THE BUSINESS.**

- ▶ The Tajima Product line includes over 250 different machine configurations designed to give you a distinct competitive advantage in the marketplace.
- ▶ More than 100,000 Tajima embroidery machines are currently running and making money for our customers, shift after shift.
- ▶ Tajima engineers have developed cutting edge embroidery technology and product innovations that are represented by over 350 international patents and growing.
- ▶ Unique quality control processes deliver an accuracy rate of 0.001 mm a quality performance benchmark that is the envy of our industry.



# INDUSTRIAL MULTI-HEAD EMBROIDERY MACHINES

Hirsch offers Tajima single-head, multi-head and specialty embroidery machines to fit your production and special product needs. Caps, jackets, bags, blankets and more can be embroidered with standard (360mm) and stretch (500mm) head interval machines. With a diverse collection of options and accessories such as sequin, cording, boring, specialty frames and clamps, your creativity is only limited by your imagination.

## TMAR-K



TMAR-KC Type 2 1502



TMAR-KC Type 2 1504



TMAR-KC Type 2 1506



TMAR-KC Type 2 1508

## TFMX-IISC



TFMX-IISC 1502



TFMX-IISC 1504



TFMX-IISC 1506



TFMX-IISC 1508

## LARGE PRODUCTION



TMAR-VC 1512



TMCP-VF 1215



TMCR-VF 1215

## SPECIALTY



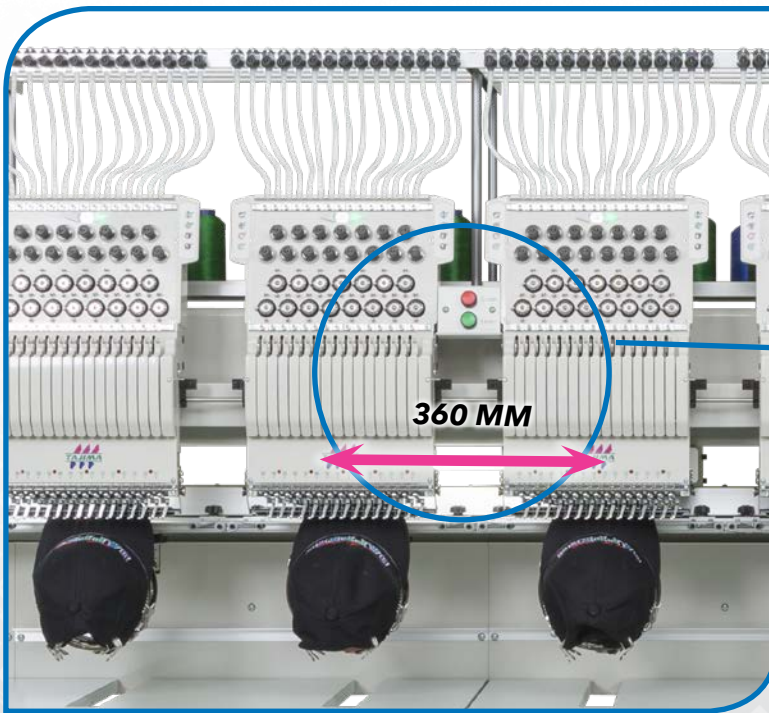
TLMX



TCMX



PAX



### 360 MM Head Interval

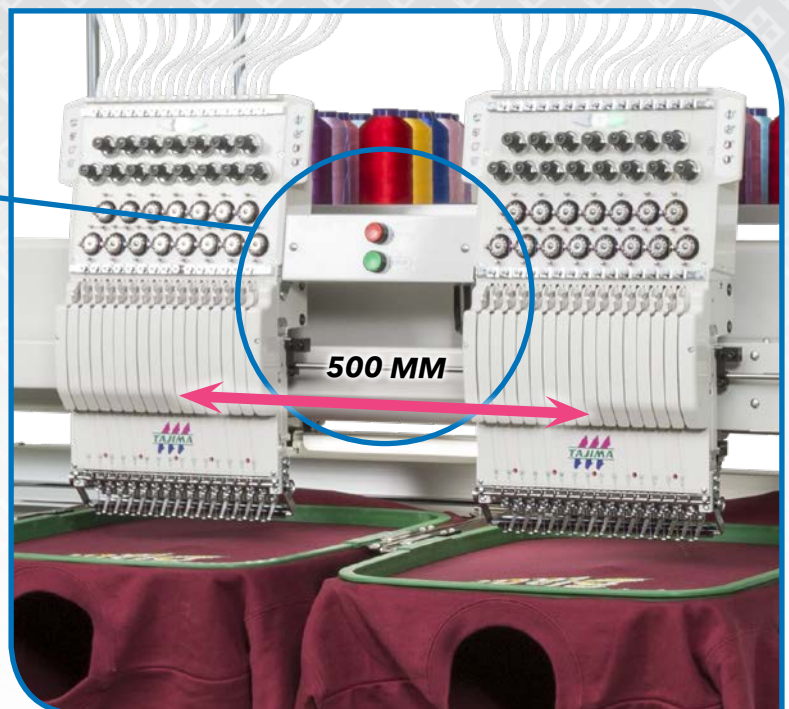
Machines with a 360mm head interval are ideal for producing a mix of products such as caps, polo shirts, sweatshirts, jacket backs and many additional items.

## STANDARD vs. STRETCH

Head interval refers to the space from one head to the exact same location on the adjacent head. We use the term "standard" for machines that have a 360mm (14 inch) head interval and we use the term "stretch" for machines that have a 500mm (19.6 inch) head interval. A larger interval makes it easier for larger, bulky products to fit comfortably between heads. The larger interval also provides a larger x-axis embroidery field.

### 500 MM Head Interval

The 500 mm head interval (Stretch) provides more space between heads which makes it easier to accommodate larger, bulky products such as hooded sweatshirts, jackets, blankets, etc. This is ideal for customers who do a larger percentage of these types of items and can accommodate the longer machine size.







## TMAR-KC SERIES

*The technologically advanced Tajima TMAR-KC Type-2 series multi-head embroidery machine features a slim cylinder arm, digitally controlled presser foot, and direct command switches resulting in high production efficiency, ultimate quality and overwhelming durability and performance.*



**TMAR**  
KC SERIES

# KEY FEATURES



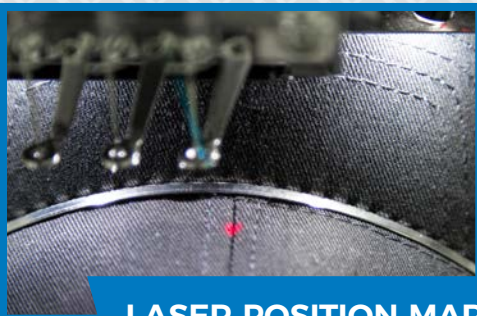
## DIRECT COMMAND SWITCHES

Common functions of the operation panel can be manipulated from each head, thus improving operator working efficiency.



## VERSATILE CAP DRIVER

The cap driver incorporates a lower shaft and a third locking pin to stabilize the cap during embroidery to enhance quality, and run at higher speeds.



## LASER POSITION MARKER

A red dot projected above the needle hole helps identify the actual embroidery area when tracing the design before stitching.



## TOUCH SCREEN PANEL

The easy to use, touch screen operation panel has picture icons to guide you and has high-capacity memory that can store up to 40,000,000 stitches or 650 designs.

## STANDARD FEATURES OF TMAR-KC TYPE 2 MULTI-HEAD MACHINES

- 40,000,000 Stitch Memory
- Auto Color Change
- Auto Thread Break Sensor
- Auto Thread Trim
- Barcode Ready
- Touch Screen Panel
- High Speed Rotary Hook
- LAN Enabled
- Quick Changeover
- Safety Beam Sensor
- Spiral Tubes
- USB Enabled



# TMAR-K SERIES



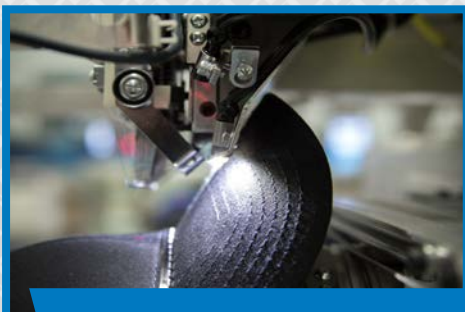
## TRIMMED NEEDLE PLATE

A shorter distance between the needle hole and the edge of the trimmed needle plate offers an increased embroidery area on many items.



## LED NEEDLE BASE LIGHT

The LED Needle Base Light illuminates the needle area and enables the operator a better view of the item being embroidered.



## STEEPER TILT HEAD

The Steeper Tilt Head angles the bill of a cap and allows stitching closer to the edge of the bill, increasing the embroidery area.



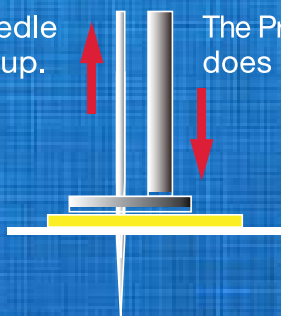
## SLIM CYLINDER BED

The Slim Cylinder makes it possible to embroider on smaller objects such as socks, gloves, and pockets. The Slim Cylinder is 12mm narrower than the original Tajima cylinder.

# DCP

## *digitally controlled presserfoot*

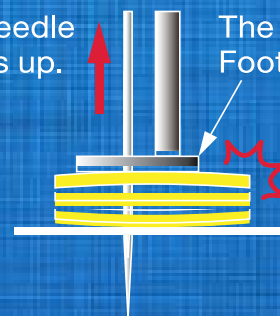
The needle moves up.



The Presser Foot does not float.

The fabric does not flutter with DCP.

The needle moves up.



The Presser Foot floats.

The fabric flutters without DCP.



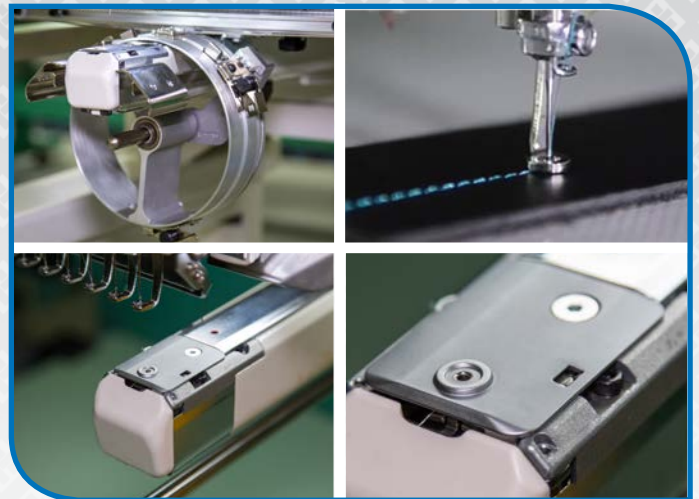
\*\*\*\*\* All TMAR-KC models can be switched from tubular goods to cap driver with no tools required \*\*\*\*\*

**DCP**  
digitally controlled presserfoot

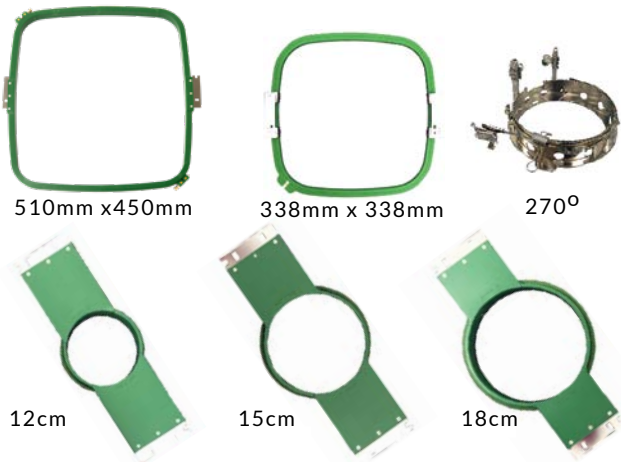


## Key Features for Quality Cap Embroidery

With the powerful combination of features on all TMAR-KC Type 2 machines, high quality cap embroidery has never been easier. The DCP reduces fabric flutter, the slim cylinder and trimmed needle plate reduce the gap to 1.5mm and with the steeper tilt head, placement closer to the bill is possible. Higher cap production speeds can also be achieved which increases production output.



### INCLUDED HOOP (4 of each)



### 2 HEAD STRETCH

NEEDLES	15
HEAD INTERVAL	500mm
MAX SPEED	1100 SPM
TUBULAR EMB. FIELD	439mm X 419mm / 17.3" x 16.5"
CAP EMBROIDERY FIELD	75mm x 360mm / 3" x 14.2"
MACHINE DIMENSIONS	89"W x 54"D x 69"H
MACHINE WEIGHT	1012 lbs
MIN. DOOR CLEARANCE	34" W

\*\*\*\*\* All TMAR-KC models can be switched from tubular goods to cap driver with no tools required \*\*\*\*\*

**DCP**  
digitally controlled Presserfoot



TMAR-KC Type 2 1504/500

500mm "Stretch" Head Interval



### Optional Multi-Cording Device

Six types of cords can be used to add texture and interest to your designs. The TMAR presser foot height can be adjusted to sew flat cording or looping textures and fills. With the optional Multi-Cording Device, six types of cords can be used to add texture and interest to your designs. The DCP can be adjusted to sew flat cording or looping textures and fills.

#### INCLUDED HOOPS (8 of each)



510mm x 450mm



338mm x 338mm



270°



12cm



15cm



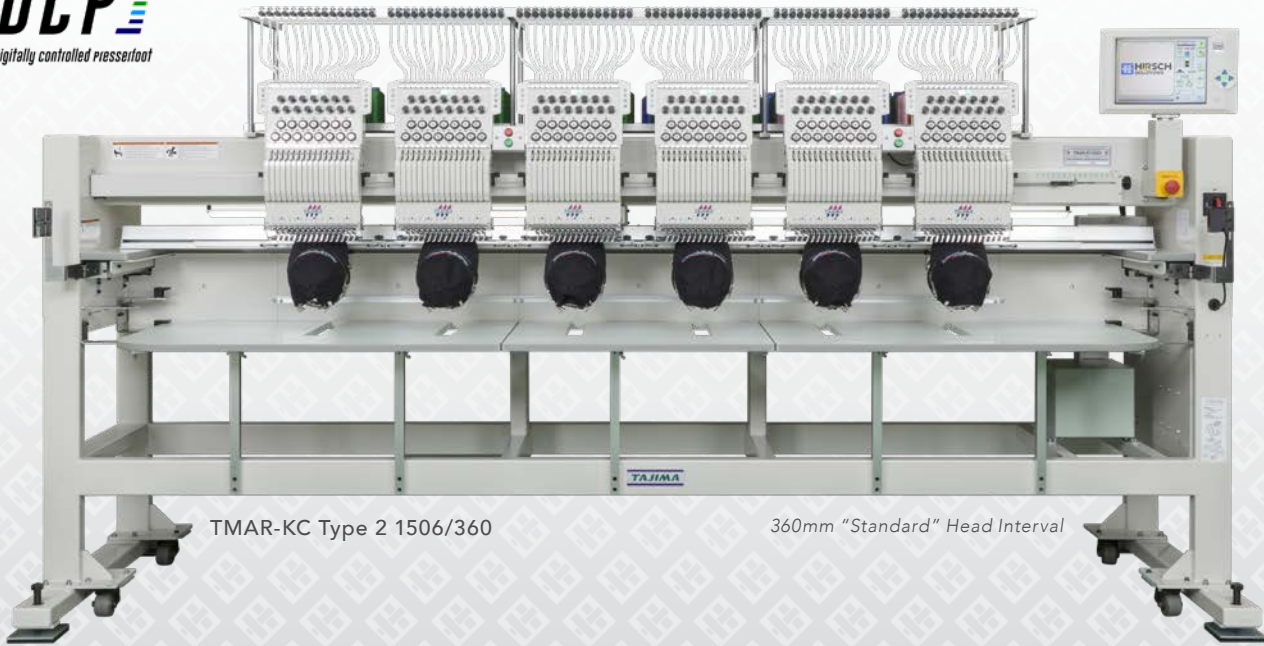
18cm

#### 4 HEAD STRETCH

NEEDLES	15
HEAD INTERVAL	500mm
MAX SPEED	1100 SPM
TUBULAR EMB. FIELD	439mm X 419mm / 17.3" x 16.5"
CAP EMBROIDERY FIELD	75mm x 360mm / 3" x 14.2"
MACHINE DIMENSIONS	129"W x 54"D x 69"H
MACHINE WEIGHT	1365 lbs
MIN. DOOR CLEARANCE	34" W



Available in 360mm & 500mm head interval configurations



TMAR-KC Type 2 1506/360

360mm "Standard" Head Interval

\*\*\*\*\* All TMAR-KC models can be switched from tubular goods to cap driver with no tools required \*\*\*\*\*

**Digitally Controlled Presser Foot**

The digitally controlled presser foot can be adjusted for each needle bar according to the product thickness. When the needle moves up, the presser foot holds the product in place and reduces fabric flutter.



Shown with 3D foam on hats on 500mm interval

\*510mm x 450mm hoop is replaced with 510mm x 310mm on machines with 360mm "Standard" Head Interval

**INCLUDED HOOPS (12 of each)**



510mm x 450mm\*

338mm x 338mm

270°

12cm

15cm

18cm

	<b>6 HEAD STANDARD</b>	<b>STRETCH</b>
<b>NEEDLES</b>	15	15
<b>HEAD INTERVAL</b>	360mm	500mm
<b>MAX SPEED</b>	1100 SPM	1100 SPM
<b>TUBULAR EMB. FIELD (mm)</b>	439mm X 279mm	439mm X 419mm
<b>TUBULAR EMB. FIELD (in)</b>	17.3" X 11"	17.3" x 16.5"
<b>CAP EMBROIDERY FIELD</b>	75mm x 360mm / 3" x 14.2"	75mm x 360mm / 3" x 14.2"
<b>MACHINE DIMENSIONS</b>	130"W x 54"D x 69"H	168"W x 54"D x 69"H
<b>MACHINE WEIGHT</b>	1446 lbs	1899 lbs
<b>MIN. DOOR CLEARANCE</b>	34" W	34" W

Available in 360mm & 500mm head interval configurations



\*\*\*\*\* All TMAR-KC models can be switched from tubular goods to cap driver with no tools required \*\*\*\*\*



Shown with optional border frame on 500 mm interval

\*510mm x 450mm hoop is replaced with 510mm x 310mm on machines with 360mm "Standard" Head Interval

**Optional Border Frame**

The border frame table allows for full field flat embroidery to sew designs on pre-assembled cut goods and items such as shower curtains, bedding, pillow covers, emblems and more. Clips hold the material securely in place.

	8 HEAD STANDARD	STRETCH
NEEDLES	15	15
HEAD INTERVAL	360mm	500mm
MAX SPEED	1100 SPM	1100 SPM
TUBULAR EMB. FIELD (mm)	439mm X 279mm	439mm X 419mm
TUBULAR EMB. FIELD (in)	17.3" X 11"	17.3" x 16.5"
CAP EMBROIDERY FIELD	75mm x 360mm / 3" x 14.2"	75mm x 360mm / 3" x 14.2"
MACHINE DIMENSIONS	158"W x 54"D x 69"H	207"W x 54"D x 69"H
MACHINE WEIGHT	1850 lbs	2438 lbs
MIN. DOOR CLEARANCE	34" W	34" W

**INCLUDED HOOPS (16 of each)**

510mm x 450mm\*      338mm x 338mm      270°

12cm      15cm      18cm





## TFMX-IISC SERIES

*The Tajima TFMX-IISC series incorporates a slim cylinder and a versatile cap system into Tajima's proven TFMX Series product line. Tajima embroidery machines are designed for reliability, top quality stitching and efficiency.*

**TFMX**  
II-SC SERIES

# KEY FEATURES



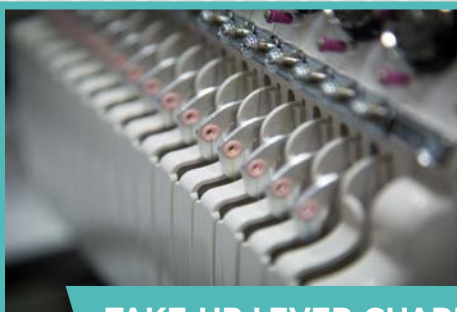
## THREAD BREAK DETECTION

A sensor constantly monitors the thread movement. If the upper or lower thread is broken, the system instantly stops stitching, allowing correction and back up if needed to preserve stitch quality. The sensitivity is adjustable on the operation panel.



## VERSATILE CAP DRIVER

The cap driver incorporates a lower shaft and a third locking pin to stabilize the cap during embroidery to enhance quality and allows cap production at high speeds.



## TAKE-UP LEVER GUARD

Covers mounted over the take-up levers prevent thread from cross tangling during high speed production and improve safety in the work-place.



## THREAD LOCKING SYSTEM

The Thread Locking System secures the thread after a trim to help prevent the thread pulling out during needle startup.

## STANDARD FEATURES OF TFMX-IISC MULTI-HEAD MACHINES

- 2,000,000 Stitch Memory
- Barcode Ready
- Quick Changeover
- Auto Color Change
- Color LCD Panel
- Safety Beam Sensor
- Auto Thread Break Sensor
- High Speed Rotary Hook
- Spiral Tubes
- Auto Thread Trim
- LAN Enabled
- USB Enabled



# TFMX SERIES



## TRIMMED NEEDLE PLATE

A shorter distance between the needle hole and the edge of the trimmed needle plate offers an increased embroidery area on many items.



## LED NEEDLE BASE LIGHT

The LED Needle Base Light illuminates the needle area and gives the operator a better view of the item being embroidered.



## STEEPER TILT HEAD

The Steeper Tilt Head accommodates the bill of a cap and allows stitching closer to the edge of the bill, increasing the embroidery area.



## SLIM CYLINDER BED

The Slim Cylinder makes it possible to embroider on smaller objects such as socks, gloves, and pockets. The Slim Cylinder is 12mm narrower than the original Tajima cylinder.



## THREAD TAKE-UP SPRING

The take-up spring picks up excess thread and stabilizes the balance of upper and lower threads at high speed while improving thread tension.

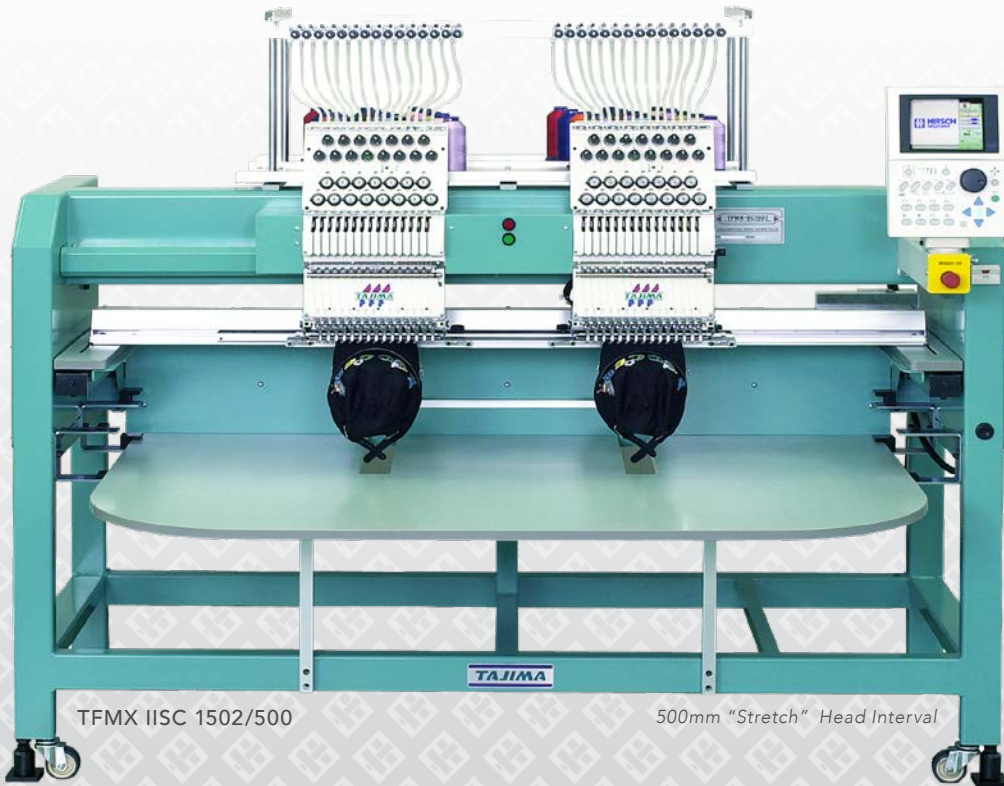


## SAFETY BEAM SENSOR

An invisible beam surrounds the work area of the machine while sewing; breaking the beam stops the machine immediately and ensures operator safety.



*The Tajima TFMX-IISC 2 head commercial embroidery machine has twice the advantage of any single head embroidery machine.*



TFMX IISC 1502/500

500mm "Stretch" Head Interval

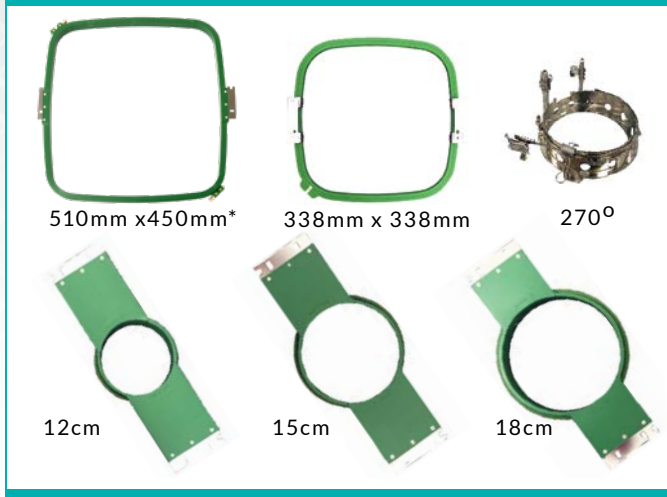
*\*\*\*\*\* All TFMX-IISC models can be switched from tubular goods to cap driver with no tools required \*\*\*\*\**

**Versatile Cap Driver**

The cap driver incorporates a lower shaft and a third locking pin to stabilize the cap during embroidery to enhance quality and allows cap production at high speeds.



**INCLUDED HOOPS (12 of each)**



510mm x450mm\*

338mm x 338mm

270°

12cm

15cm

18cm

**2 HEAD STRETCH**

NEEDLES	15
HEAD INTERVAL	500mm
MAX SPEED	1200 SPM
TUBULAR EMB. FIELD	439mm X 419mm / 17.3" x 16.5"
CAP EMBROIDERY FIELD	75mm x 360mm / 3" x 14.2"
MACHINE DIMENSIONS	73"W x 50"D x 65"H
MACHINE WEIGHT	810 lbs
MIN. DOOR CLEARANCE	32" W

*Tajima's "stretch" 4 head embroidery machine is an ideal choice for a growing company that needs to achieve production efficiency with small to mid-size orders.*



TFMX-IISC 1504/500

500mm "Stretch" Head Interval

\*\*\*\*\* All TFMX-IISC models can be switched from tubular goods to cap driver with no tools required \*\*\*\*\*



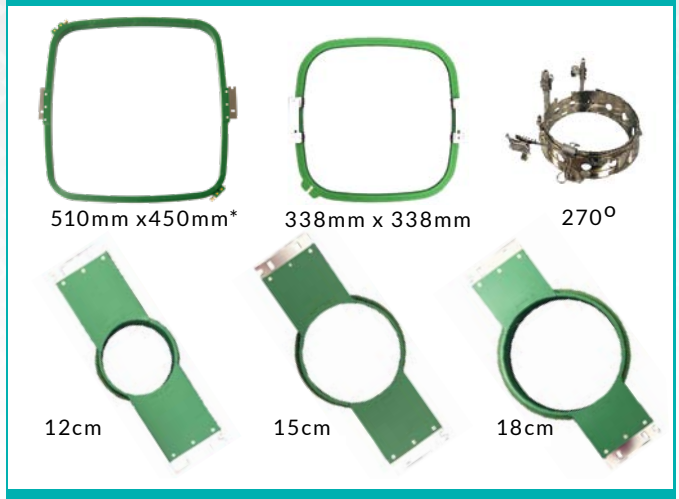
**Slim Cylinder Bed**

The slim cylinder bed makes it easier for items with small openings to fit over the arm of the embroidery machine which makes it easier to embroider socks, gloves, pockets, and more.

**4 HEAD STRETCH**

NEEDLES	15
HEAD INTERVAL	500mm
MAX SPEED	1200 SPM
TUBULAR EMB. FIELD	439mm X 419mm / 17.3" x 16.5
CAP EMBROIDERY FIELD	75mm x 360mm / 3" x 14.2"
MACHINE DIMENSIONS	112"W x 50"D x 67"H
MACHINE WEIGHT	1230 lbs
MIN. DOOR CLEARANCE	32" W

**INCLUDED HOOPS (8 of each)**



510mm x 450mm\*

338mm x 338mm

270°

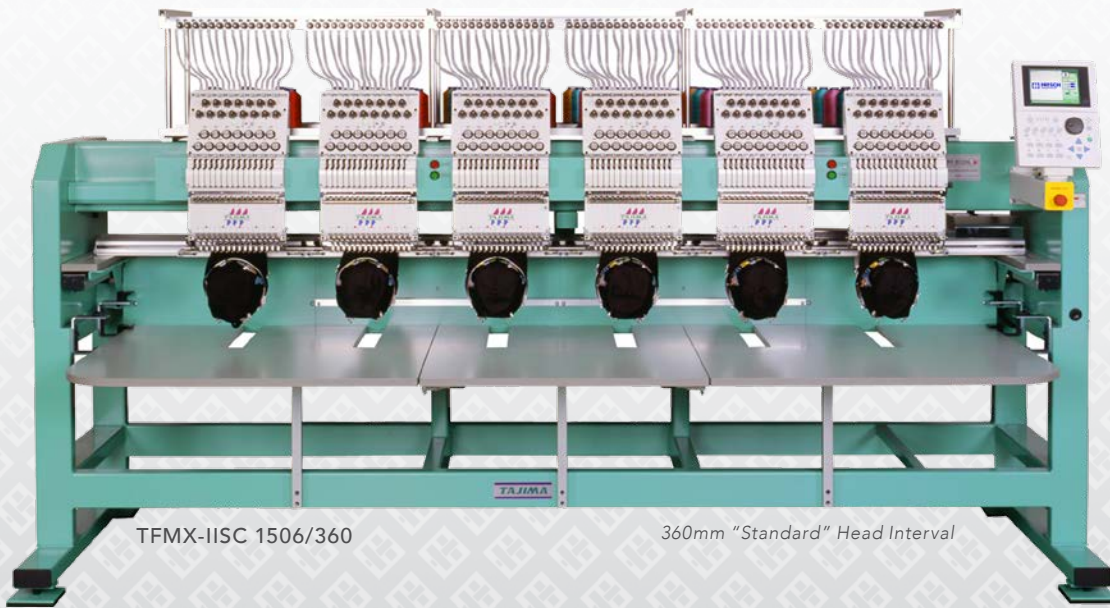
12cm

15cm

18cm



Looking for an embroidery machine to ramp up your production to a higher level? A Tajima TFMX-IISC 6 head machine is ideal for mid-size orders ranging from 48 to 200 pieces. Plus, the "stretch" version offers the added bonus of an extra-large sewing field.



TFMX-IISC 1506/360

360mm "Standard" Head Interval

\*\*\*\*\* All TFMX-IISC models can be switched from tubular goods to cap driver with no tools required \*\*\*\*\*

### Standard vs. Stretch

Head interval refers to the space from one head to the exact same location on the adjacent head. We use the term "standard" for machines that have a 360mm (14 inch) head interval and we use the term "stretch" for machines that have a 500mm (19.6 inch) head interval. A larger interval makes it easier for larger, bulky products to fit comfortably between heads. The larger interval also provides a larger x-axis embroidery field.



TFMX-IISC (garments on 500 interval)

\*510mm x 450mm hoop is replaced with 510mm x 310mm on machines with 360mm "Standard" Head Interval

**INCLUDED HOOPS (12 of each)**

510mm x 450mm\*      338mm x 338mm      270°

12cm      15cm      18cm

6 HEAD	STANDARD	STRETCH
NEEDLES	15	15
HEAD INTERVAL	360mm	500mm
MAX SPEED	1200 SPM	1200 SPM
TUBULAR EMB. FIELD (mm)	439mm X 279mm	439mm X 419mm
TUBULAR EMB. FIELD (in)	17.3" X 11"	17.3" x 16.5"
CAP EMBROIDERY FIELD	75mm x 360mm / 3" x 14.2"	75mm x 360mm / 3" x 14.2"
MACHINE DIMENSIONS	114"W x 50"D x 67"H	154"W x 50"D x 67"H
MACHINE WEIGHT	1330 lbs	1700 lbs
MIN. DOOR CLEARANCE	32" W	32" W

When it's time to increase production efficiency, consider the Tajima TFMX-IISC 8 head slim cylinder embroidery machine, built from the ground up with production in mind. This is the ultimate in mid-range, high-output production equipment.



\*\*\*\*\* All TFMX-IISC models can be switched from tubular goods to cap driver with no tools required \*\*\*\*\*



**Steeper Tilt Head + Versatile Cap Driver**

The Steeper Tilt Head angles the bill of a cap more which allows stitching closer to the edge of the bill and increases the embroidery area.

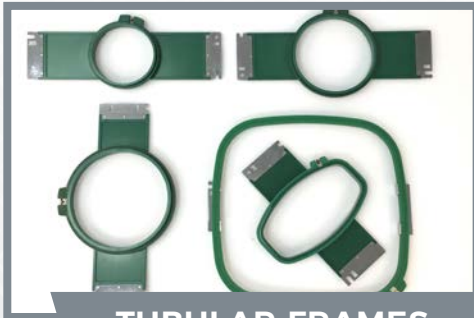
The cap driver incorporates a lower shaft and a third locking pin to stabilize the cap during embroidery to enhance quality and allows cap production at high speeds.

\*510mm x 450mm hoop is replaced with 510mm x 310mm on machines with 360mm "Standard" Head Interval

8 HEAD	STANDARD	STRETCH
NEEDLES	15	15
HEAD INTERVAL	360mm	500mm
MAX SPEED	1200 SPM	1200 SPM
TUBULAR EMB. FIELD (mm)	439mm X 279mm	439mm X 419mm
TUBULAR EMB. FIELD (in)	17.3" X 11"	17.3" x 16.5"
CAP EMBROIDERY FIELD	75mm x 360mm / 3" x 14.2"	75mm x 360mm / 3" x 14.2"
MACHINE DIMENSIONS	144"W x 54"D x 69"H	193"W x 54"D x 69"H
MACHINE WEIGHT	1446 lbs	1899 lbs
MIN. DOOR CLEARANCE	32" W	32" W

**INCLUDED HOOPS (16 of each)**

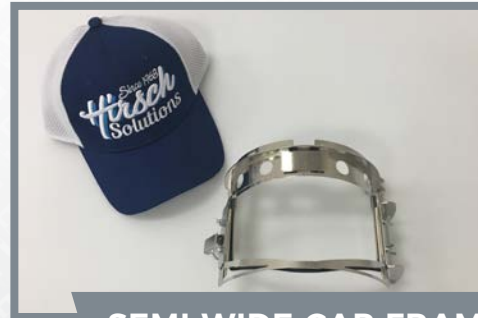
# Key Options for Tajima TMAR



TMAR  
TFMX

## TUBULAR FRAMES

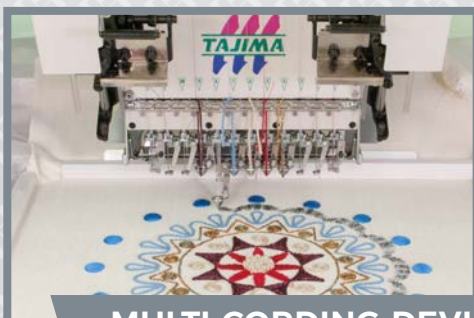
In addition to the standard hoops included with each embroidery machine, Hirsch offers a selection of optional hoop sizes to fit your needs: 7cm, 9cm, 21cm, sock frames and more are available to expand your hoop capabilities.



TMAR  
TFMX

## SEMI WIDE CAP FRAME

Designed specifically for higher crown caps and hats, the semi wide cap frame is the perfect tool for a multitude of headwear. Fits the standard Tajima cap gauge and reinforced cap driver.



TMAR

## MULTI CORDING DEVICE

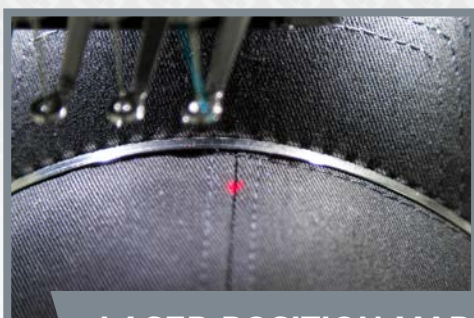
Six types of cords can be used to add texture and interest to your designs. The TMAR-KC presserfootheight can be adjusted to sew flat cording or looping textures and fills.



TFMX

## AUTO LUBRICATION

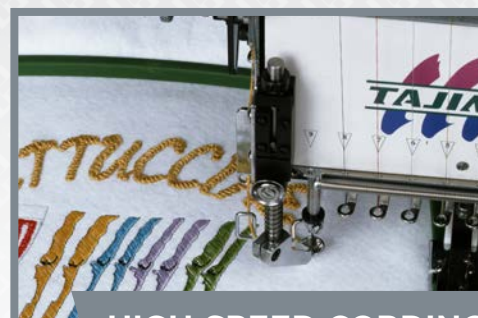
Lubrication to machine or machine heads and rotary hooks is performed automatically for improved productivity and more efficient machine operation.



TFMX

## LASER POSITION MARKER

A red dot projected above the needle hole helps identify the actual embroidery area when tracing the design before stitching. (Standard on TMAR Series)



TFMX

## HIGH SPEED CORDING

Create exciting effects to offer to your customers by adding variations of looping or cording to designs with the high speed cording device.

# & TFMX Embroidery Machines

Contact a Hirsch representative for option availability on specific machine models.



TMAR  
TFMX

## BORDER FRAME

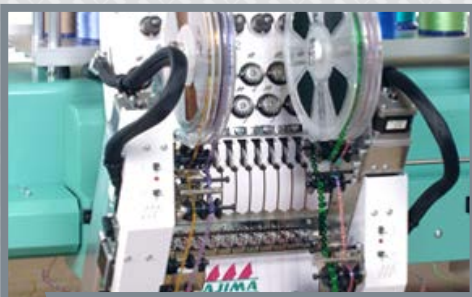
The border frame table allows for full field flat embroidery to sew designs on pre-assembled cut goods and items such as shower curtains, bedding, pillow covers and more. Clips hold the material securely in place.



TMAR  
TFMX

## POCKET FRAME

The pocket frames attach to the cap drive and can be used when adding embroidery to small pockets, socks, gloves and other smaller tubular items. The frame is available in two sizes, 100 x 75mm and 65 x 100mm.



TMAR  
TFMX

## SEQUIN DEVICE III

The Sequin Device III dual type offers a wide variety of sequin sizes and offers the capability of speeds up to 1,000 SPM. The Sequin Device III can be factory installed by Tajima or field installed at a later date.



TMAR  
TFMX

## SEQUIN DEVICE IV

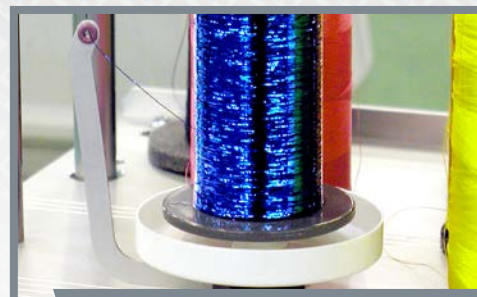
The Sequin Device IV offers a wide variety of sequin sizes and offers the capability of speeds up to 1,000 SPM. The Sequin Device IV can be factory installed by Tajima or field installed at a later date.



TFMX

## BORING DEVICE II

A special knife cuts holes in fabric and overlock stitching around the outside provides a finished edge. The size of the hole is adjustable, and the shape can be created through the process of digitizing to meet your design needs. Eyelet fabric is an example of fabric with designs created with boring.



TFMX

## LAME' ATTACHMENT

The lame' attachment smooths the tension so filament yarn can be stitched steadily and without being twisted. The addition of Lame' can add special decorative stitching to your designs.







## LARGE PRODUCTION

*High volume jobs demand a high volume embroidery machine. Tajima has over 250 different models to handle virtually any embroidery application. Only Tajima offers the variety of models, options and attachments to run your production shop with equipment tailored to your exact needs.*





TMAR-VC 1512



TMCR-VF 1215

FLAT TYPE MACHINE



TMCP-VF 1215

FLAT TYPE MACHINE



## TMAR-V SERIES

Tajima's TMAR-VC Series 12 head machines have been designed for cap and tubular applications. The digitally controlled presser foot reduces fabric flutter that occurs during embroidery and is especially effective when working with thick fabrics, thin fabrics, delicate fabrics, leather and heavy folds of material. Direct command switches put common controls within easy reach for the operator and saves valuable production time.



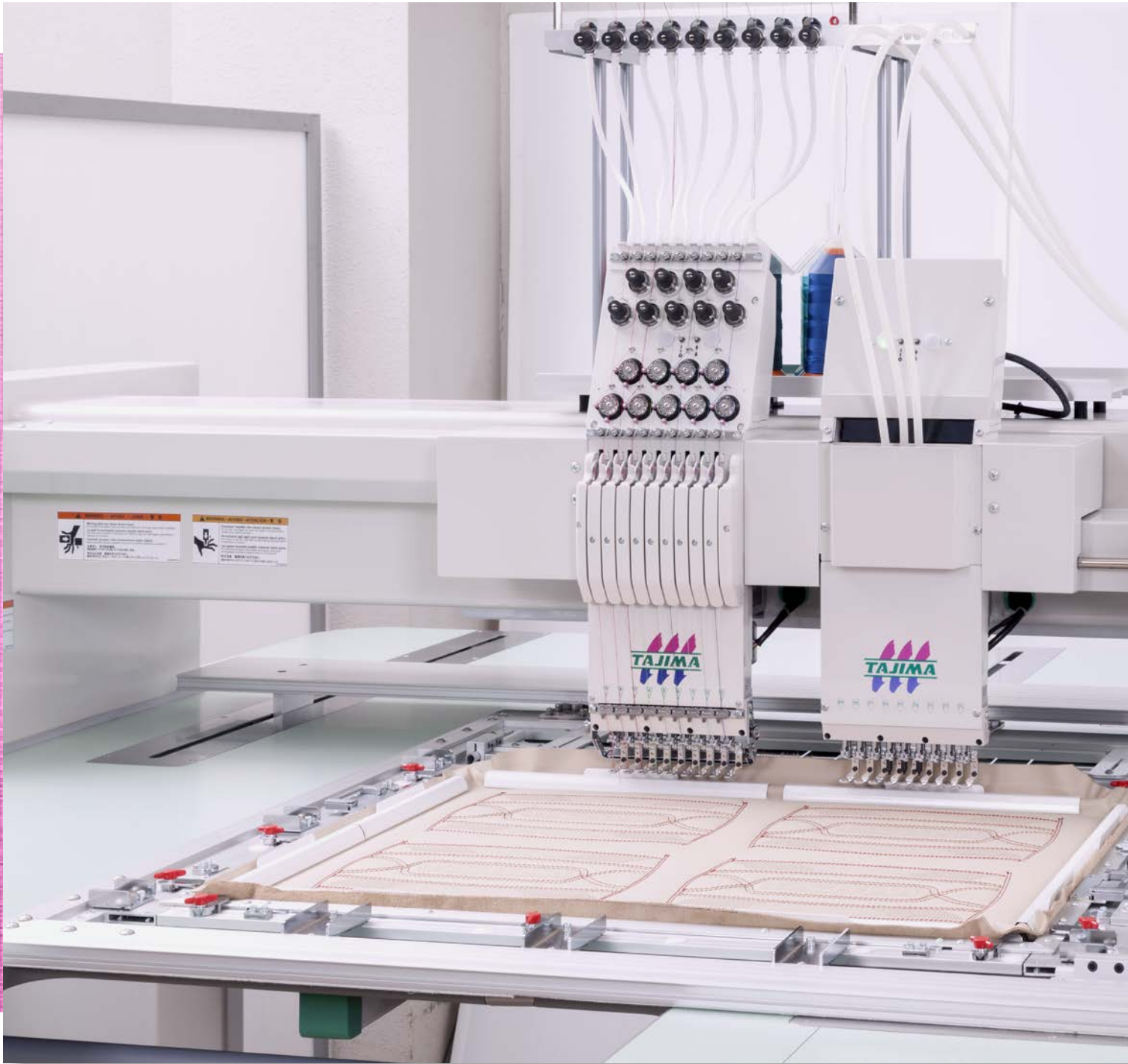
## TMCR SERIES

Tajima's TMCR series is Tajima's large production flat type model offered in machine configurations up to 30 heads. The digitally controlled presser foot and fine stitch mode create the highest quality stitches while the direct command switches saves valuable time. Options such as sequins and multi-cording help bring designs to life.



## TMCP SERIES

The TMCP series is available in head configurations up to 20 heads. The TMCP series is a production workhorse designed to operate in a high production factory environment. This flat type machine has options available such as a beam sensor, boring device, seed bead and sequins. The integrated smart bobbin changer replaces the bobbins on all heads in only 5 seconds.



## SPECIALTY MACHINES

*Tajima's specialty machines break the boundaries of traditional embroidery machines. From machines that sew heater wire and embroider leather seats, to chenille machines that create classic letterman jackets, Hirsch has the equipment to improve your bottom line.*





TLMX TRIPLE MIXED TYPE MACHINE: 2 LOCK STITCH CHENILLE + 1 MULTI COLOR HEAD

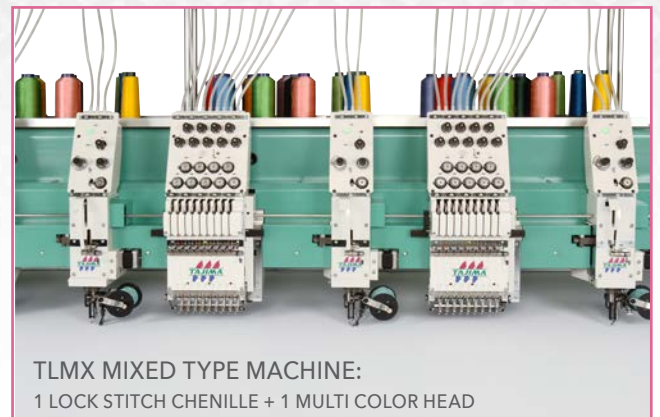
Tajima's TLMX series offers combinations of lock-stitch chenille and embroidery heads. Two lock-stitch embroidery heads and one multi-color head are integrated into the triple mixed type machine. Special optional guides for lock-stitch chenille can create details such as cording, blind, standing, and frill embroidery. Several options can be combined on the embroidery heads to offer more design capabilities.



TLMX 100/T00

The two lock-stitch embroidery heads and one multi-color head can be utilized in conjunction with one another or can be utilized independently to create a variety of different design effects.

Innovative combination embroidery machines help create a variety of design style. The mixed type series, integrates lock-stitch chenille embroidery heads and standard embroidery heads in pairs. A wide array of optional attachments are available such as sequin, multi cording and more to add exceptional design details to fabrics.



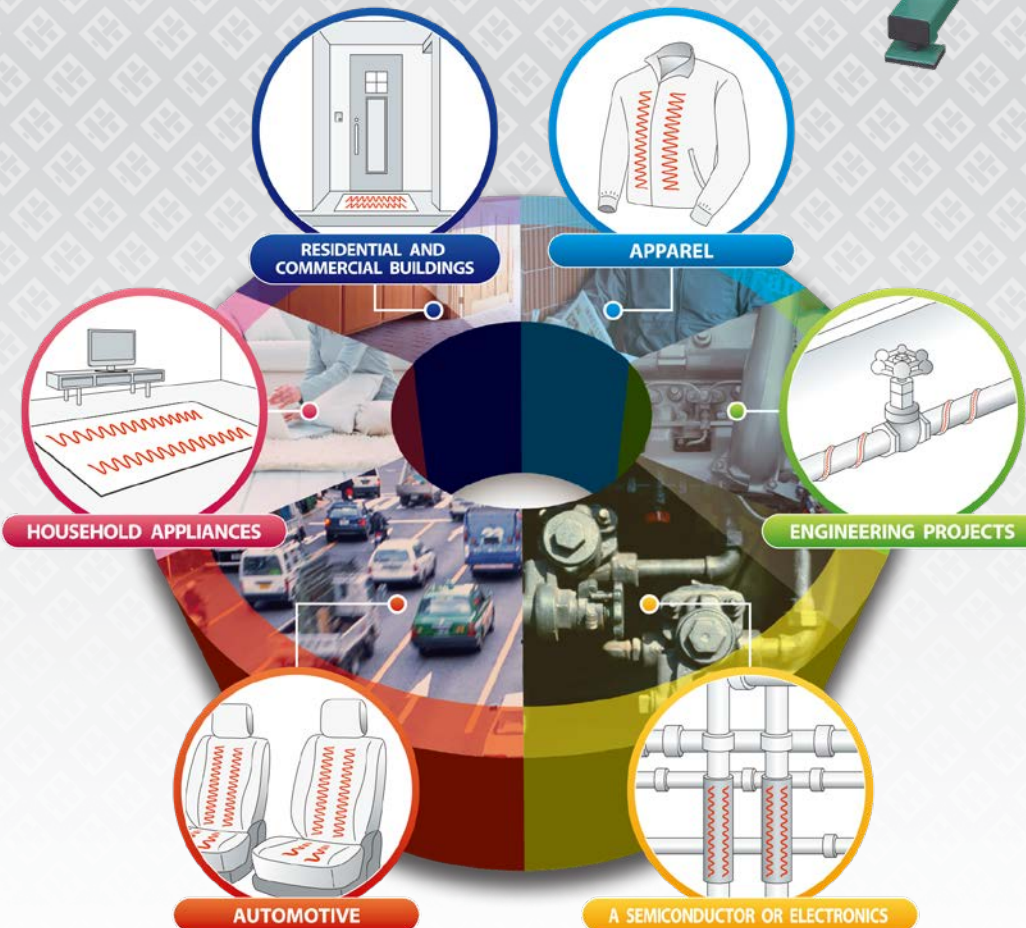
TLMX MIXED TYPE MACHINE:  
1 LOCK STITCH CHENILLE + 1 MULTI COLOR HEAD



An innovative machine designed to apply heated wire technology to many materials and increase production with the many options available.

The wire is stitched with a zigzag pattern resulting in a more durable and reliable application.

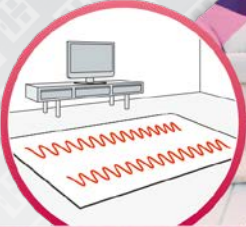
Application examples include apparel, pipe wrap, electric blankets, heated car seats, steering wheels and much more.



**RESIDENTIAL AND COMMERCIAL BUILDINGS**



**APPAREL**



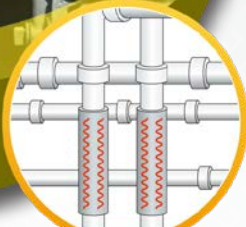
**HOUSEHOLD APPLIANCES**



**ENGINEERING PROJECTS**



**AUTOMOTIVE**



**A SEMICONDUCTOR OR ELECTRONICS**



**HEATER WIRE FEEDING DEVICE**



**COMPUTER CONTROLLED HEAD**



TCMX 61201

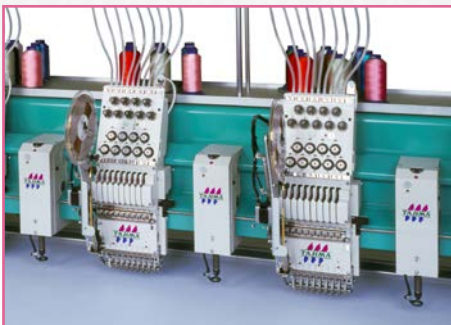


OPTIONAL MULTI-CORDING DEVICE

The Tajima TCMX multi-head and mixed type chenille machines offer specialized embroidery technology and stable stitching with chenille speeds up to 750 SPM and embroidery speeds up to 1,000 SPM.



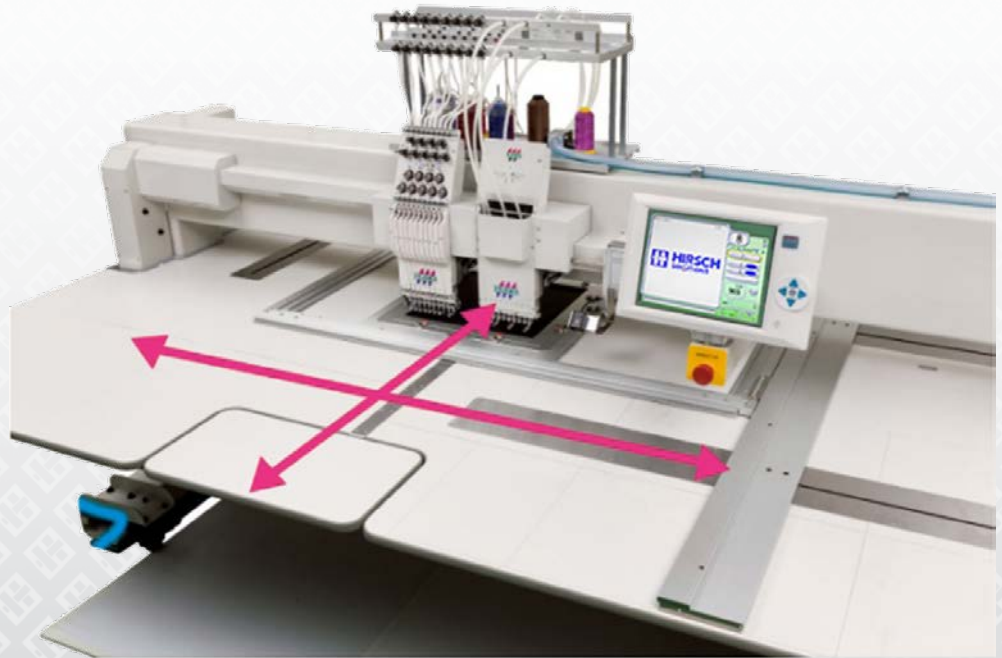
Multi-head embroidery machines, specialized for chenille embroidery, offer high speeds up to 750 SPM and stable stitching. Available in configurations up to 23 heads. Options offered include coiling/taping device MT-1, cording device K-2 and taping device KT-1.



A mixed type series incorporating standard embroidery with chenille heads to increase production and offer versatile design creation all on one machine. Available in configurations from 1 to 15 head pairs. Options offered for chenille heads include coiling/taping device MT-1, cording device K-2 and taping device KT-1. Options offered for embroidery heads include Sequin Device III and IV, High Speed Cording Device, Lame' Attachment and more.



The Tajima PAX machine, an innovative specialty embroidery machine designed for leather decoration, combines the three primary functions of cutting, drilling and embellishing all in a single process, simplifying and streamlining production while providing enhanced quality control and machining precision.



**Bridge Type Machine Allows For Deeper Sewing Area**



The combination of a special punching head and a robust head for embroidery eliminates the need for separate machines for cutting, punching holes and decorating.



Features Tajima's digitally controlled presser foot (DCP) which offers the ability to set the presser foot height according to the thickness of the material.

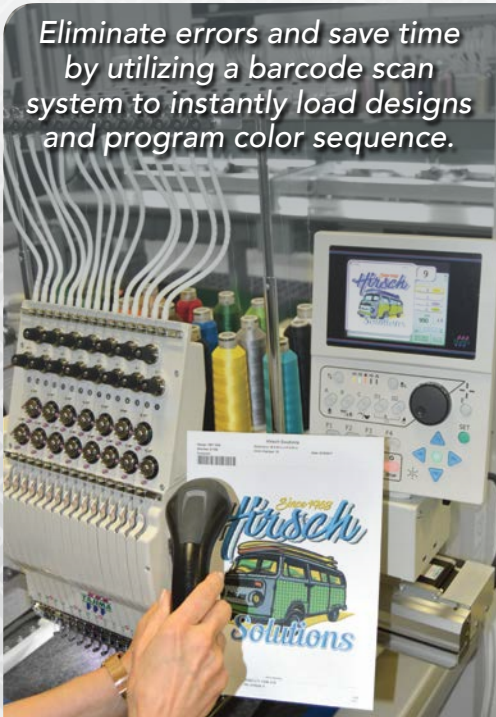
**Options available**

- \* Exclusive application software DG-S to create design easily
- \* Three types of perforator needles
- \* Vacuum device
- \* Auto bobbin changer



Great embroidery begins with great software! The Tajima DG by Pulse product line combines world renowned stitch quality, with advanced quality control features. Additional features that build upon the industry leading Vector Based Embroidery engine have created exciting new design possibilities with a variety of effects and hyper-detailed editing capabilities.

Tajima DG by Pulse is offered in several different levels to cater to your business' needs, so it is easy to start with the features you need now and upgrade as your business expands. Seamless integration with Tajima embroidery machines means that you will never spend time waiting for your designs at the machine. Add a barcode reader and load designs directly from a printed worksheet for maximum efficiency!



*Eliminate errors and save time by utilizing a barcode scan system to instantly load designs and program color sequence.*



**Maestro**

**THE MOST POWERFUL EMBROIDERY DESIGN PACKAGE AVAILABLE**  
Advanced vector functions, productivity enhancing features, and specialty stitch effects.



**Artist Plus**

**CREATE EXPRESSIVE EMBROIDERY WITH PRECISION AND SPEED**  
Intricately detailed design effects and special artistic options.



**Illustrator Extreme**

**ADVANCED FEATURES AND STITCH EFFECTS FOR CREATING PREMIUM EMBROIDERY**  
Enhanced Drawing tools and Vector import.



**Creator**

**THE ULTIMATE LETTERING, EDITING AND NETWORKING PROGRAM**  
Advanced lettering and outline editing with standard digitizing tools.



**Composer**

**PROFESSIONAL LETTERING AND EDITING**  
Over 170 professionally digitized fonts and full editing capabilities.

*Autograph* Version 2

Autograph is a lettering software that includes a great selection of fonts and thread charts to allow for flexibility in design creation, helpful templates to accelerate the design process and powerful editing functionality to perfect your designs.

**Embroidery i<sup>2</sup>**



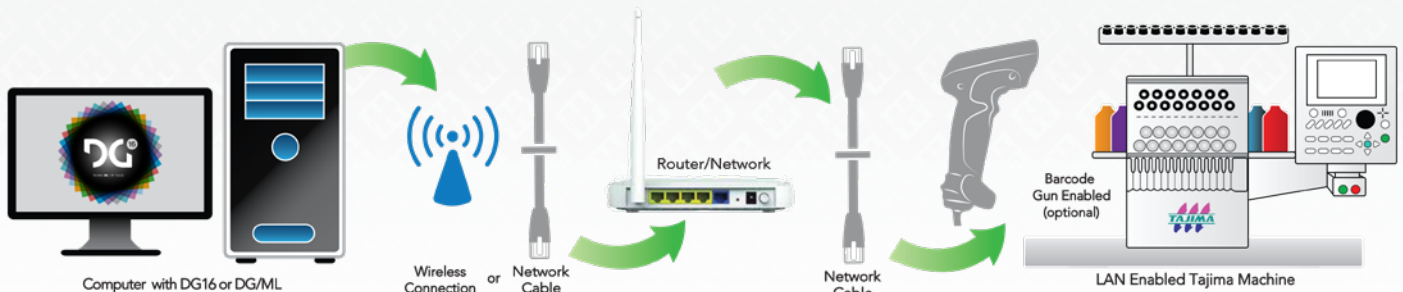
Solution PARTNER



Embroidery i<sup>2</sup> is a plug-in for Adobe Illustrator and Corel Draw. This software plug in allows you to design logos and artwork, then adjust the embroidery settings by selecting the stitch type, density and pull compensation. No hassle in learning a new program, just beautiful embroidery straight out of your familiar graphics program of choice.

*\*i<sup>2</sup> does not support network connections*

**Easily NETWORK your software and machines for improved workflow!**



Need a single head machine for small runs or samples?  
 With several different single head machine configurations,  
**Tajima and Hirsch have the right machine for your business.**

Please visit [hsi.us](http://hsi.us) or contact us for more details.



*\*Shown with optional stand*

**SAI**



*\*Shown with optional air clamp*

**TMBP-SC1501**



*Available in 15 or 18 Needles*

**TMBR-SC1801**



**TMBU-SC1401**



**TFMX-C1501 (STRETCH)**



**TWMX-C1501 (SUMO)**

We are honored to remain the top distributor in the industry. Our longevity is a testament to our tireless efforts to provide our customers only the highest quality products and solutions. Hirsch understands the impact that customer feedback has on the growth of our industry, which is why we work closely with our brand manufacturers to keep bringing innovative features to the market.

**Our success is only measured by your success.**

# NATIONWIDE COVERAGE

*to better serve you*



Visit the solution studio page at [www.hsi.us](http://www.hsi.us) to take an interactive virtual tour of our innovative facility, complete with detailed information about each piece of equipment.



**SOLUTION STUDIO**  
**360° VIRTUAL TOUR**  
*Powered By Google Earth*

