



TMAR-KC TYPE-2

SERIES

Electronic Multi-head Automatic Embroidery Machine

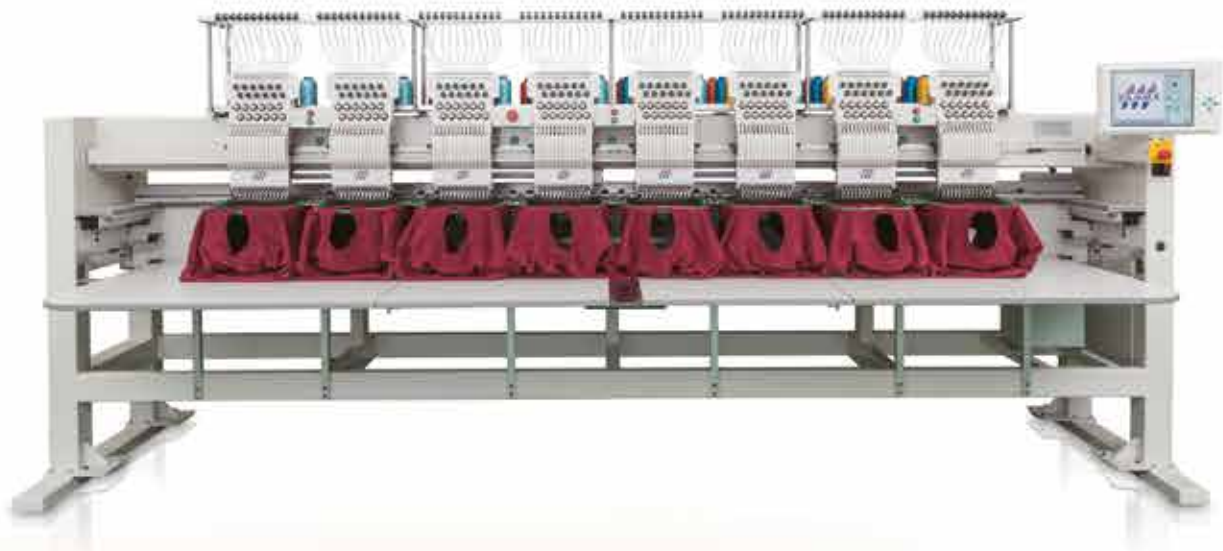


TMAR-KC TYPE-2 SERIES

Electronic Multi-head Automatic Embroidery Machine

The embroidery machine that brings beauty to life.

Giving you the highest-quality embroidery machine with all of Tajima's technologies, the only way to realize the utmost in embroidery quality.



Features

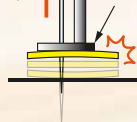
- Exquisite embroidery even on thick fabric and leather — Equipped with the digitally-controlled presser foot DCP

DCP

By digitally controlling fabric pressing, the DCP can be set to the thickness of the fabric so as not to over press the material causing shadows or damage. Also, by optimizing the timing of fabric pressing, the DCP can suppress the "fluttering" of the embroidery material, beautifully finishing precision embroidery. The DCP is very effective for hard-to-embroider materials like leather, thick fabric, stretchy fabric and quilting.

Example: Thick leather sewing and "fluttering"

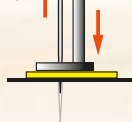
The needle moves up. The Presser Foot floats.



Fabric flutters.

Without DCP

The needle moves up. The Presser Foot does not float.



Fabric does not flutter.

With DCP



View by video clip.



Judo belt



Embroidery with the extra-fine thread (Actual dimensions)

Features

Preserving the embroidered by hand texture or lace embroidery — Equipped with the FS mode

NEW

The FS mode, which has made the TFGN II Series so sought-after, can optimally tune the embroidery machine, and thereby reduce the burden on the yarn and improve the stability and quality of embroidery. Furthermore, by using parts specially designed for the FS mode (option), even difficult-to-embroider soft twist thread and thick thread can be embroidered.

*When the FS mode is used, the rotational speed may be lowered. *The FS mode is applicable only to the tubular frame and the cylindrical frame.



FS mode optional parts



Thread guide

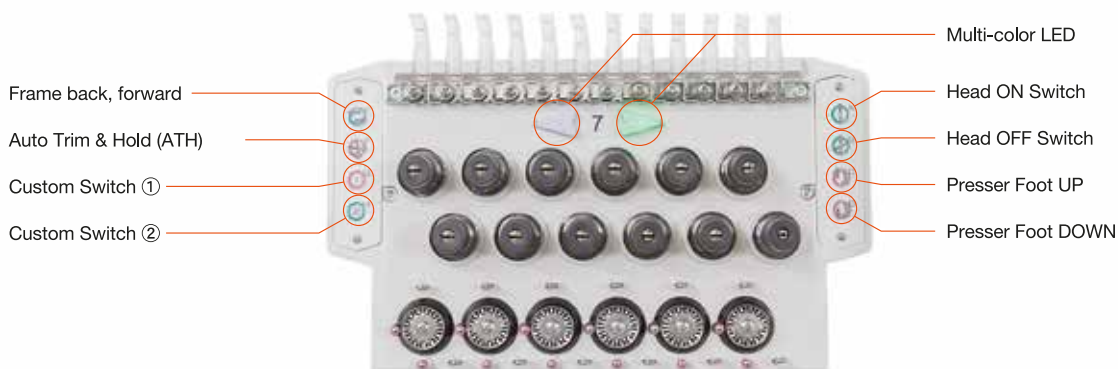


DBxK5 Z1 FS

Improvement of the work efficiency — Direct command switch

NEW

Various operation switches and multi-color LEDs are located on the each head. Since all of the main functions of the operation panel can be manipulated from each head, the working efficiency of operators has been improved. Commonly used functions may be assigned to the custom switches. (Scheduled for 2016)



Major boost of cap embroidery turnout

NEW

The newly-designed Slim Cylinder Bed, which has a downsized diameter compared to the conventional cylinders by about 12%, has widened the range of application so as to cover tubular products, such as sleeves and pockets. The Wide Cap Frame also has been newly designed to upgrade the rigidity coinciding with the Slim Cylinder Bed. This frame has enhanced the embroidery stability whereby increasing the rotational speed to 1000 rpm. (900 rpm for +4mm).



Reinforced Wide Cap Frame

Others



- Middle thread guide
 - Easy threading
 - Easy exchange



- Reinforced Border Frame



- Touch Screen Operation Panel

| Model | Needle | Head | Head Interval | Embroidery Space per Head Depth×Width (D×W _{mm}) : Inside Dimension | | | | Machine size | | |
|-------------|--------|------|---------------|--|----------------|---------------------|---------------|--------------------|-----------|---------------------|
| | | | | Normal | Wide Cap Frame | Semi-wide Cap Frame | Tubular Frame | Overall Width (mm) | Back (mm) | Overall Height (mm) |
| TMAR-K0902C | 9 | 2 | 500 | 450×500 | 75×360 | 83×180 | 439×419 | 2,260 | 1,355 | 1,730 |
| TMAR-K1202C | 12 | 2 | 500 | 450×500 | | | 439×419 | 2,260 | 1,355 | 1,730 |
| TMAR-K1502C | 15 | 2 | 500 | 450×500 | | | 439×419 | 2,260 | 1,355 | 1,730 |
| TMAR-K0904C | 9 | 4 | 360 | 450×360 | | | 439×279 | 2,560 | 1,355 | 1,730 |
| TMAR-K1204C | 12 | 4 | 360 | 450×360 | | | 439×279 | 2,560 | 1,355 | 1,730 |
| TMAR-K1504C | 15 | 4 | 360 | 450×360 | | | 439×279 | 2,560 | 1,355 | 1,730 |
| TMAR-K0904C | 9 | 4 | 500 | 450×500 | | | 439×419 | 3,260 | 1,355 | 1,740 |
| TMAR-K1204C | 12 | 4 | 500 | 450×500 | | | 439×419 | 3,260 | 1,355 | 1,740 |
| TMAR-K1504C | 15 | 4 | 500 | 450×500 | | | 439×419 | 3,260 | 1,355 | 1,740 |
| TMAR-K0906C | 9 | 6 | 360 | 450×360 | | | 439×279 | 3,280 | 1,355 | 1,740 |
| TMAR-K1206C | 12 | 6 | 360 | 450×360 | | | 439×279 | 3,280 | 1,355 | 1,740 |
| TMAR-K1506C | 15 | 6 | 360 | 450×360 | | | 439×279 | 3,280 | 1,355 | 1,740 |
| TMAR-K0906C | 9 | 6 | 500 | 450×500 | | | 439×419 | 4,260 | 1,355 | 1,740 |
| TMAR-K1206C | 12 | 6 | 500 | 450×500 | | | 439×419 | 4,260 | 1,355 | 1,740 |
| TMAR-K1506C | 15 | 6 | 500 | 450×500 | | | 439×419 | 4,260 | 1,355 | 1,740 |
| TMAR-K0908C | 9 | 8 | 360 | 450×360 | | | 439×279 | 4,000 | 1,355 | 1,740 |
| TMAR-K1208C | 12 | 8 | 360 | 450×360 | | | 439×279 | 4,000 | 1,355 | 1,740 |
| TMAR-K1508C | 15 | 8 | 360 | 450×360 | | | 439×279 | 4,000 | 1,355 | 1,740 |
| TMAR-K0908C | 9 | 8 | 500 | 450×500 | | | 439×419 | 5,260 | 1,355 | 1,740 |
| TMAR-K1208C | 12 | 8 | 500 | 450×500 | | | 439×419 | 5,260 | 1,355 | 1,740 |
| TMAR-K1508C | 15 | 8 | 500 | 450×500 | 439×419 | 5,260 | 1,355 | 1,740 | | |

| | |
|------------------------|---|
| Factory option | Automatic Lubrication System, Sequin Device III [Twin Type], Sequin Device IV, Position Marker |
| Option | Multi Cording Device, High-speed Cording Device, Boring Device (not applicable with semi-wide cap frames), Beam Sensor, LED Light, Underthread winder |
| Optional frames | Border frame, Semi-wide Cap Frame, Pocket Frame |

| | |
|--------------------------|---|
| Speed | Max. 1,100 rpm |
| Power | 3-phase, 200V Single phase, 100V, 200V |
| Power consumption | Maximum 470W (910VA) |

※The practical embroidery space and the rotational speed vary depending on embroidery product, machine model, and operating conditions.
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Factory option



Sequin Device III [Twin Type]<PAT>

Embroidering 2 different sequins by freely switching them at high speed



Sequin Device IV

Embroidering various sequins: small-diameter sequins, large-diameter sequins, irregular-shaped sequins and eccentric sequins

Dealer option



Multi cording Device

Embroidering 6 various types/colors of cords



Seller

Tajima Industries Ltd.

19-22, Shirakabe 3-chome, Higashi-ku Nagoya 461-0011 JAPAN
 TEL. +81-52-932-3444, 3445 FAX. +81-52-932-2457, 3449

Manufacturer

Tokai Industrial Sewing Machine Co.,Ltd.

No.1800 Ushiyama-cho, Kasugai, Aichi-pre. 486-0901 JAPAN



www.tajima.com



English <https://www.facebook.com/Tajimagroup>
 Japanese <https://www.facebook.com/TajimaJapan>



Please contact with our distributor below.

ACG NYSTRÖM

Älvsborgsleden 7, Box 929, 501 10 BORÅS
 | tel: 033-17 88 00 | fax: 033-10 07 07
 info@acgnystrom.se | www.acgnystrom.se

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