

## Product Sheet

### Tajima TMCR-VF+i-TM

#### Category: Embroidery machines

#### Tajima TMCR-VF+i-TM – Flagship embroidery machine with intelligent thread management

The TMCR-VF i-TM is Tajima's most advanced multi-head machine, developed for manufacturers with high demands on quality, repeatability and flexibility in industrial production. With i-TM as standard, you get digital, intelligent, real-time thread management for maximum control and precision.

- i-TM for intelligent, real-time thread tension
- DCP and FS Mode as standard
- Developed for advanced and exclusive embroidery

## Product description

### Advanced multi-head machine with digital thread control for maximum precision

The TMCR-VF i-TM combines intelligent thread management with Tajima's renowned precision technology. With i-TM (Intelligent Thread Management), thread tension is controlled digitally in real time based on the characteristics of each stitch. By controlling the upper thread feed, optimum thread tension is ensured regardless of fabric, stitch length or design.

This eliminates common quality issues such as visible bobbin thread, puckering in the fabric and variations between different heads. The result is even, stable and repeatable embroidery, even in demanding production runs.

The machine is equipped with a Digitally Controlled Presser Foot (DCP) and FS Mode as standard, ensuring stable stitching on thin, heavy and multi-layered fabrics, as well as when using soft-twisted or coarse thread. With the option to fit the machine with sequins, beads and cording, the TMCR-VF i-TM is the obvious choice for exclusive and decorative embroidery of the highest standard.

### Description

- Flagship model with i-TM as standard
- Intelligent real-time thread tension
- Digitally controlled presser foot (DCP)
- FS Mode for coarse and soft-twisted thread
- Maximum flexibility for decorative embroidery

## Technical Specification

| Machine Specifications                    |                                                                                                                               |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Machine type                              | Electronic multi-head embroidery machine                                                                                      |
| Main engine                               | AC servo motor                                                                                                                |
| X- and Y-axis motors                      | AC servo motors                                                                                                               |
| Maximum speed                             | up to 1,100 rpm                                                                                                               |
| Power supply                              | 3-phase 200–240 / 380 / 415 V, 50/60 Hz and 1-phase 200–240 V                                                                 |
| Energy consumption                        | approx. 1.2 kW                                                                                                                |
| i-TM (Intelligent Thread Management)      | standard                                                                                                                      |
| Number of people                          | 6–12 depending on the model                                                                                                   |
| Embroidery area per head                  | up to 1,500 × 240 mm, depending on the model                                                                                  |
| Factory options                           | Automatic lubrication, Automatic Frame Changer, SBC, UBC II, ESQ-C, Sequins Unit IV, Seed Beads Device                        |
| Optional extras available through dealers | Multi Cording Device 2, Boring Device 2, Beam Sensor, Position Marker • File format: DST (Tajima), TBF (Tajima Binary Format) |