

Pride in the world's best quality

The Shanghai factory has established a consistent machine production system from processing and assembling of parts up to quality control of the machines on the basis of Tajima's strict production control and quality standards.

Achievement of quality of Japan-made machines

Major production technologies have been imported from Japan for in-house production of major parts in dedicated processing lines to maintain the same accuracy as in Japan.

Superior cost performance

As a result of drastic review of the functions and costs from development up to production, embroidery machines with excellent cost performance have been brought to reality.



Option



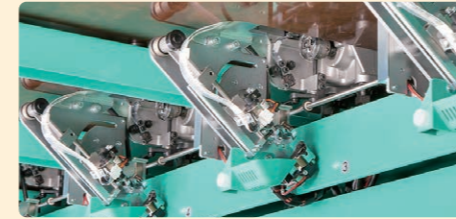
Sequin Device IV

A device for embroidering various sequins: small-diameter sequins, large-diameter sequins, irregular-shaped sequins and eccentric sequins. Drastic review of basic structure of the device has simplified adjustment works to change the size or cutting position of sequins.



SBC(Smart Bobbin Changer)

Replacement bobbins are held and set into their respective rotary hooks. Changing completed in only 6 seconds!! Replacement bobbins can be set beforehand while the embroidery machine is in operation, the downtime of the machine due to bobbin replacement is drastically reduced.



Specifications

Models	Needles	Multicolor heads	Head interval
TMCS-V0912F(550×360)S	9	12	360S
TMCS-V0912F(680×360)S	9	12	360S
TMCS-V0915F(680×400)S	9	15	400S
TMCS-V0920F(550×330)S	9	20	330S
TMCS-V0920F(680×330)S	9	20	330S

[Example of model code] $\frac{TMCS-9}{a} \frac{20}{b} \frac{20}{c}$ Contents of model code a = model name
b = number of needles
c = model of heads

Motor	Servo Motor×3
Power supply	3-phase 200-240/380/415V 50/60Hz Single-phase 200-240V 50/60Hz
Maximum RPM	1,000rpm
Power consumption	1.0kw
Option	High-Speed Cording Device, Sequin Device IV, Boring Device II Smart Bobbin Changer, Beam Sensor, Position Marker, Laser Line Marker

<http://www.tajima.com>

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Please contact our distributor listed below.

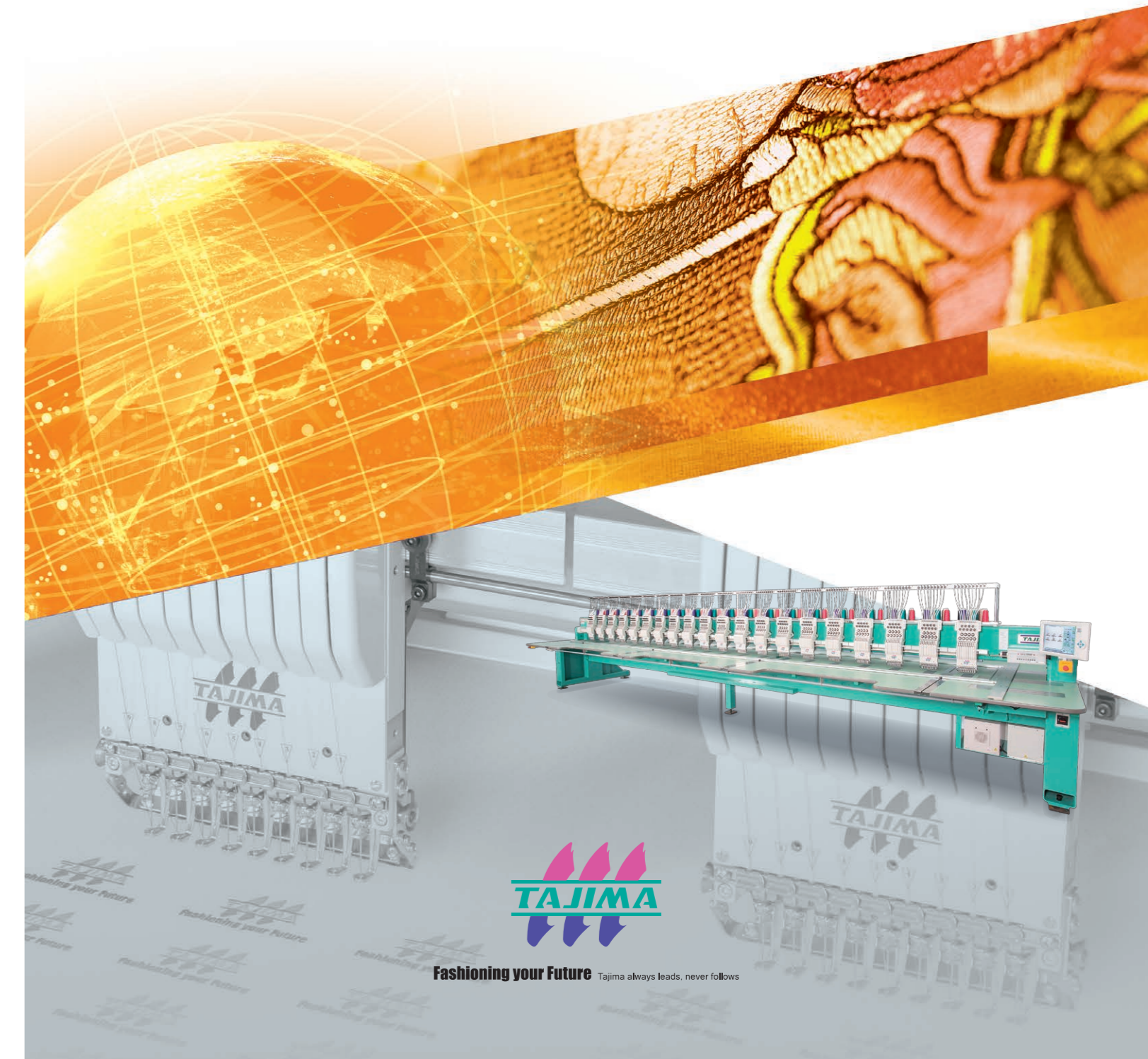
*The actual embroidery area and embroidery speed may vary depending on the items being produced, the machine model, and the embroidering conditions.
*Caution: No registered trademark or product design contained in this catalog may be used without prior permission from the manufacturer.

* The specifications and designs of our products are subject to change without notice for performance improvement. Z305A_01

TMCS-VF

SERIES

ELECTRONIC MULTI-HEAD AUTOMATIC EMBROIDERY MACHINE



The world's highest quality born in Shanghai

Tajima's products are made with no compromise in quality. The new embroidery machines now make a debut from Shanghai, fully loaded with genuine craftsmanship and the latest technology.

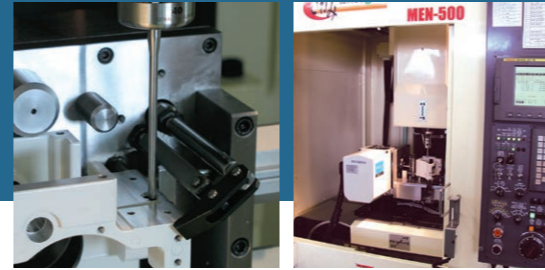
In pursuit of the ultimate in accuracy, a step closer to perfection

Major production technologies have been brought from Japan to materialize in-house production of the major components. Introduction of the production technology and quality control, accumulated through many years, enables consistent manufacturing of the products from processing and assembling of parts right up to final inspection.



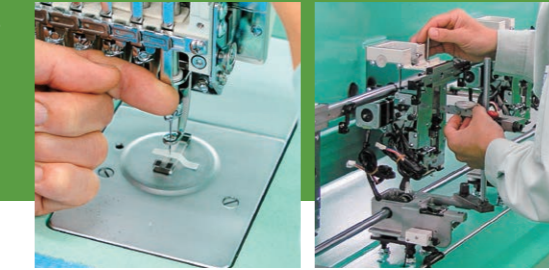
Part processing, supporting the world's highest quality

To build embroidery machines with the "world's highest quality", the quality level of the component parts is very important. Tajima has introduced major production technologies from Japan in pursuit of quality maintenance at the same level as in Japan for processing higher precision parts.



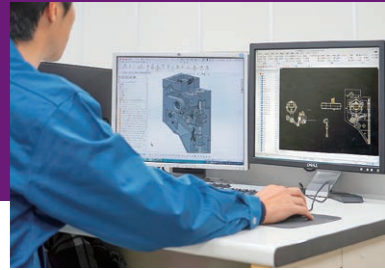
Production lines to create the world's highest quality machines

The most important process in the production of embroidery machines is the core sector from machine assembling to inspection. Our long-accumulated production technology and quality control have been introduced to our Shanghai factory and we have established production lines to manufacture the embroidery machines of the world's highest quality the same way as we do in Japan.



Both the world's highest quality and cost efficiency

The development division of the Tajima Group is making embroidery machines, keeping in mind the customers' needs and cost competitiveness through our vast experience in the global network. The new TMCS Series machines are born in the Shanghai factory with full consideration of cost performance as well as the quality from the very beginning stages of development.



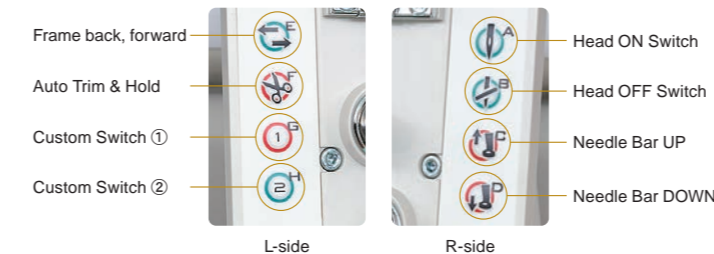
Upgraded Operation Panel

A 12.1 inch color LCD monitor, an exclusive graphical user interface (GUI) and a touch panel <PAT> are put together to improve operational convenience even more. Also a 32bit CPU is installed to increase image-rendering speed on the screen, and memory capacity is more than 10 times bigger than TFSN series. A more comfortable, user friendly working environment is brought to you by Tajima.



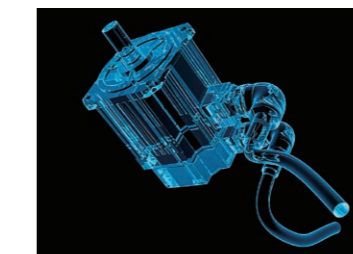
Direct Command Switches

Various operation switches and multi-color LEDs are located on each tension base. Since many of the main functions of the operation panel can be manipulated at each head, operator work efficiency has been improved. Commonly used functions may be assigned to the custom switches.



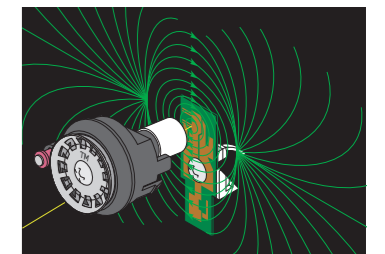
Servo Motor

Powered by an AC Servo Motor
An AC servo motor is adopted for the main shaft and the frame drive as with Tajima's flagship models. Optimized drivers, motors, and encoders are incorporated into a closed circuit controlled by Tajima technology. Extremely high positioning precision has been achieved while maintaining high speed of 1000 RPM. Tajima's motor drive algorithm boosts the quality of embroidery to new levels of excellence.



Magnetic Upper Thread Detection System

A Rotary disk with a unique cut detects the upper thread flow regardless of thread type and stitch length. The latest magnetic sensor adopted in place of the optical type detects even slight movements of the rotary disk accurately, so it can make the machine stop instantly when it detects a variety of such abnormal thread behaviors as not only upper thread breaks, but also bobbin thread breaks and mis-trimming of threads. In addition, since a magnetic sensor is adopted, the detection performance is not affected by dust and dirt.



TMCS Series, the essence of Tajima's extensive technical experience and brand loyalty

Loaded with all the latest technology, the TMCS Series has realized both high quality and cost efficiency.



TMCS-VF

FACTORY OUTLINE

Corporate name : Shanghai Tajima Embroidery Machinery Co., Ltd.
Address : Nanhui Industrial Zone, Shanghai, China
Factory site area : 48,900m²
Factory floor space : 17,926m²