Optional Frame Lineup

Tubular Frame(standard)

Cap Frame

M-Frame

Air Type Clamp Frame 2

X-Extension Unit
(360mm x 1,200mm)

Sock Frame

Air Type Pocket Frame

Pocket Frame

Reinforced tubular frame

The newly-designed arms have been made 3times more rigid than the conventional type, easily supporting of heavy items like jackets.

Faster, beautiful embroidery on caps

Reinforcement of the cap frame support structure has contributed to stabilization of the embroidery finish, by dramatically increasing the maximum rotation speed up to 1,000 rpm.

"TMEZ-SC" + "PulseID" offer personalized embroidery through E-commerce and stores

"PulseID" provides comprehensive support for embroidery personalization, from receiving in-store or online e-commerce orders to production and management.
Combined with the AI embroidery machine "TMEZ-SC", embroidery personalization can be easily started without a dedicated embroidery staff.

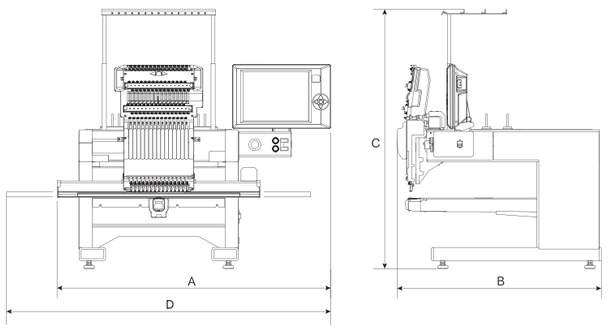
SPECIFICATION

Model	Needles	Embroidery field (D×W)					A	B	C	D
		Border Frame	Wide Cap Frame	Cap Frame	Tubular Frame	Pocket Frame	Width	Depth	Overall Height	Overall Width
TMEZ-S0901C	9	360×500mm	75×360mm	83×180mm	335×453mm	45×80mm 80×55mm	1,030mm	770mm	977mm	1,205mm
TMEZ-S1201C	12									
TMEZ-S1501C	15									

Maximum speed	1,200rpm
Power	Single-phase 100-120 V / 200-240 V 50Hz/60Hz
Power consumption	160w
Weight	95kg

OPTION

Sequin device ESQ-C	Seed beads device
Multi cording device Ⅱ	Lame attachment
Position marker	Laser cross marker
Beam sensor	LED light
Under thread winder	Stand trays



*The actual embroidery area and embroidery speed may vary depending on the items being produced, the machine model, and the embroidering conditions.
*Please inquire for details on options and embroidery frames.

Seller

Tajima Industries Ltd.

NO.1800 Ushiyama-cho, Kasugai, Aichi-pref. 486-0901, JAPAN
TEL 0568-90-6512,6514,6518
FAX 0568-90-6513,6515,6519

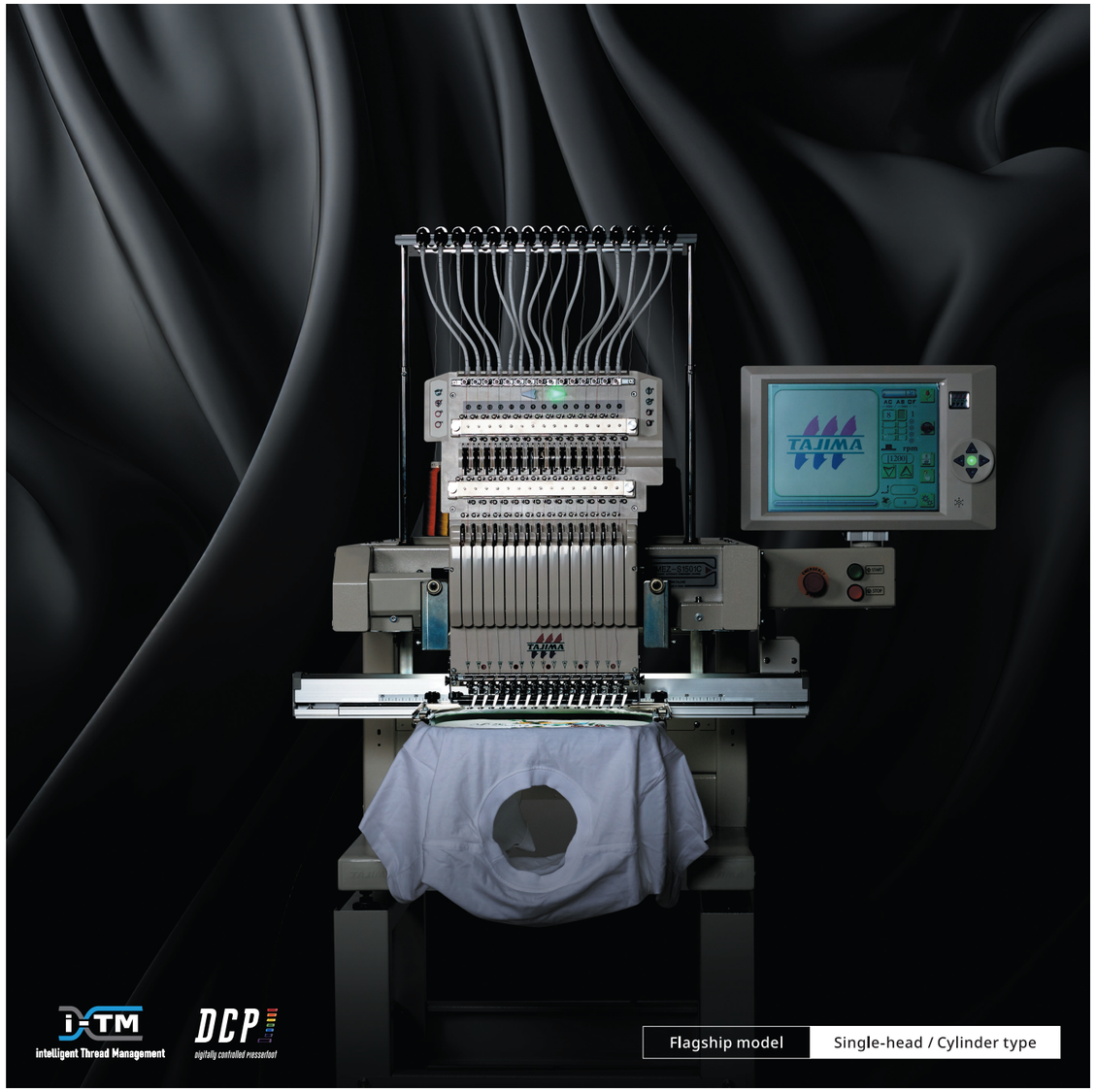
Manufacturer

TISM Co.,Ltd.

Tajima Group Official Website

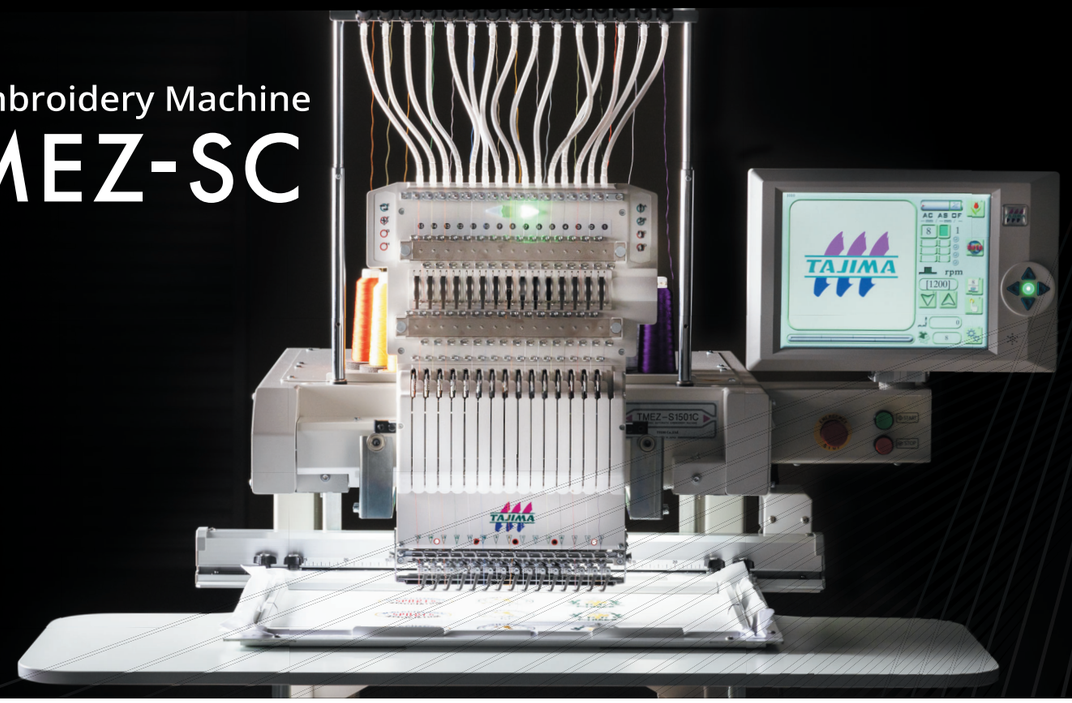
Please contact our distributor listed below.

TMEZ-SC



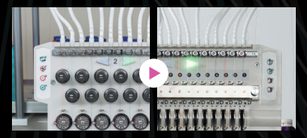
AI Embroidery Machine

TMEZ-SC



REALIZE YOUR VISION

TMEZ-SC can be the perfect solution for anyone in the embroidery business.
Equipped with Tajima's latest and most advanced technologies, this model automatically produces personalization and enables anyone to perform professional-quality embroidery.
It is also possible to launch an embroidery business at an early stage.



i-TM is installed in place of conventional thread tension knobs.

There are no knobs to adjust the thread tension, as is the case with conventional embroidery machines. Upper thread tension adjustment is no longer necessary.

12.1-inch touch panel

The large 12.1-inch operation panel—one of the largest in the industry—features convenient icons and allows you to switch the language used for operating the machine.

New thread trimming device eliminates the picker

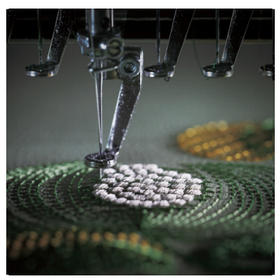
Eliminating the picker makes exchanging bobbins easier. It also provides more stable trimming and a 40% improvement over conventional machines in shortening thread tails on the reverse side of the fabric.

Design position adjustment function (corrects framing misalignment)

Even if the fabric pattern is slanted after framing, it can be corrected from the operation panel, with no need for repeated attempts to reframe.

High Quality, Stable Stitches with "i-TM" and "DCP"

i-TM and DCP realize high quality and stable stitches.
The need to adjust the upper thread tension according to the stitch, design, or material, as is done by skilled operators on conventional embroidery machines, is no longer necessary.



DCP digitally controlled presserfoot

The Digitally Controlled Presser foot (DCP)

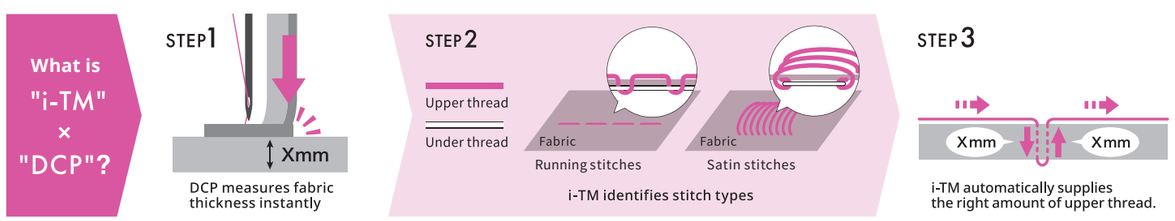
Digitally Controlled Presser foot (DCP) automatically applies proper pressure based on fabric thickness changes. DCP reduces fabric fluttering, ensuring stable and beautifully finished embroidery.

i-TM

Intelligent Thread Management (i-TM)

AI automatically adjusts the upper thread tension. Based on stitch data and the fabric thickness measured by DCP, the optimal thread supply is calculated, eliminating the need for

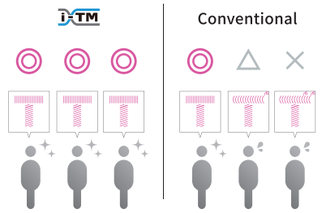
MECHANISM



SCENES

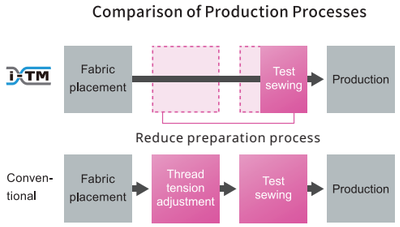
It is suited for personalization, monogramming and emblem processing on uniforms, hats, socks, bags,etc., as well as in-store embroidery processing.

Stable Quality & Productivity Improvements



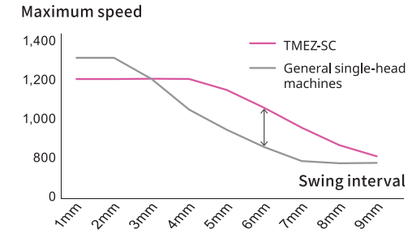
Always the same finish, even if the operator changes

Operators no longer need to make adjustments according to various conditions such as design, material, and humidity. With i-TM and DCP, stable production is always possible, regardless of operator skill.



Significantly reduced order-to-delivery lead time

The time required for trial sewing and adjustment can be reduced, and the speed can be increased with less worry of thread breakage, resulting in an estimated 30% reduction in processing time (compared to conventional machines).



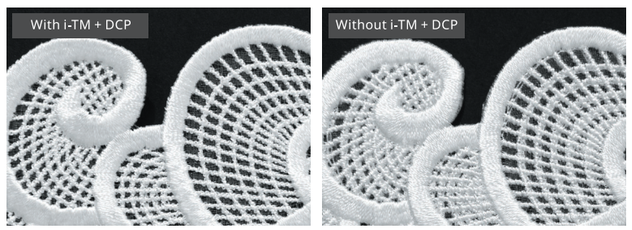
Maintains max RPM up to 4mm stitch

Generally, the longer the stitches, the lower the RPM, but the key is not to slow down too much for 3mm-7mm stitches, which are most commonly used for embroidery. TMEZ-SC maintains the highest RPM up to 4mm stitching and does not excessively reduce RPM for stitches between 3mm to 7mm.

CASE STUDY

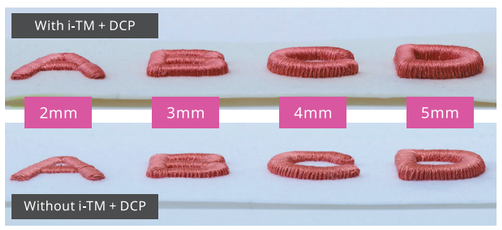
Anyone can automatically embroider stable,high quality stitches.

CASE 1 : Lace embroidery



In lace embroidery with both satin and running stitches, i-TM automatically calculates the upper thread amount, ensuring beautiful stitching with voluminous satin stitches and tight running stitches, without overcrowding.

CASE2 : 3D embroidery



The thickness of the urethane foam is measured for each stitch, DCP automatically applies proper pressure based on material thickness changes and the amount of thread supplied is automatically adjusted, allowing you to sew voluminous 3D embroidery without excessively crushing the urethane foam.