



TMEZ-KC

SERIES

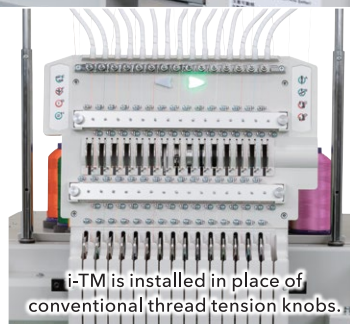
A New-Generation, AI Embroidery Machine

that changes norms at production sites



Equipped with
the industry's first technology

i-TM
intelligent Thread Management



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



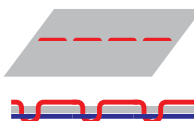
intelligent Thread Management



Automatic adjustment based on stitch type

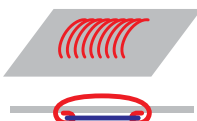
Thread amount automatically calculated according to stitch types

Run Stitches



The amount of upper thread supply is pre-determined for tight run stitches.

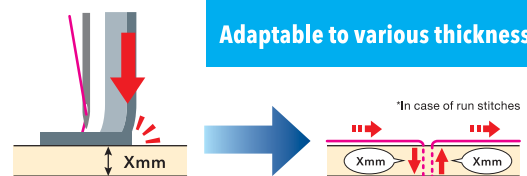
Satin Stitches



Soft sewing is performed for satin stitches to prevent fabric shrinkage.

Upper thread supply based on fabric thickness

Adaptable to various thicknesses



The presser foot detects the fabric thickness.

Extra thread (fabric thickness [Xmm] x 2) is added in the next stitch.

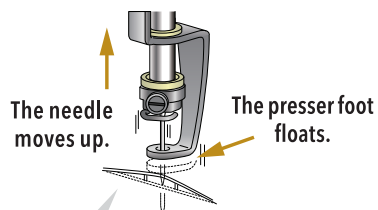
By automatically analyzing the stitch type and fabric thickness, i-TM supplies the optimal amount of thread for the best embroidery finish at all times.



DCP
digitally controlled presserfoot

Without DCP

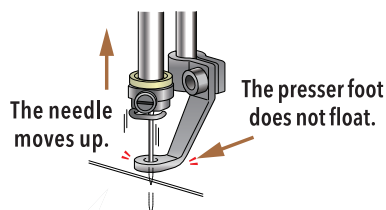
Fabric flutters.



Consequent stitch skipping,
trimming errors and uneven embroidery

With DCP

Fabric does not flutter.



More stable sewing

The digitally controlled presser foot reduces fluttering of the fabric and gives a precise and beautiful embroidery finish.

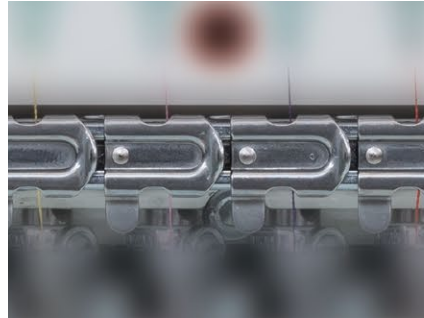
It is ideal for tough locations and materials that can easily flutter, such as sewing seams, leather, and thick and/or elastic fabrics.

Reinforcement of fundamental performance



Reinforced tubular frame arm

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



Reinforced upper thread lock

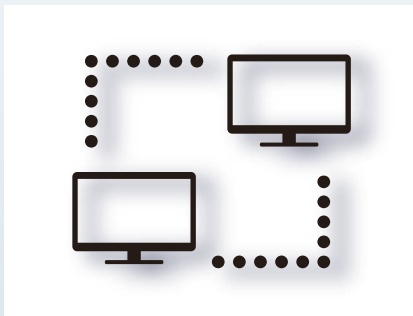
The upper thread lock has been reinforced so it can hold the thread on suspended heads more firmly to avoid thread cast-off and to reduce the occurrence of stitching issues at the start of embroidery.



Upgraded main shaft motor

The improved torque of the main shaft has led to smoother penetration, allowing stable embroidery even on thick materials like leather.

Other standard functions that enhance usability



Network connection support

Combined with Pulse software, users can build their own system as a tool for human error reduction and better production management.



New auto thread trimming device

The picker has been eliminated for easier under thread exchange. The whole trimming mechanism has also been redesigned for stable trimming under various conditions.



12.1-inch TFT touch panel

The large monitor allows intuitive operation of the panel.

An expert of embroidery on ready-made products

The industry's first "i-TM" (automatic upper thread tension adjustment) technology is now available on the multi-head cylinder-type machine that can mass produce ready-made products.

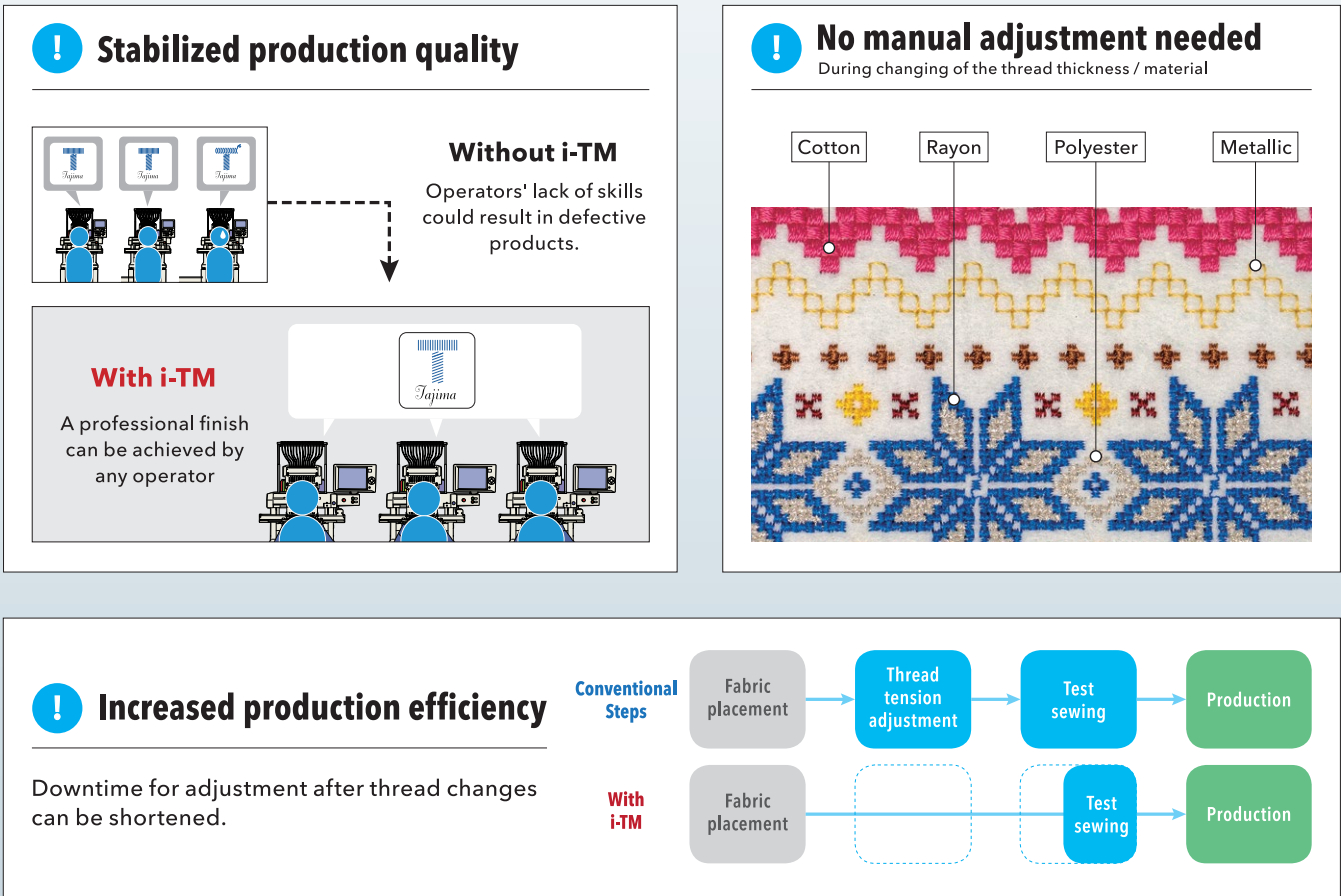
The "consistent" and "high-quality" finish helps to achieve richer embroidery expressions on finished products.

Cap embroidery enhanced in pursuit of higher productivity



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.

Changes norms at production sites



SPECIFICATION(S)

Model	No. of Needles	No. of Heads	Head Interval	Embroidery Area Per Head: Depth×Width (D×Wmm) [Inside Dimension]				A	B	C
				Normal	Wide Cap Frame	Cap Frame	Tubular Frame			
TMEZ-K0902C	9	2	500	450×500	75×360	83×180	439×419	2,260	1,355	1,730
TMEZ-K1202C	12	2	500	450×500			439×419	2,260	1,355	1,730
TMEZ-K1502C	15	2	500	450×500			439×419	2,260	1,355	1,730
TMEZ-K0904C	9	4	360	450×360			439×279	2,560	1,355	1,730
TMEZ-K1204C	12	4	360	450×360			439×279	2,560	1,355	1,730
TMEZ-K1504C	15	4	360	450×360			439×279	2,560	1,355	1,730
TMEZ-K0904C	9	4	500	450×500			439×419	3,260	1,355	1,740
TMEZ-K1204C	12	4	500	450×500			439×419	3,260	1,355	1,740
TMEZ-K1504C	15	4	500	450×500			439×419	3,260	1,355	1,740
TMEZ-K0906C	9	6	360	450×360			439×279	3,280	1,355	1,740
TMEZ-K1206C	12	6	360	450×360			439×279	3,280	1,355	1,740
TMEZ-K1506C	15	6	360	450×360			439×279	3,280	1,355	1,740
TMEZ-K0906C	9	6	500	450×500			439×419	4,260	1,355	1,740
TMEZ-K1206C	12	6	500	450×500			439×419	4,260	1,355	1,740
TMEZ-K1506C	15	6	500	450×500			439×419	4,260	1,355	1,740
TMEZ-K0908C	9	8	360	450×360			439×279	4,000	1,355	1,740
TMEZ-K1208C	12	8	360	450×360			439×279	4,000	1,355	1,740
TMEZ-K1508C	15	8	360	450×360			439×279	4,000	1,355	1,740
TMEZ-K0908C	9	8	500	450×500			439×419	5,260	1,355	1,740
TMEZ-K1208C	12	8	500	450×500			439×419	5,260	1,355	1,740
TMEZ-K1508C	15	8	500	450×500			439×419	5,260	1,355	1,740

Factory Option(s)

Position Marker

Option(s)

Beam Sensor, Multi Cording Device II *available after spring 2021

Optional Frames

Border Frame/Cap Frame/Pocket Frame

Speed

Max. 1,100 rpm

Power

3-Phase 200V
Single Phase 100V, 200V

Power Consumption

Max. 470W(910VA)

*The actual embroidery area and embroidery speed may vary depending on the items being produced, the machine model, and the embroidering conditions.

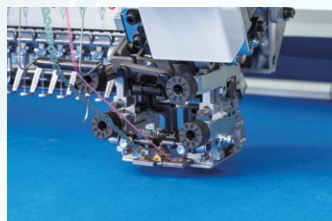
More about TMEZ-KC

TMEZ-KC Special Website

tajima.com/product/ez-kc/



OPTION(S)



ESQ-C *available after spring 2021

The complicated sequin application mechanism has been thoroughly redesigned, leading to quality improvement and minimization of adjustment time. The sequin types and sizes can now be more readily changed.



Seed Beads Device *available after spring 2021

Bead embroidery, traditionally performed manually by craftsmen, can now be mass-produced automatically with the seed beads device. The device is equipped with an easily-replaceable bead reel table.



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