

i-TM

intelligent - Thread Management

THE WORLD'S FIRST

✓ Automatic thread tension adjustment without skilled operators.

✓ Higher embroidery quality is achieved by using a digitally controlled thread tension system.

THE WORLD'S FIRST
An innovative embroidery
machine without manual
thread tension adjustment.

i-TM gives you to stable
embroidery and higher production.

TMEZ-S1501C

intelligent Thread M



A variety of features to support managers and operators.

1 Digitally managed embroidery finish

The optimum thread tension can always be obtained to suit the stitch characteristics. Non-experienced operators can get to work straight away.

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Satin stitches will be completed with a softer finish.

Running stitches will be tightly finished.

Note:
The stitch tension no matter which type of stitch, Satin or Running can be separately adjusted using the operation panel.

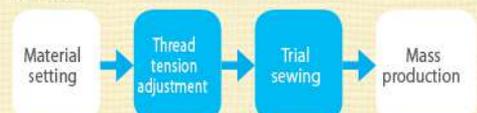
2 Improved production efficiency

Upper thread tension adjustment is done in one setting for all heads. Saves on the processing for embroidery production, quickly enabling full production.

i-TM



No i-TM



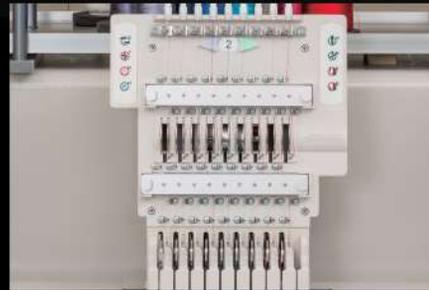
i-TM solves these issues

No i-TM



- ▼ Embroidery trouble by twisted thread recoil.
- ▼ Requires operator skill and experience.
- ▼ The quality of the embroidery finish is uneven.
- ▼ Fabric is easily distorted by embroidery pulling.
- ▼ Requires thread tension adjustment after replacing thread.

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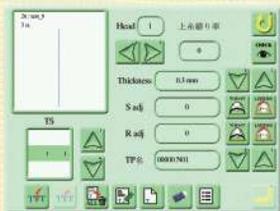


▲ i-TM improves these issues!



Management

3 Achieving a uniform embroidery finish



Operation Panel

Suppresses inconsistency in the finish of all heads, since it enables embroidery with the same uniform upper thread tension.



Thread tension adjustment data can be exported to other i-TM equipped machines using a USB memory device.

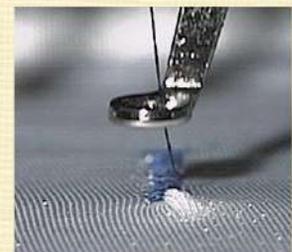
If you read in the thread tension adjustment data, you will get the same finish on all machines that have i-TM installed!

4 Fabric shrinkage is reduced

By supplying the upper thread for the next stitch in advance (advance feeding), the fabric will not crease easily, and a beautiful finish can be obtained.

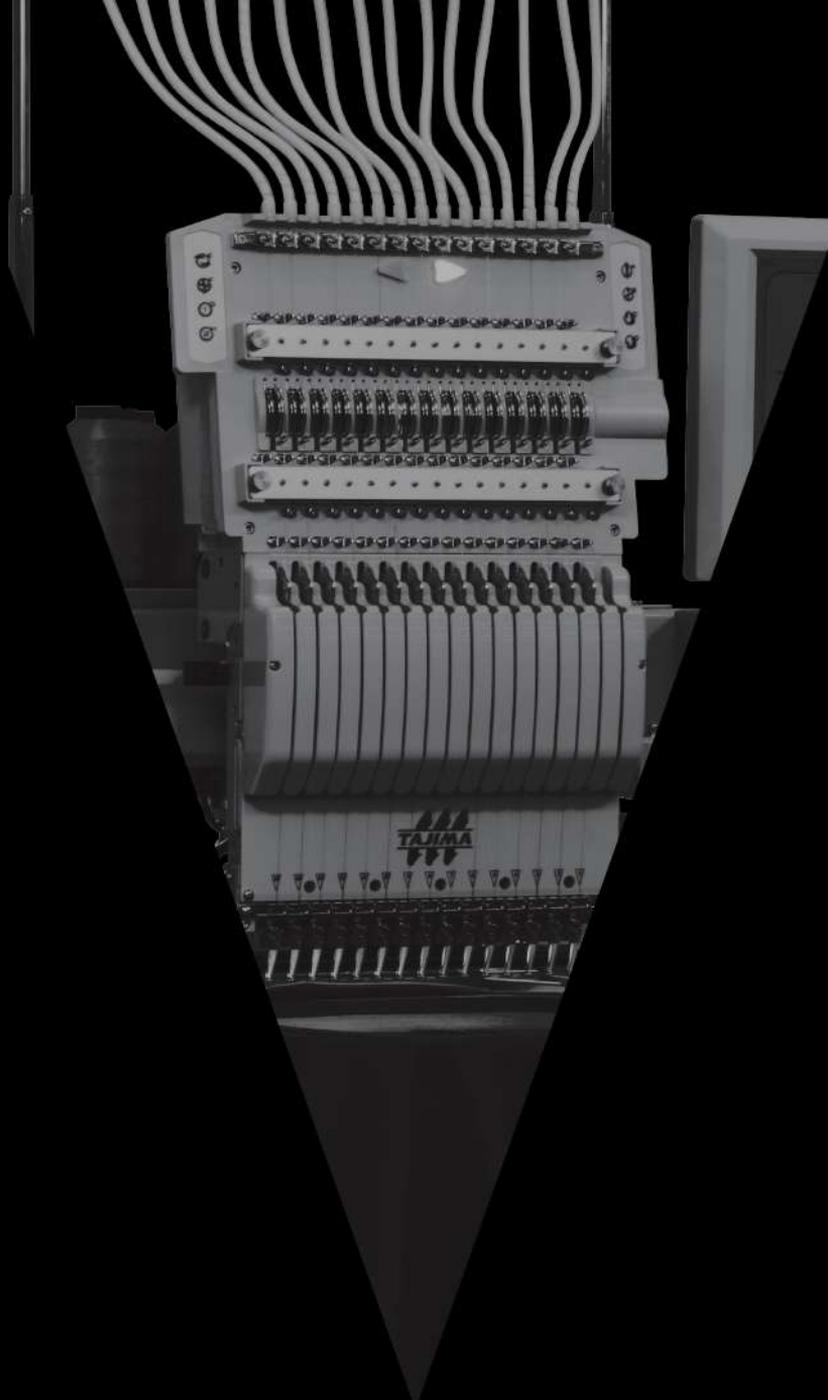


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Creases can sometimes occur, depending on the fabric sewing conditions.



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



<http://www.tajima.com>



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Manufacturer

TISM Co.,Ltd.

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