

The creative approach to fashion:

With a small twist, an interesting design or a delicious fragrance, an ordinary, everyday scene starts to look different. It's the same way with the art of looking good. Toss out conventional ideas and jump into something new. We at Tajima want to help strengthen the bonds between the clothes and the wearer and help you create more exciting fashions.



you explore new fashion frontiers.

Reliable and beautiful
Miss. Sophisticate



Multi-Head Automatic Embroidery Machine

Multi-head Automatic Embroidery Machines

TAJIMA

TMEF-H

TMEF-H900 · 600 Series

TAJIMA

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TMEF-H Series

| Models | Heads | Head interval | Emb. space (D x W mm) | | Table size (L x W mm) |
|---------------|-------|---------------|-----------------------|--------------------------|-----------------------|
| | | | All-head | Border/Continuous design | |
| TMEF-H608-908 | 8 | 400 | 450 x 400 | 450 x 3,200 | 1,340 x 4,220 |
| TMEF-H610-910 | 10 | 325 | 450 x 325 | 450 x 3,250 | 1,340 x 4,195 |
| TMEF-H610-910 | 10 | 400 | 450 x 400 | 450 x 4,000 | 1,340 x 5,020 |
| TMEF-H612-912 | 12 | 275 | 450 x 275(550) | 450 x 3,300 | 1,340 x 4,470 |
| TMEF-H612-912 | 12 | 345 | 450 x 345 | 450 x 4,140 | 1,340 x 5,110 |
| TMEF-H615-915 | 15 | 275 | 450 x 275 | 450 x 4,125 | 1,340 x 5,020 |
| TMEF-H616 | 16 | 240 | 450 x 240(480) | 450 x 3,840 | 1,340 x 4,960 |
| TMEF-H618 | 18 | 230 | 450 x 230 | 450 x 4,140 | 1,340 x 5,010 |
| TMEF-H620 | 20 | 200 | 450 x 200(400) | 450 x 4,000 | 1,340 x 5,020 |

Specifications

| | |
|----------------------|--|
| Standard equipment | 8-channel tape reader |
| Options | Additional IC Multiplex Memory (256,000 stitches max.), Under thread control, Boring device, Reader/Handler, Stitch processor, Floppy disk drive, Power condenser etc. |
| Stitch length | Ternary scale: 0.1~12.1mm, Binary scale: 0.1~12.7mm |
| Speed | 250~800 rpm |
| Motor | Speed variable motor x 1, Stepping motor x 2 |
| Electricity | 3-phase 220V/380V, 50Hz/60Hz Single-phase 200V, 220V, 230V, 240V, 50Hz/60Hz |
| Electric consumption | 1.0kw (3 phase 200V) |

Remarks: * The above indicated speed may require to be changed according to embroidery conditions.
* We reserve the right to change the specification without previous notice for improvement.

That special touch of beauty:

The pursuit of beauty is eternal. Everyone has some special quality, and some take the adventurous path in highlighting it. Today, attention is focusing on embroidery, which adds beauty and imagination to clothing and accessories. We at Tajima want to help you achieve those moments of creativity and realize them sensitively, vividly, and any way you desire.



Stimulating your creativity and helping



Easy, fast and productive.
The state-of-the-art technology of the TMEF-H series makes it "the specialist."

The TMEF-H series of electronic embroidery machines combine state-of-the-art technologies for matchless speed and ease of operation, high productivity, low cost and a wide range of functions. With its energy- and work-efficiency, you are assured precise, beautiful finishing and stable production.

series Bridge Type

TMEF-H



Main Features and Functions for the H-series:

- **Accurate Frame Drive:**
For stable frame driving, special stepping (pulse) motors are used. These motors feature an almost permanent life and pin-point accuracy.
- **Automatic Needle Bar Selector (Patented):**
Colors (needle bars) can be selected up to 99 times in any desired sequence.
- **Thread Tension Releasing Device (Patented):**
During sewing, tension is automatically released on all unused threads.
- **Independent Take-up Lever Drive System:**
The take-up lever only for the needle bar being used, operates while the other levers are at rest; this prevents the threads from being entangled. This system also allows the threads to run smoothly

- for constant ATH trimming.
- **Both Binary and Ternary tape formats can be used.**
- **Speed Change:**
Speeds can be automatically changed between High and Low ranges by tape code data; key operations also allow you to adjust the speeds as required.
- **Design Coordinate:**
A design can be mirrored both horizontally and vertically and also rotated in 90-degree increments; 8-different positions can be created.
- **Memory System:**
Up to 99 designs can be memorized in this system, with the remaining capacity displayed in stitches. (A standard 128,000-stitch memory card is included.)
- **Automatic Repeat:**
A design can be repeatedly stitched up to 9 times during memory operation.

- **Frame Back Function:**
When a design is damaged by thread breakage, the frame can be stitched back for repairs up to 500 stitches during memory and tape operation. Also, as soon as the single-head operation to restitch the damaged part is completed, the other heads restart sewing.
- **Frame Forward:**
The frame can be stepped forward without stitching up to the end of the design.
- **Scaling Up/Down Function:**
A design can be scaled up or down in 1-% increments from 50% up to 200%.
- **Return Origin:**
Simple key operations return the frame to the design starting point.

- **Offset Function:**
In addition to the design starting point, a secondary starting point can be set for automatic operation; this function facilitates frame changing, thread-trimming, etc.
- **Display Function:**
Various messages are digitally displayed: R.P.M., available memory, stitch count, stop factors, emergency stop codes, etc.
- **Automatic Thread Trimming (ATH):**
This device has the function of trimming both upper and under threads automatically at the same time by pre-punched tape code when an embroidery is completed, color change is performed, or stitching is jumped from one design to another.