

# TMCE-S

Multi-head Automatic Embroidery Machines

# TAJIMA

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## Multi-head Electronic Chain-stitch Chenille Embroidery Machine TMCE-S100 Series



### ■ Model TMCE-S100 Series:

Models	TMCE-S106	TMCE-S108	TMCE-S110	TMCE-S112	
No. of heads	6	8	10	12	
Head interval	460	360	295	275(550)	
Embroidery dimensions (D x W mm)	All-head-use (Alternate-head-use)	450 x 460	450 x 360	450 x 295	450 x 275(550)
	Border/Continuous design	450 x 2,760	450 x 2,880	450 x 2,950	450 x 3,300
Table dimensions (L x W)	1,280 x 3,980	1,280 x 4,000	1,280 x 3,995	1,280 x 4,590	
Standard Equipment	IC multiplex memory (64,000 stitches, up to 30 designs), Frame forward, Coordinate change function, Return function, Frame stepping function, 8 ch. tape reader				
Options	IC multiplex memory (Maximum of 256,000 stitches), Cording attachment, Handler/Reader, Floppy disk drive				

### ■ Specifications:

Stitch length	0.1 mm to max. 5 mm
Motor speeds	120 r.p.m. to 450 r.p.m.
Motor	Speed variable motor (1 unit), Stepping motor (3 units)
Electrical specifications	3-phase 220V/380V, 50Hz/60Hz
	Single 200V, 220V, 230V, 240V: 50Hz/60Hz
Power consumption	1.5Kw

※The above indicated speed may require to be changed according to a design.

※We reserve the right to change the specification without previous notice for improvement.

Distributor

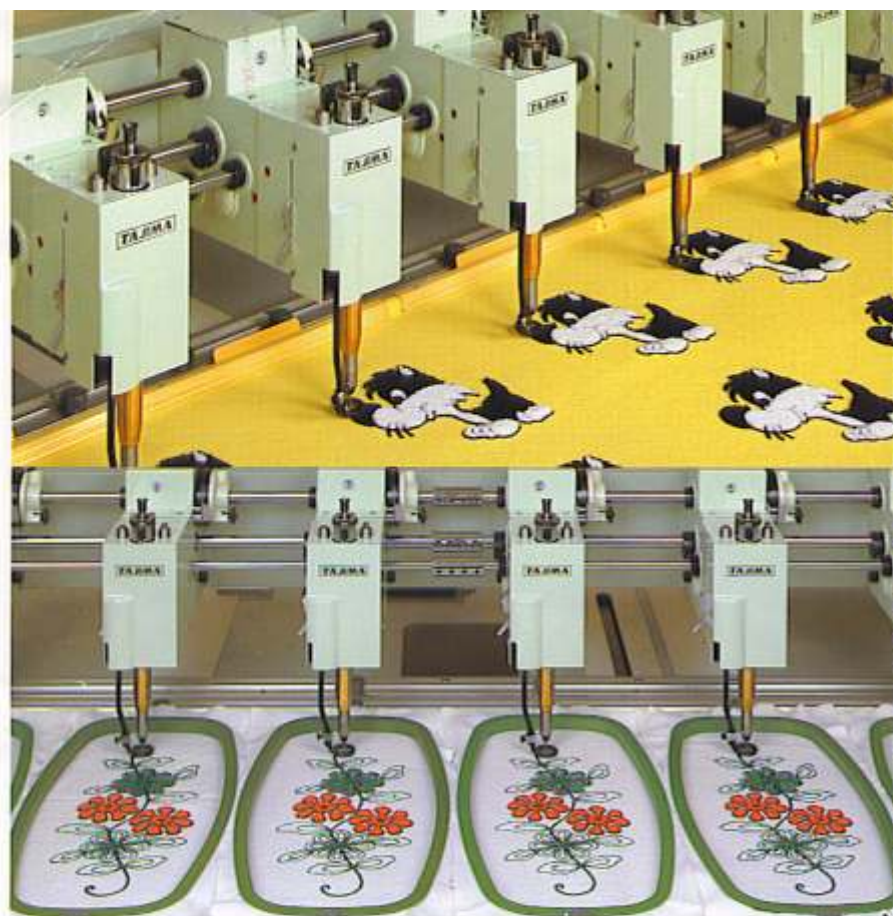
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## World-First Multi-head Electronic Chenille Embroidery Machines!



**TMCE-S100 Series**

After many years of research and development, TAJIMA is now proud to offer the latest version of our well-known chenille embroidery machine, the new model TMCE-S100 series. Utilizing our up-to-date technology (covered by over 10 patents in 10 countries), this new series represents the first and most advanced electronically controlled multi-head chenille embroidery machine of its kind in the world.

The TMCE-S100 series is truly epoch-making! TAJIMA has solved, in a single stroke, a number of problems inherent in conventional hand-made chenille products. Only a handful of experts are able to hand-embroider one piece at a time, but even for those skilled embroiderers it is difficult to maintain a constant and uniform quality of their work.

Controlled by punched tapes (or disks), and run even by unskilled operators, this new model produces a high volume of constant, excellent quality chenille embroidered goods using Moss and/or Chain stitches as well as Cording. Combining these various stitches, a wide range of highly valued merchandise can be produced on these state-of-the-art machines. The one-thread-stitching method allows high quality chenille embroidery to be mass-produced on all types of fabrics from light to heavy, from woven to knitted. Various kinds of thread including even loosely twisted yarns can be used to best match the fabric.

**\* Main applications:**

Table cloth, Table napkins, Bedclothes, Women's wear, Children's wear, Sweaters, Emblems, Blankets, Blouses, etc.

### [Main Features]

- **Automatic Stitch Change (Pat.)**  
Tape instructions will automatically switch between Moss stitch and Chain stitch.
- **Automatic Needle Height Adjusting Mechanism (Pat.)**  
Depending on the stitching conditions, the needle height can be either manually or automatically adjusted within 10 steps for the optimum stitching.
- **Automatic Chain Stitch Tie-off**  
At the completion of the Moss stitch, the tie-off is automatically made by the Chain stitch to avoid the loosening of thread.
- **Automatic Lift-up Mechanism (Pat.)**  
Tape data will automatically lift the presser foot up to 21 mm at a stop code, tape end code, or at the time of frame skips (slides) for easier framing and so on.
- **Flexible Speed Setting**  
The variable speed motor allows the speeds to be set as desired.
- **Thread Break Detect Function**  
The machine will automatically come to a halt when thread breaks.
- **New Loooper Adopted (Pat.)**  
Threads will be sewn without fail at the start of stitching.
- **Higher Productivity**  
Stitched products will appear more full with less stitches when compared with lock-stitch embroideries, leading to higher productivity.
- **Supply of Design Tapes**  
Design tapes will be easily prepared on all types of Tajima electronic punching machines.