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TMEX-C901



Main Features and Functions

- **Automatic Needle Bar Selector (Patented):**
Colors (Needle Bars) can be selected up to 99 times in any desired sequence.
- **Independent Take-up Lever Drive System (Patented):**
Only the Take-up Lever 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.
- **Individual Tension Bases:**
The new Individual Tension Base moves simultaneously with the Needle Bar Case during color changes, ensuring optimum thread tension.
- **Built-in Floppy Disk Drive (3.5-inch FDD):**
It is possible to read from and write to TAJIMA formatted Floppy Disks. Formats of other manufacturers can also be used. One Floppy Disk can contain up to 111 designs in the maximum number of 240,000 stitches.
- **Ternary/Binary Tape Formats:**
Automatic selection between Ternary and Binary Tape Formats is possible.
- **Mirror, Rotate, Scale:**
You can scale your embroidery designs down to 50% or up to 200% in increments of 1% in X and/or Y directions, and rotate in 1-degree increments.
- **Satin Stitch Expansion:**
The width of satin stitches can be expanded from 0.1 mm to 1.0 mm (provided stitch density does not exceed 1.0 mm).
- **Design Editing:**
Delete, expand or modify your embroidery design will help from the "function search" mechanism.
- **Automatic Repeat:**
A design can be automatically repeated up to 99 times both vertically and horizontally.
- **Memory Capacity (Max. 640,000 Stitches):**
A standard 128,000-stitch memory capacity can accommodate up to 99 designs with the remaining capacity displayed in stitches.
- **Main Shaft Drive Mechanism:**
Servo control of Main Shaft ensures stable sewing at all speeds.
- **Smooth Automatic Speed Control:**
The Machine automatically controls speed depending on stitch length to obtain the best speed for each design. The speed can be set as required using the jog dial.
- **Automatic Offset/Manual Offset:**
To facilitate applique works, and frame changing, the frame can be automatically moved to the preset Offset Point. After the tasks are completed, the frame can be returned to the point where the Offset movement began. Also, even if the frame has been moved using the Manual Frame Travel Keys while the Machine is stopped, simple key operations enable the frame to return to the previous stitch point.
- **Origin Return:**
The Frame can be either manually or automatically returned to the Design Starting Point (while the machine is stopped), even if the End Point is different from the Starting Point.
- **Frame Back:**
When a problem such as skipped stitches has occurred during embroidery, you can return the frame — either stitch by stitch or in color change units — to mend the design.
- **Automatic Thread Trimming & Holding Device (ATH):**
The ATH device can be automatically operated for trimming both the upper and under threads by a command in the design data, improving the finishing and productivity. (Other than design data, key operations can operate the ATH at the desired point.)
- **Network System NW-II (Option):**
The TMEX-C series can also be used as an instant Monogram Maker, data and operations of other machines can be controlled through a communications Network.

TMEX-C Series

Model	Head	Emb. space per head (D x W)		Inner space		Table size (L x W mm)
		NORMAL	WIDE CAP FRAME	SEMI-WIDE CAP FRAME	TUBULAR FRAME	
TMEX-C901	1	280 x 500	75 x 360	83 x 180	300 x 423	890 x 1,190

Option	ML-50, Wide Cap Frame Unit, Tubular Frame, Additional IC Multiplex Memory (512,000 stitches), Cording Device, Boring Device, FM Note, NW-II, Border Frame with Clip, Stand, etc.
Stitch length	Ternary scale: 0.1-12.1 mm Binary scale: 0.1-12.7 mm
Speed	Max. 1,200 r.p.m.
Motor	Variable Speed Motor x 1, Stepping Motor x 2
Electricity	Single-phase 100, 110, 120, 200, 220, 240V (Auto Select), 50Hz/60Hz
Power consumption	400W

Remarks: ※Embroidery space of the wide cap frame varies depending on a model and/or caps to be used.
 ※We reserve the right to change the specification for improvement without previous notice.
 ※Speeds vary with embroidery conditions.

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