TMCR-VF

SERIES

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Electronic Multi-head Automatic Embroidery Machine

The ultimate flagship model with unsurpassed flexibility powered by sophisticated features.
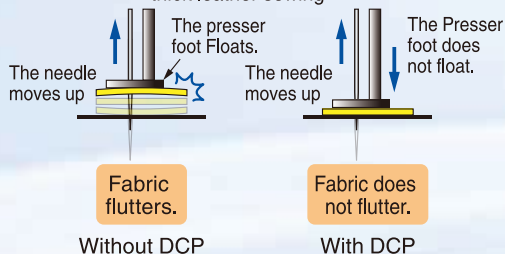
Features

Incorporation of the Digitally Controlled Presser Foot for secure fabric stability.

DCP

The DCP can reduce fabric fluttering that occurs during embroidery.
It is especially effective when working thick fabric, very thin fabric, and folds of material.

Example : Difference of "Fluttering" upon thick leather sewing

The presser foot Floats.

The needle moves up

The needle moves up

The Presser foot does not float.

Fabric flutters.

Fabric does not flutter.

Without DCP

With DCP

View by video clip.

What is "fluttering"? "Fluttering" occurs when the material is lifted up during embroidery which causes skipped stitches, miss-trimming, and reduced quality stitching.
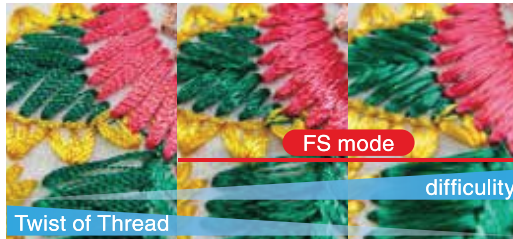
The DCP can be adjusted randomly according to the material thickness on the operation panel. It simplifies the mechanical process that was previously required and time consuming.

※DCP stands for Digitally Controlled Presser foot.

Incorporation of the FS Mode.

To accommodate loosely twisted or thick thread that has been difficult to use for embroidery, we have designed the FS Mode function to provide stitch stability and improved embroidery quality. When using the FS Mode the RPM is restricted. A decrease in production can be kept to a minimum by setting the FS mode to individual needles instead of all needles on the TMCR.

FS mode

difficulity

Twist of Thread

FS mode optional parts

DBxK5 Z1 FS

Needle Plate for FS mode

Thread guide

Direct command switches

Various operation switches and multi-color LEDs are located on the each tension base. Since all of the main functions of the operation panel can be manipulated in front of each head, the working efficiency of operators has been improved. Commonly used functions may be assigned to the custom switches. (Scheduled for 2016)

Frame back, forward

Auto Trim & Hold

Custom Switch ①

Custom Switch ②

L-side

Head ON Switch

Head OFF Switch

Presser Foot UP

Presser Foot DOWN

R-side

New Sequin Device "ESQ-C"

After simplifying the complicated application of sequins on a large scale, quality improvement and the minimizing of adjustment time has been realized. It has become much easier to change the type and size of sequin at will. The linked bead attachment can also be added as an option.

• Supported Sequin size : 3mm dia to 9mm dia. front hole eccentric sequins
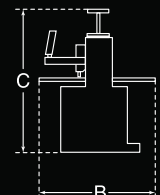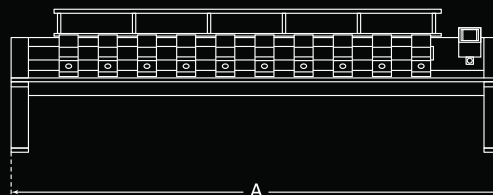• Sold separately : 2mm size attachment, Beads device attachment

Sequin

Beads

Model	Needles	Multicolor heads	Head interval	Embroidery space [mm] D × W	A	B	C
TMCR-V1204F	12	4	400S	680 × 400	2,865	1,820	1,535
TMCR-V1512F	15	12	345S	550 × 345	5,455	1,610	1,635
TMCR-V1512F	15	12	345S	680 × 345	5,455	1,820	1,635
TMCR-V1215F	12	15	400S	680 × 400	7,365	1,820	1,635
TMCR-V0918F	9	18	400S	680 × 400	8,565	1,820	1,635
TMCR-V0918F	9	18	400S	800 × 400	8,565	2,080	1,635
TMCR-V0918F	9	18	400S	1000 × 400	8,565	2,480	1,635
TMCR-V0918F	9	18	400D（W）	1,200 × 400（800）	9,055	2,880	1,735
TMCR-V0620F	6	20	200D（W）	550 × 200（400）	5,365	1,610	1,635
TMCR-V0620F	6	20	200D（W）	680 × 200（400）	5,365	1,820	1,635
TMCR-V0920F	9	20	330S	550 × 330	7,915	1,610	1,635
TMCR-V0920F	9	20	330S	680 × 330	7,915	1,820	1,635
TMCR-V0930F	9	30	240DE（WE）	680 × 240（480）	8,905	1,820	1,635
TMCR-V0930F	9	30	240DE（WE）	800 × 240（480）	8,905	2,080	1,635
TMCR-V0930F	9	30	240DE（WE）	1,500 × 240（480）	8,905	3,480	1,635

Factory options	Automatic lubrication system、Automatic frame changer、SBC、UBCⅡ、ESQ-C（New Sequin Device twin type）、Position marker
Options	Multi Cording Device, Beam Sensor

Revolution	Max. 1,100 rpm
Power consumption	1.4KW
Power supply	3-phase　200〜240 / 380 / 415V　50 / 60Hz Single-phase　200〜240V

※The practical embroidery space and the rotational speed vary depending on embroidery product, machine model, and operating conditions.
※No registered trademark or design of the products contained in this catalog may be used without prior permission.

Dealer option

View by video clip.

Multi cording Device

Due to the Digitally Controlled Presser Foot, up to six different colors/types of cord can be utilized.
This combined with regular embroidery provides endless possibilities for expression.

HIRSCH SOLUTIONS