

AFC -Automatic Frame Changer-

A device for continuous embroidery with fabric in roll, based on the result and reliability through many years.

Tajima's proven technology has brought high-precision automatic frame exchange to reality.

Introduction of various mechanisms down to details provides stable stitching to many diversified kinds of fabrics.



Features

- Feature 1** Fabric holding system
Fabric clamping device <PAT.P>, using a new mechanism, enables to hold securely even thin fabrics.
- Feature 2** Precision feed of fabrics
Precision frame feed has been realized with fabric serpentine feed preventing mechanism.
- Feature 3** Fabric stretching mechanism (Adjustable)
A stretching mechanism enables to stretch fabrics to be embroidered with proper tension according to their type.
- Feature 4** Frame feed function (Only for TFGN Series)
The intervals between designs can be set as you like by using this function. Greater diversity of embroidery expressions will be available in combination with coordinate conversion function.
- Feature 5** Air pressure sensor (Only for TFGN Series)
Introduction of air pressure sensor prevents the troubles, caused by decreased air pressure.

Mechanisms



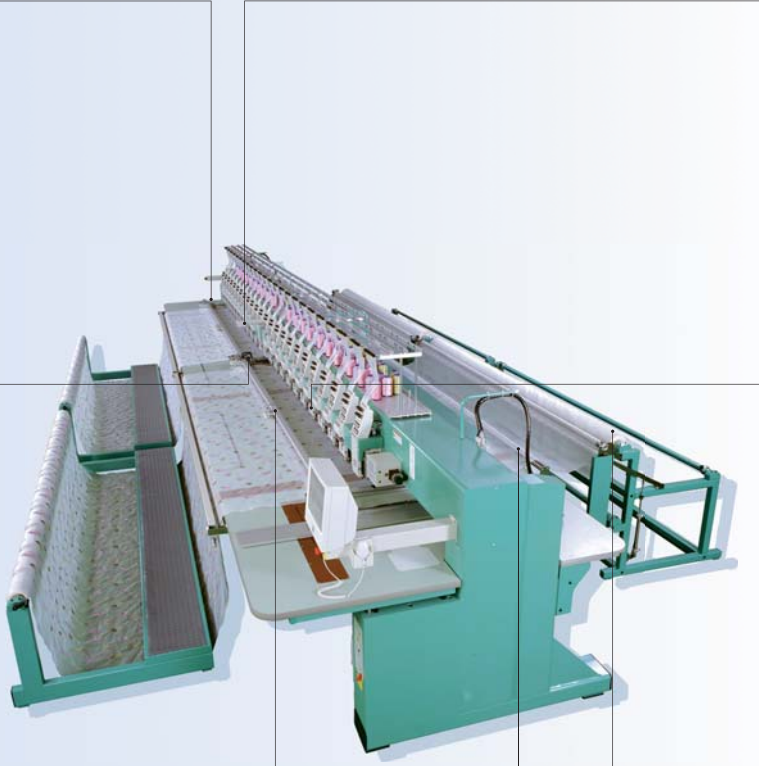
Fabric clamping device
Fixes fabric securely, providing appropriate tension to the fabric.



Fabric clamping device



Fabric clamping device



Valve switch box
Enables to operate frame changing mechanisms individually. (Option)



Needle base presser
Prevents fabric from being displaced while the fabric is fed.



Fabric serpentine feed preventing mechanism
Fabric is fed in the stretched conditions to realize stabilized fabric feed, free from serpentine.



Major Models

TFGN series

	Embroidery Machine	Models	Needles	Heads	Head Interval	Emb. Space (D) mm	Continuous Emb. Space (W) mm
One Roll	TFGN-612 (680 x 240)W	AFC-120SF	6	12	240	505	2,880
Two Roll	TFGN-624 (680 x 275)W	AFC-100WF	6	10 x 2	275	505	2,750
Three Roll	TFGN-624 (680 x 200)W	AFC-60TF	6	6 x 3	200	505	1,200

Applicable models TFGN, TLMX series

Speed Max. 800 rpm

Option Air compressor 100VAC (0.2kw, Max. 0.7 Mpa)

* The rotational speed shows the Max. speed when used with AFC.

* Rotational speed may vary, depending on the applicable conditions, machine models.

* Stitching result may vary depending on the thickness or material of embroidered fabric.

It is recommended to consult with your local distributor in your market beforehand.

* Special models are available upon consultation.

Tajima Industries Ltd.

19-22, Shirakabe 3-chome, Higashi-ku Nagoya 461-0011 JAPAN
TELEPHONE81-52-932-3444, 3445 FACSIMILE81-52-932-2457, 3449
<http://www.tajima.com>

**Tokai Industrial
Sewing Machine Co.,Ltd.**

No. 1800 Ushiyama-cho, Kasugai Aichi-pre. 486-0901 JAPAN
TELEPHONE81-568-33-1161 FACSIMILE81-568-33-1191