

● TFGNII Series Catalog

# TFGNII

## Series

Multi-head Automatic Embroidery Machine



High-end model making the most use of TAJIMA's technologies

High-grade machine having extended functionality and superior performance



Multi-head Automatic Embroidery Machines

# *TFGN II*

## *Series*



High-end model making the most use of TAJIMA's technologies

The TFGN Series, TAJIMA's flagship model, has just been renewed.

See for yourself, add comma the high productivity  
and higher added value that Tajima embroidery machines provide.



## Features

### High Work Efficiency

The newly designed middle thread guide<PAT.P>has halved the thread setting time for one needle compared with our conventional parts. You can set thread tension easily.



### Value-added Product Making

※Thick thread is applicable to the needle sizes of #16 and more, which are only available by DB K5-Z3 (TAJIMA exclusive needle).  
 ※Thick thread replacing parts kit is available on option.

Since needle sizes from #9 to #18 can be used, the applicable thread variety from thin thread to thick thread has expanded dramatically. When the Thick thread replacing parts kit attachable/detachable by one-touch operation is used, thick thread embroidery can be done easily. Furthermore, when some refinements are added to the design data, more unique, higher value-added products can be produced.



### Stable stitching

In order to keep up stable quality, thread condition should be adjusted according to thread type, fabric and design. The tension and stroke of the thread take-up spring, which have been adjusted for each head, can now be adjusted for each needle bar. Since the adjustment can be made according to thread type and stitching method, product quality can be further enhanced.



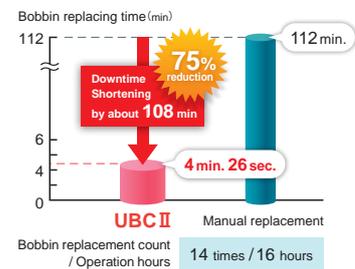
## Option

### For Higher Productivity

The Bobbin Changer II <PAT> allows the bobbin threads of all heads to be replaced simultaneously. The automatic bobbin thread replacement has substantially saved time, improving production efficiency to a great extent, and drastically decreases the work burden on each operator.



#### Production Efficiency / Work Efficiency



TFGN II	TFGN II	TFGN II	TFGN II	TFGN II	TFGN II	TFGN II	TFGN II	TFGN II	TFGN II		
Model	Needle	Head	Head Interval	Embroidery Space Depth × Width (D × W <sub>mm</sub> )	Embroidery Space Continuous Design (mm)	A Overall Width (mm)	B Back (mm)	C Overall Height (mm)			
TFGN II - 620	6	20	200W	550×200 (400)	4,000	5,210	1,540	1,630			
TFGN II - 620	6	20	200W	680×200 (400)	4,000	5,210	1,800	1,630			
TFGN II - 912	9	12	345	550×345	4,140	5,300	1,540	1,630			
TFGN II - 912	9	12	345	680×345	4,140	5,300	1,800	1,630			
TFGN II - 1212	12	12	345	550×345	4,140	5,300	1,540	1,630			
TFGN II - 1212	12	12	345	680×345	4,140	5,300	1,800	1,630			
TFGN II - 1215	12	15	400	680×400	6,000	7,330	1,800	1,630			
TFGN II - 918	9	18	400	680×400	7,200	8,530	1,800	1,630			
TFGN II - 918	9	18	400	800×400	7,200	8,530	2,040	1,630			
TFGN II - 918	9	18	400	1000×400	7,200	8,530	2,440	1,630			
TFGN II - 918	9	18	400W	1,200×400 (800)	7,200	9,020	2,840	1,630			
TFGN II - 920	9	20	330	550×330	6,600	7,880	1,540	1,630			
TFGN II - 920	9	20	330	680×330	6,600	7,880	1,800	1,630			
TFGN II - 1220	12	20	330	550×330	6,600	7,880	1,540	1,630			
TFGN II - 920	9	20	330WE	1,200×330 (660)	6,600	8,650	2,840	1,630			
TFGN II - 930	9	30	240WE	1,500×240 (480)	7,200	8,870	3,440	1,630			
				Normal	Wide Cap Frame	Semi-wide Cap Frame	Tubular Frame	Cylindrical Frame (Clamp/Clip)			
TFGN II - C912	9	12	360	450×360	75×360	83×180	439×279	170×60 (100/75×140)	5,980	1,640	1,670
TFGN II - C1212	12	12	360	450×360					5,980	1,640	1,670
TFGN II - C1512	15	12	360	450×360					5,980	1,640	1,670
TFGN II - C912	9	12	400	450×400					6,550	1,640	1,670
TFGN II - C1212	12	12	400	450×400					6,550	1,640	1,670
TFGN II - C1512	15	12	400	450×400					6,550	1,640	1,670
TFGN II - C912	9	12	460	450×460					7,380	1,640	1,670
TFGN II - C1212	12	12	460	450×460					7,380	1,640	1,670
TFGN II - C1512	15	12	460	450×460					7,380	1,640	1,670
TFGN II - C915	9	15	360	450×360					7,060	1,640	1,670
TFGN II - C1215	12	15	360	450×360					7,060	1,640	1,670
TFGN II - C1515	15	15	360	450×360					7,060	1,640	1,670

<b>Factory option</b>	Automatic lubrication system, Bobbin Changer II, Auto Frame Changer, Sequin Device IV, Sequin Device III Twin Type, Zigzag Cording Device, Position Marker (not applicable with cap frames)	<b>Power</b>	3-phase : 200/220/240/380/400/415/440V, 50Hz/60Hz Single-phase : 200/220/230/240V, 50Hz/60Hz
<b>Option</b>	High-speed Cording Device, Boring Device (not applicable with cap frames), Emb. Lame Attachment, Cap Frame (TFGN II-C Series), Cylindrical Frame (TFGN II-C Series)	<b>Speed</b>	Max. 1,100 rpm
		<b>Power Consumption</b>	1.8 kw

※The Ball screw drive system is applicable to the TFGN II Series with a total machine length of more than 5,755mm (5,845mm for cross type Z-spec. drive system) (TFGN II-C Series is excluded.)  
 ※Consultation for orders of special embroidery machines is also available by specifying embroidery space, number of heads, number of needles etc.  
 ※No design or registered trademark of the products contained in this catalogue may be used without prior permission.  
 ※Rotational speed may vary, depending on the applicable conditions, machine models or frame types.

Factory option



**Auto Frame Changer**  
An automatic frame changing device for continuous fabric embroidery



**Sequin Device IV**  
A device for embroidering various sequins: small-diameter sequins, large-diameter sequins, irregular-shape sequins and eccentric sequins



**Sequin Device III [Twin Type] <PAT>**  
A device for embroidering 2 different sequins by freely switching them at high revolving speed



**Zigzag Cording Device**  
A cording embroidery device for stitching thin cords and design threads

○ The specifications and designs of our products are subject to change without notice for performance improvement.

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