

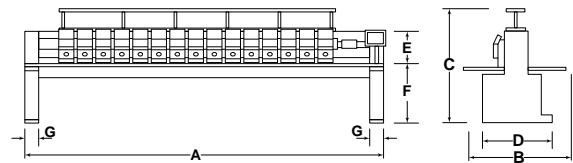
TFGN Series Specifications



mm indication

Models	Heads	Head interval (W=Alternate)	Needles				Embroidery space (Per head / All heads)		A	B	C	D	E	F	G
			6	9	12	15	D x W (Alternate)	Continuous design							
TFGN-	10	400	○	○	○	○	550 x 400	4,000	5,205	1,540	1,639	1,000	430	839	200
TFGN-	12	345	○	○	○		550 x 345	4,140	5,295	1,540	1,639	1,000	430	839	200
TFGN-	12	400	○	○	○	○	550 x 400	4,800	6,125	1,540	1,639	1,000	430	839	200
TFGN-	12	480	○	○	○	○	550 x 480	5,760	7,185	1,540	1,639	1,000	430	839	200
TFGN-	15	275	○	○			550 x 275	4,125	5,205	1,540	1,639	1,000	430	839	200
TFGN-	15	400	○	○	○	○	550 x 400	6,000	7,325	1,540	1,639	1,000	430	839	200
TFGN-	18	330	○	○	○		550 x 330	5,940	7,215	1,540	1,639	1,000	430	839	200
TFGN-	18	400	○	○	○	○	550 x 400	7,200	8,525	1,540	1,639	1,000	430	839	200
TFGN-	20	200W	○				550 x 200 (400)	4,000	5,205	1,540	1,639	1,000	430	839	200
TFGN-	20	275W	○	○			550 x 275 (550)	5,500	6,975	1,540	1,639	1,000	430	839	200
TFGN-	20	330	○	○	○		550 x 330	6,600	7,875	1,540	1,639	1,000	430	839	200
TFGN-	20	360	○	○	○	○	550 x 360	7,200	8,500	1,540	1,639	1,000	430	839	200
TFGN-	30	240W	○	○			550 x 240 (480)	7,200	8,625	1,540	1,639	1,000	430	839	200

[Example of a model code] TFGN- $\frac{15}{a} \frac{20}{b} \frac{c}{c}$ Contents of model code: a = model name
b = number of needles
c = number of heads



* The Ball Screw Drive<PAT.P> is applied to models with the machine length 5,756mm or longer.

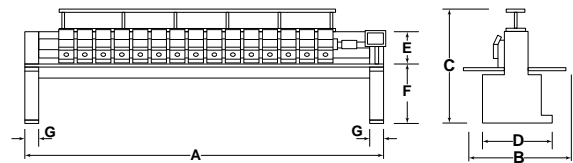
* Consultation for orders of special embroidery machines is also available.

- Factory option** Automatic Lubrication System, Jumbo Rotary Hook, AFC, High-speed Sequin Device, Bobbin Changer
- Option** High-speed Cording Device, Boring Device, Emb. Lamé Attachment
- Stitch length** Ternary scale : 0.1~12.1 mm
Binary scale : 0.1~12.7 mm
- Speed** Max. 1,100rpm
- Electricity** 3-phase : 200/220/240/380/400/415/440V 50Hz/60Hz
Single-phase : 200/220/230/240V 50Hz/60Hz
- Motor** Inverter Motor x 1
AC Servo Motor x 2
- Power consumption** 1.8kw

Jumbo Design Embroidery Machine

Models	Heads	Head interval (W=Alternate)	Needles	Embroidery space (Per head / All heads)		A	B	C	D	E	F	G
				D x W (Alternate)	Continuous design							
TFGN-	20	300W	9	1,000 x 300(600)	6,000	7,615	2,440	1,639	1,000	430	839	200
TFGN-	24	275W	9	1,200 x 275(550)	6,600	8,075	2,840	1,639	1,300	430	839	200
TFGN-	30	240W	9	1,200 x 240(480)	7,200	8,625	2,840	1,639	1,300	430	839	200
TFGN-	10	600W	12	1,000 x 600(1,200)	6,000	8,215	2,440	1,639	1,000	430	839	200
TFGN-	12	480W	12	1,200 x 480(960)	5,760	7,745	2,840	1,639	1,300	430	839	200
TFGN-	12	500W	12	1,000 x 500(1,000)	6,000	8,015	2,440	1,639	1,000	430	839	200

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- Factory option** Automatic Lubrication System, Jumbo Rotary Hook, AFC, High-speed Sequin Device, Bobbin Changer
- Option** High-speed Cording Device, Boring Device, Emb. Lamé Attachment
- Stitch length** Ternary scale : 0.1~12.1 mm
Binary scale : 0.1~12.7 mm
- Speed** Max. 1,100rpm
- Electricity** 3-phase : 200/220/240/380/400/415/440V 50Hz/60Hz
Single-phase : 200/220/230/240V 50Hz/60Hz
- Motor** Inverter Motor x 1
AC Servo Motor x 2
- Power consumption** 1.8kw

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* Effective embroidery space may vary, depending on the types of embroidered products or applicable conditions.
* No design or registered trademark of the products contained in this catalogue may be used without the prior permission.
* Rotational speed may vary, depending on the applicable conditions, machine models or frame types.

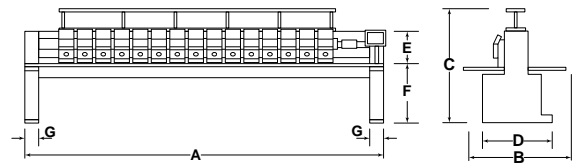
TFGN Series Specifications



Inch indication

Models	Heads	Head interval (W=Alternate)	Needles				Embroidery space (Per head / All heads)		A	B	C	D	E	F	G
			6	9	12	15	D x W (Alternate)	Continuous design							
TFGN-	10	15-1/2	○	○	○	○	21-1/2 x 15-1/2	157-1/2	204-3/4	60-1/2	64-1/2	39-1/4	12-3/4	33	7-3/4
TFGN-	12	13-1/2	○	○	○		21-1/2 x 13-1/2	162-3/4	208-1/4	60-1/2	64-1/2	39-1/4	12-3/4	33	7-3/4
TFGN-	12	15-1/2	○	○	○	○	21-1/2 x 15-1/2	188-3/4	241	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	12	18-3/4	○	○	○	○	21-1/2 x 18-3/4	226-3/4	282-3/4	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	15	10-3/4	○	○			21-1/2 x 10-3/4	162-1/4	209-1/2	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	15	15-1/2	○	○	○	○	21-1/2 x 15-1/2	236	288-1/4	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	18	12-3/4	○	○	○		21-1/2 x 12-3/4	233-3/4	284	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	18	15-1/2	○	○	○	○	21-1/2 x 15-1/2	283-1/4	335-1/2	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	20	7-3/4W	○				21-1/2 x 7-3/4 (15-1/2)	157-1/4	209-1/2	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	20	11W	○	○			21-1/2 x 11 (21-1/2)	216-1/2	274-1/2	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	20	12-3/4	○	○	○		21-1/2 x 12-3/4	259-3/4	310	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	20	14	○	○	○	○	21-1/2 x 14	283-1/4	334-1/2	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	30	9-1/4W	○	○			21-1/2 x 9-1/4 (18-3/4)	283-1/4	339-1/2	60-1/2	64-1/2	39-1/4	16-3/4	33	7-3/4

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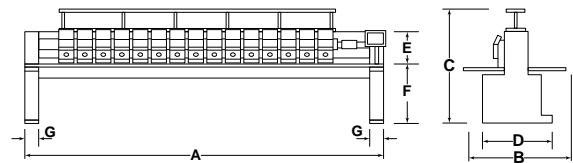
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- Factory option** Automatic Lubrication System, Jumbo Rotary Hook, AFC, High-speed Sequin Device, Bobbin Changer
- Option** High-speed Cording Device, Boring Device, Emb. Lamé Attachment
- Stitch length** Ternary scale : 0.004~0.476 inch
Binary scale : 0.004~0.5 inch
- Speed** Max. 1,100rpm
- Electricity** 3-phase : 200/220/240/380/400/415/440V 50Hz/60Hz
Single-phase : 200/220/230/240V 50Hz/60Hz
- Motor** Inverter Motor x 1
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				D x W (Alternate)	Continuous design							
TFGN-	20	11-3/4W	9	39-1/2 x 11-3/4(23-1/2)	236	296-1/4	96	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	24	10-3/4W	9	47 x 10-3/4(21-1/2)	259-3/4	317-3/4	111-3/4	64-1/2	51	16-3/4	33	7-3/4
TFGN-	30	9-1/4W	9	47 x 9-1/4(18-3/4)	283-1/4	339-1/2	111-3/4	64-1/2	51	16-3/4	33	7-3/4
TFGN-	10	23-1/2W	12	39-1/2 x 23-1/2(47)	236	323-1/4	96	64-1/2	39-1/4	16-3/4	33	7-3/4
TFGN-	12	18-3/4W	12	47 x 18-3/4(37-3/4)	226-3/4	304-3/4	111-3/4	64-1/2	51	16-3/4	33	7-3/4
TFGN-	12	19-1/2W	12	39-1/2 x 19-1/2(39-1/2)	236	315-1/2	96	64-1/2	39-1/4	16-3/4	33	7-3/4

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