TOPEAGLE®

TCF-897

FLAT BED TRIPLE FEED LOCKSTITCH MEDIUM HEAVY DUTY SEWING MACHINE

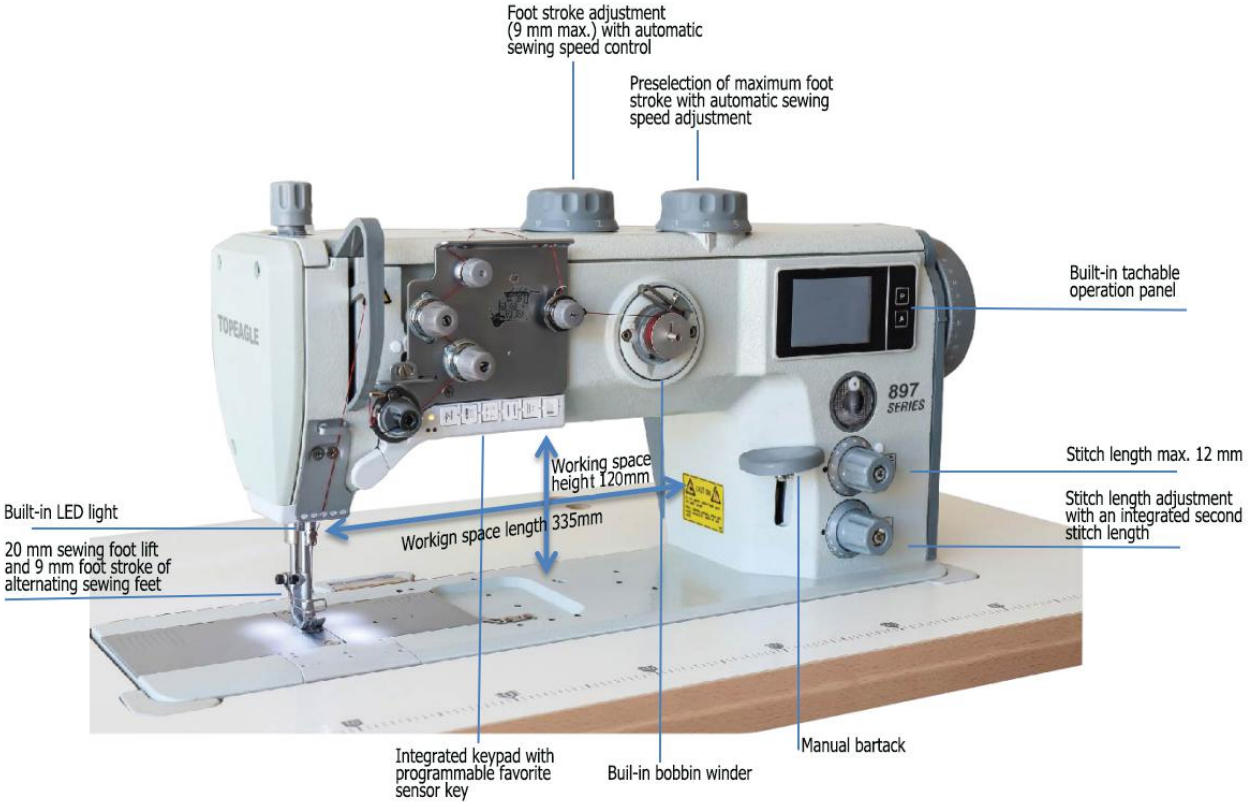
- Single or double needle, triple feed
- Max 12mm stitch length
- 26mm or 32mm large hook
- Max sewing speed 3000spm
- Presser foot lift 20mm
- Top feed stroke 9mm
- Built-in Bobbin winder
- Large working space 335 x 120mm

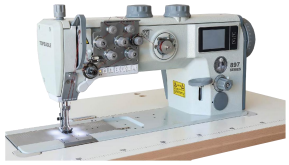
TCF-897 series is our latest products for medium heavy duty sewing applications, it adopt the world latest technology, the built-in touchable panel makes operation clearly and easy, the powerful and effective triple feed system guarantees a trouble-free and displacement-free material feed when processing most different fabric thicknesses and structures.

The excellent stitch pattern, the constant and tight stitch formation as well as up to 12 mm long stitches for decorative topstitching make this machine an ideal operating means for the universal use with regard to medium-heavy duty applications.

Features:

- Built-in touchable panel make operation clear and easy.
- The powerful and effective triple feeding system with bottom feed, needle feed and alternating feet guarantees guarantee the feeding fabrics smoothly.
- The extremely high sewing foot lift up to 20 mm max. facilitates the feeding and removing of bulky work pieces.
- The high top feed stroke up to 9 mm max. allows a safe climbing over differently high material plies.
- Up to 12 mm max. long stitches for standard seams and decorative topstitching
- The large working space (335 mm wide and 120mm high) facilitates the handling of large-area workpieces.
- Some models with XXL(32mm) extra large hook Increased productivity due to 70% higher bobbin capacity in comparison to the standard large hook（26mm）.
- High output at a maximum sewing speed of 3,000 stitches/min.
- Thread sizes up to Nm 10/3.
- Excellent view on the sewing area.
- Low noise level.
- The complete range of sewing equipment, attachments and optional equipment guarantees the optimum equipment solution for nearly all sewing operations.



MODEL	NEEDLE	2ND FOOT STROKE	2ND STITCH LENGTH	HOOK	AUTO TRIMMER	PICTURE
TCF-897-110126	1	—	—	L	—	
TCF-897-111126	1	—	—	L	●	
TCF-897-110132	1	—	—	XXL	—	
TCF-897-111132	1	—	—	XXL	●	
TCF-897-110226	1	—	●	L	—	
TCF-897-111226	1	—	●	L	●	
TCF-897-110232	1	—	●	XXL	—	
TCF-897-111232	1	—	●	XXL	●	
TCF-897-120126	1	●	—	L	—	
TCF-897-121126	1	●	—	L	●	
TCF-897-120132	1	●	—	XXL	—	
TCF-897-121132	1	●	—	XXL	●	
TCF-897-120226	1	●	●	L	—	
TCF-897-121226	1	●	●	L	●	
TCF-897-120232	1	●	●	XXL	—	
TCF-897-121232	1	●	●	XXL	●	
TCF-897-210126	2	—	—	L	—	
TCF-897-211126	2	—	—	L	●	
TCF-897-210132	2	—	—	XXL	—	
TCF-897-211132	2	—	—	XXL	●	
TCF-897-210226	2	—	●	L	—	
TCF-897-211226	2	—	●	L	●	
TCF-897-210232	2	—	●	XXL	—	
TCF-897-211232	2	—	●	XXL	●	
TCF-897-220126	2	●	—	L	—	
TCF-897-221126	2	●	—	L	●	
TCF-897-220132	2	●	—	XXL	—	
TCF-897-221132	2	●	—	XXL	●	
TCF-897-220226	2	●	●	L	—	
TCF-897-221226	2	●	●	L	●	
TCF-897-220232	2	●	●	XXL	—	
TCF-897-221232	2	●	●	XXL	●	

Technical data:

	mm [mm] max.	Stitches/min. [min⁻¹] max.	Material		mmK [mm]	301							+/-	
TCF-897-110126	12	3.000*	M, MS	●		●	●	● L		●	●	❍ P	● Ma	❍
TCF-897-110132	12	3.000*	M, MS	●		●	●		● XXL	●	●	❍ P	● Ma	❍
TCF-897-210126	12	3.000*	M, MS		● 4 – 60	●	●	● L		●	●	❍ P	● Ma	❍
TCF-897-210132	12	3.000*	M, MS		● 4 – 60	●	●		● XXL	●	●	❍ P	● Ma	❍

	B A [mm] A	B	[mm]	C D [mm] C	D	- System max.	- Nm	Nm Synthetic max.	Core thread max.
TCF-897-110126	10	20	9,0	335	120	DP x 35	90 – 180	80/3 – 10/3	80/3 – 10/3
TCF-897-110132	10	20	9,0	335	120	DP x 35	90 – 180	80/3 – 10/3	80/3 – 10/3
TCF-897-210126	10	20	9,0	335	120	DP x 35	90 – 180	80/3 – 10/3	80/3 – 10/3
TCF-897-210132	10	20	9,0	335	120	DP x 35	90 – 180	80/3 – 10/3	80/3 – 10/3

M = Medium weight material
MS = Medium weight to heavy weight material
* = The maximum number of stitches depends on the pre-selected stroke height and the selected stitch length

● = Standard equipment
❍ = Optional equipment
** = Depending on subclass / motor

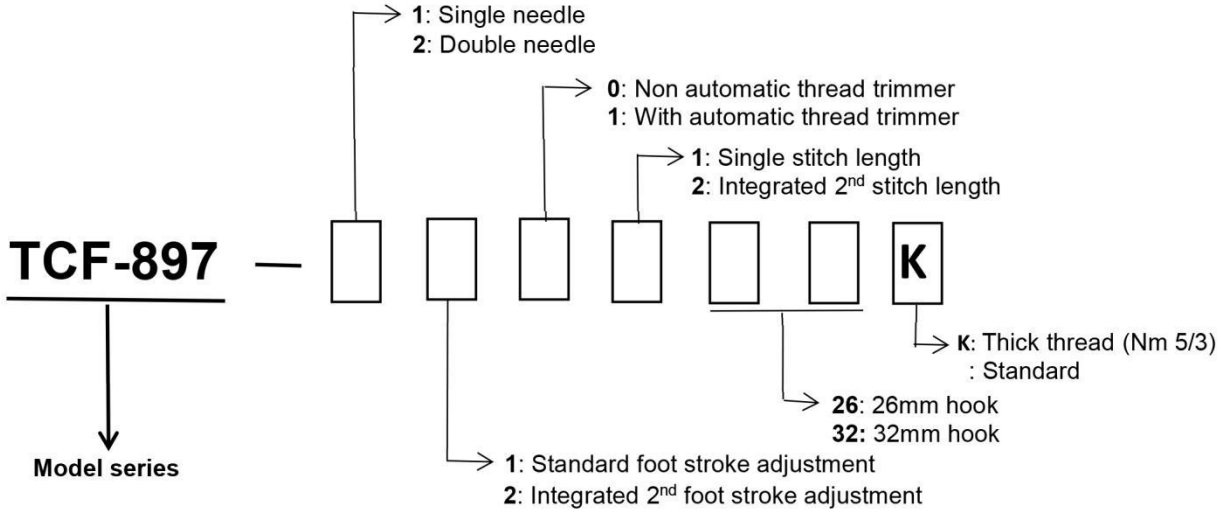
Ma = Manual
P = Pneumatic

	Nominal voltage** [V], [Hz]	Power consumption [kVA] max.	Weight, sew. head** [kg]	Dimensions (Length, Width, Height) [mm]
TCF-897	1 x 220 - 240V, 50/60Hz	0.75	74	750 x 390 x 730

mm		mmK	301							
Stitch length	Single needle	Twin needle, needle distance	Lock-stitch	Bottom feed, needle feed and alternating feet	Vertical hook, large (L)	Vertical hook, extra-large (XXL)	Footstroke adjustable by dial	Manual sewing foot lift via knee lever	Automatic sewing foot lift, pneumatically activated

+/-		B A		C D	- System	- Nm	Nm
Additional thread tension	Integrated sewing light (LED)	A = Clearance when sewing B = Clearance when lifting	Stroke of the alternating sewing feet	Clearance C = 335 mm D = 120 mm	Needle system	Needle strength	Threads: Types and thicknesses

Code diagram:



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