

S-4000 Chainstitch Buttonhole and Special Applications Machines

The S-4000 is the most productive buttonhole machine available and the only one with an electronic stop motion. Electronically adjustable sewing speed up to 3,800 spm makes the S-4000 the fastest chainstitch buttonhole and special applications machine available. The elasticity of chainstitch provides the flexibility needed for many fabrics such as knitwear.



Features Available on All S-4000 Models

Electronic Machine Start and Stop Motion extends life and improves reliability of machine by eliminating the stop motion and clutch mechanisms.

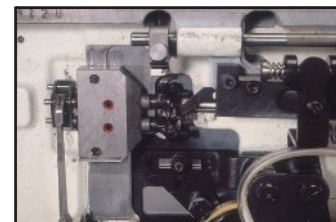
Six Patented Mechanisms bring modern, leading-edge technology into the sewing industry.



The patented double cams design



Main cam assembly



Looper assembly

Increased Productivity is ensured with no need for bobbin changes.

Pneumatic Clamping reacts to different thicknesses and types of fabrics.

Pneumatic Cutting reduces the number of adjustments and increases the consistency and reliability of the cut.

Pneumatic Thread Trimming gives consistent and reliable trimming at the end of each sewing cycle.

Revolutionary Design reduces number of parts up to 35% from previous S-2 model.

Semi-Automatic Lubrication and Oil Level Monitor provide additional safeguards that increase machine life and dependability.

Microprocessor Control ensures maximized ramp-up and ramp-down speeds to achieve minimized cycle times.

Cycle Counter displays production information.

Titl-Back Head simplifies adjustments and maintenance.

Length and Stitch Bite Adjustments are easily made without requiring the operator to tilt back the machine head.

Single Pedal Electronic Start reduces operator fatigue.

Safety is enhanced with the S-4000's fully enclosed mechanisms and Emergency Stop Mechanism.

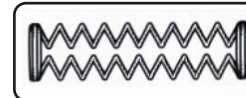


Control panel

Available Models

- | | | | |
|---------------|---------------------|------------------------|--|
| ■ S-4000 BH | Straight Buttonhole | ■ S-4000 LT* | Lingerie Tacker |
| ■ S-4000 TKF | Tacker | ■ S-4000 ISBH* | Imitation Sleeve Buttonhole |
| ■ S-4000 LS | Label Sewer | ■ S-4000 ISBH Indexer* | Imitation Sleeve Buttonhole with Indexer |
| ■ S-4000 CAED | Cut After Edger | | |

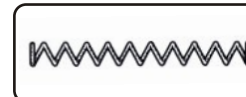
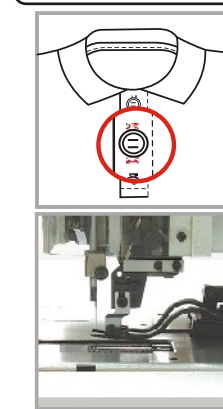
* Shown on separate brochure.



S-4000 BH

The S-4000 BH machine offers unsurpassed speed and quality in the production of straight buttonholes on all types of garments and material.

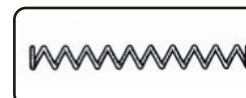
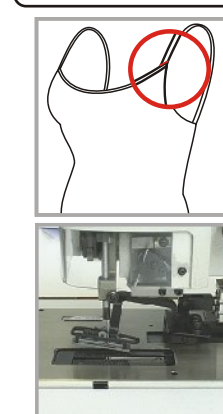
- Single or double cycle sew is a simple operator-controlled option
- Double sew option cycles twice for special knitwear applications
- Easy buttonhole adjustments
- Blouses, sleepwear, work garments, dresses, shirts, children's clothing, shower curtains, knitwear



S-4000 TKF

The S-4000 TKF is a fully electronic, single thread chainstitch machine capable of sewing both single and double row tacks.

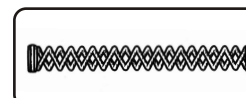
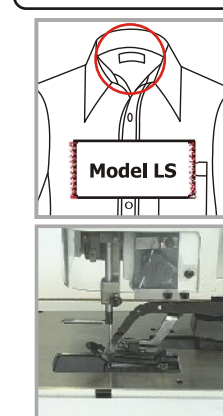
- The submerged sewing head allows the operator to handle the garment more ergonomically with less operator fatigue
- Electronically adjustable to sew single or double row tacks
- Double row tack always starts at the front giving the operator an improved site line
- Collar stay tacking, sleeve vent tacking, shoulder strap tacking on lingerie, cuff wigans, back vent on suit coats, safety straps on hard hats, secure overlock chainstitch



S-4000 LS

The S-4000 LS is a fully automatic machine designed to attach pre-folded labels.

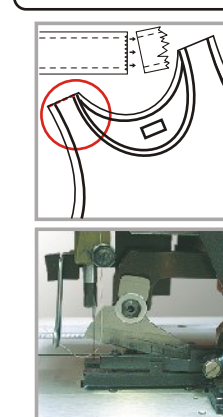
- Tacks labels on two sides using closed clamp foot feature
- Pneumatic clamping foot holds label and material during sewing cycle
- Closed clamp foot provides better visibility, clamping and easier loading
- Label locator helps position label for first stitch
- Electronically adjustable to sew single or double row tacks
- Double row tack is front starting
- Hanger labels on shirts and blouses, trouser waistband labels, pocket labels, towel labels.



S-4000 CAED

The S-4000 CAED is an automatic, high speed edge finishing machine that is completely automated.

- Automatically clamps material, sews the exact length, trims thread, cuts off excess material and stops with clamp in position for next operation
- Fabric is trimmed close to stitching with a pneumatically operated knife
- Waste material is removed from table by air ejection system
- Sewn piece is completely finished and neat with securely locked stitching and no edges to be trimmed
- Double tack eliminates the chain left by lockstitch machines
- Men's undershirts straps, V-neck knitwear, baby wear, children's waistbands, trouser waistbands, end finishing of belts, tacking of binding tapes, joining of circular loops



Technical Specifications S-4000

	BH	TKF	LS	CAED
	Buttonhole Machine	Tacker Machine	Label Sewer Machine	Cut After Edger Machine
Sewing Head	AMF Reece S-4000			
Motor	DC Drive			
Sewing Speed	1,500 - 3,800 Adjustable	1,500 - 3,800 Adjustable	1,500 - 3,800 Adjustable	1,000 - 3,800 Adjustable
Stich Type	Single Thread Chainstitch			
Stich Density	3-14 s/cm (8-35 spi)			
Stich Bite	1,7mm-2,3mm ($\frac{1}{16}$ "- $\frac{3}{32}$ "	1,7mm-3mm ($\frac{1}{16}$ "- $\frac{1}{8}$ "	1,7mm-3mm ($\frac{1}{16}$ "- $\frac{1}{8}$ "	1,7mm-3mm ($\frac{1}{16}$ "- $\frac{1}{8}$ "
Buttonhole Sizes	6,3mm-35mm ($\frac{1}{4}$ "-1 $\frac{3}{8}$ "	N/A	N/A	N/A
Length of Tack	Single Row	N/A	6,4mm-40mm ($\frac{1}{4}$ "-1 $\frac{9}{16}$ "	N/A
	Double Row	N/A	9mm-43mm ($\frac{11}{32}$ "-1 $\frac{11}{16}$ "	9mm-40mm ($\frac{11}{32}$ "-1 $\frac{9}{16}$ "
Cutting	Pneumatic	N/A	N/A	Pneumatic
Thread Trimming	Pneumatic			
Clamping	Pneumatic			
Clamp Height	12,7mm ($\frac{1}{2}$ "	12,7mm ($\frac{1}{2}$ "	12,7mm ($\frac{1}{2}$ "	8mm ($\frac{5}{16}$ "
Maximum Work Thickness	3mm ($\frac{1}{8}$ "	4mm ($\frac{1}{4}$ "	4mm ($\frac{1}{4}$ "	4mm ($\frac{1}{4}$ "
Recommend Needle	AMF Reece Series 750 Size 90/14, 80/12, 70/10			
Recommend Thread	Core Spun Polyester, No.80,100,120 Tex Size 40, 50, 60			
Lubrication	Semi - Automatic			
Table Types	Parallel, Crosswise or Universal	Parallel, Crosswise or Embedded	Parallel or Crosswise	Crosswise
Control System	P.L.C.			
Electrical Requirements	230V 50/60Hz 1Phase (according to EN 60204-1)			
Air Requirements	5,5 bar (80psi) 14 l/min (0,25cmf)			
Table Dimensions				
Parallel/ Crosswise/Universal Embedded	1100mm(L)x600mm(W) x710mm(H) 1100mm(L)x650mm(W) x800mm(H)			
Dimensions Packed	1300mm(L)x770mm(W) x1150mm(H)			
Weight	148 kg			

Accuracy of illustration and description of equipment shown herein apply to products as manufactured at time of publication.

S-4000

AMF Reece High Speed Electronic Chainstitch Buttonhole and Special Applications Machines



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