

Technical Specifications

S-4000 ISBH

Sewing Head	AMF Reece S-4000/S-4001
Motor	DC Drive
Sewing Speed	1,500 - 3,800 spm
Stitch Type	Single Thread Chainstitch
Stitch Density	3 - 12 s/cm (8 - 30 spi)
Stitch Bite	1.7 mm - 2.3 mm (1/15" - 3/32")
Buttonhole Type	Imitation Sleeve Buttonhole
Buttonhole Length	15.8 mm - 25 mm (5/8" - 1")
Thread Trimming	Pneumatic
Recommended Thread	Core Spun Polyester No. 80, 100, 120 Tex Size 40, 50, 60
Recommended Needle	AMF Reece Series 750 Size 90/14, 80/12, 70/10
Clamp Height	12.7 mm (1/2")
Maximum Work Thickness	3 mm (1/8")
Clamping	Pneumatic
Lubrication	Semi - Automatic
Control System	PLC
Table Types	Crosswise
Electrical Requirements	230 V 50/60 HZ 1 phase (according to EN 60204-1)
Air Requirements	5.5 bar (80 psi) 7l/m (.25 cfm)
Dimensions Head and Table	1100 mm (L) x 600 mm (W) x 710 mm (H)
Dimensions Packed Weight	1300 (L) x 770 (W) x 1150 (H) 148 kg Gross

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

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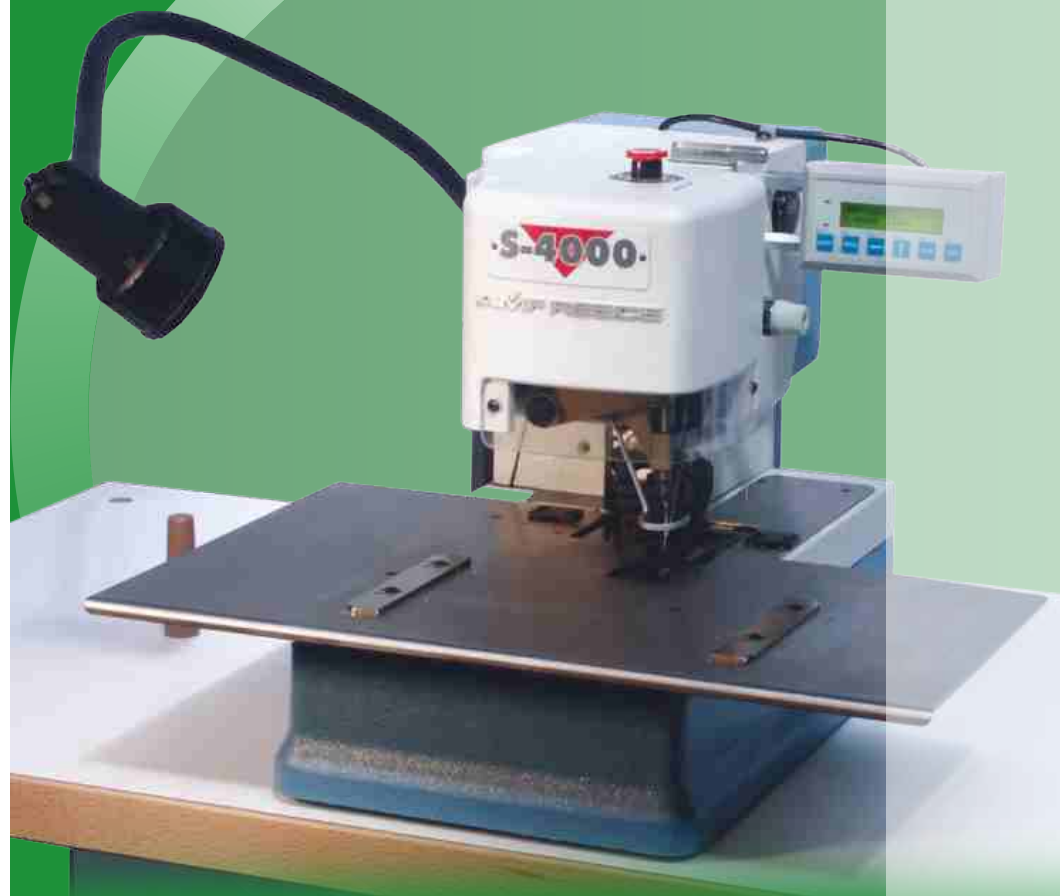
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S-4000

Imitation Sleeve Buttonhole

The S-4000 ISBH is an electronically controlled chainstitch straight buttonhole machine designed for sewing decorative non-functional buttonholes on jacket sleeves. The machine is based on the well known AMF Reece S-4000 range of machines having all of the features the same.



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Features

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

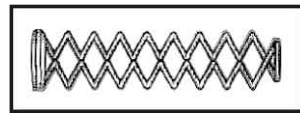
High Sewing Speed combined with low noise level is adjustable from 1,500 spm to 3,800 spm.

DC Drive Motor fully enclosed within the head casting eliminates the need for an under the table mounted clutch motor, pulley, belt and brake. This reduces required maintenance and eliminates oil and dust around the working area.

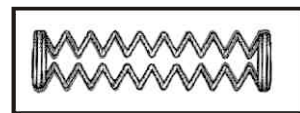
Pneumatic System is used for the thread trimming and clamping that reacts to different material thicknesses and types of fabric. Together with the **Single Pedal Electronic Start** it increases production and reduces operator's fatigue.

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

The Appearance of Imitation Sleeve Buttonhole is different to a normal buttonhole which is squared at both ends. The ISBH non-cut buttonhole has one squared end and the other „show“ end has less stitches which gives a rounded effect. This is achieved by the use of a special cam. On the finished garment the button is sewn over the squared end.



ISBH Buttonhole



Normal Buttonhole



Imitation Buttonholes on Fine Suits

S-4000 ISBH

This model is used when productivity is not the main consideration. It sews high quality imitation buttonholes, the operator positions the sleeve after each sewing cycle. Buttonhole positions need to be premarked prior to sewing.

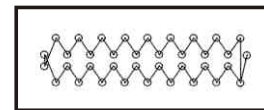
All sewing parameters with the exception of the buttonhole length can be set on the simple key-pad control panel.

Applications

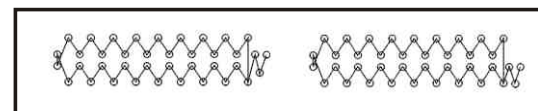
The **S-4000 ISBH** machine is used when sewing imitation non-functional buttonholes on sleeve cuffs of men's and ladies' jackets, suits and sport coats etc.

Option

Different Buttonhole Shapes can be sewn with other two cams that can be ordered extra from AMF Reece. The machine is supplied with the standard cam (see the pictures below).



Standard Cam



Optional Cams

For further explanation see the technical specifications.