

# S-4000 ISBH

## 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.

### 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.

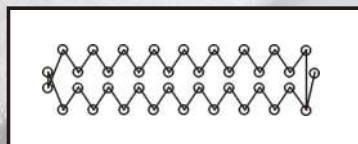
### Applications

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.

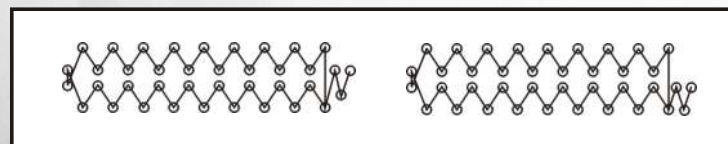
### Option

**Laser Light System** for S-4000 ISBH Indexer model that marks the position of the sleeve at the beginning of sewing cycle.

**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).



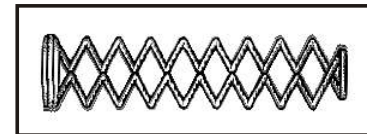
Standard Cam



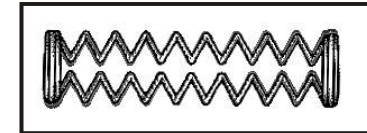
Optional Cams



Imitation Buttonholes on Fine Suits



ISBH Buttonhole



Normal Buttonhole



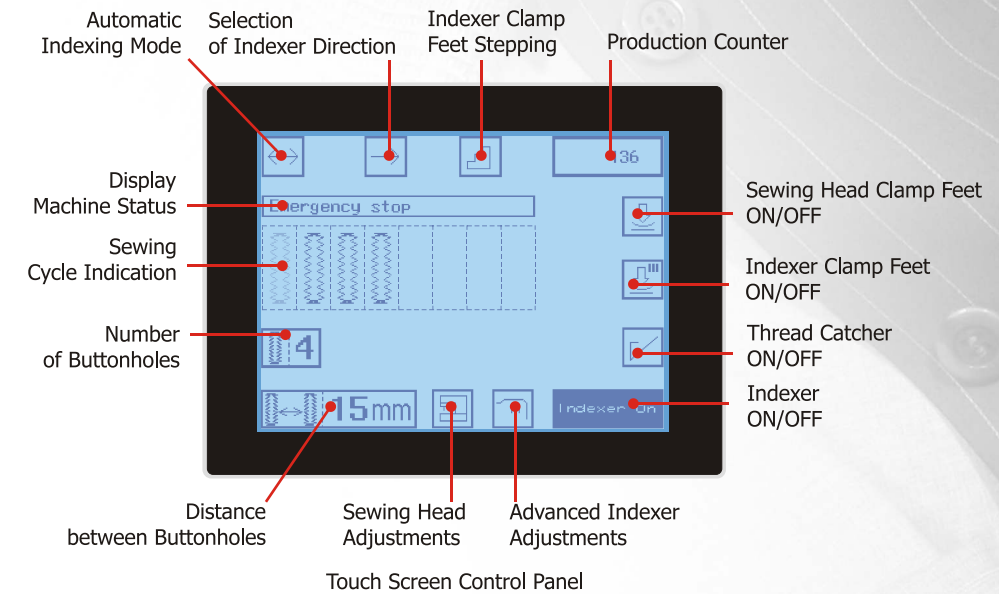
Laser Light System

# Available Models

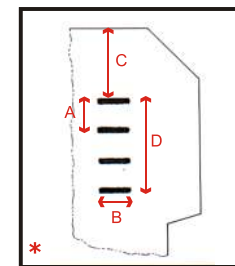
## S-4000 ISBH with Indexer

S-4000 ISBH with Indexer is programmable to sew imitation buttonholes at specific distances between each buttonhole. The number of buttonholes and the distance required between them are selected by the operator on the control panel.

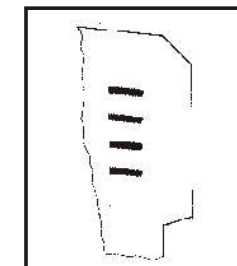
Two versions of the control panel are available either a simple key-pad control panel or a touch screen display using easily understood symbols and graphics.



Touch Screen Control Panel



Buttonholes placed parallel to sleeve cuff



Buttonholes sewn at an angle to sleeve cuff

\*For explanation see the technical specifications.

The machine clamps can be set to sew imitation buttonholes at an angle of 0 to 6 degrees from a sleeve cuff. This feature is usually required when sewing buttonholes on ladies' jackets while on menswear the buttonholes are normally sewn parallel to the cuff.

When using the S-4000 ISBH with Indexer, the operator simply places the sleeve cuff into the correct sewing position for the first buttonhole and during the sewing cycle prepares the next piece for sewing.

Indexer can be set to feed from left to right, right to left or to alternate between both. This feature is used when the work comes to the operator in pairs.



S-4000 ISBH Model

This model is a manual version of the S-4000 ISBH with Indexer and is used when productivity is not the main consideration. It sews the same high quality imitation buttonholes, but 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.

## S-4000 ISBH

## Technical Specifications S-4000 ISBH

	ISBH Indexer	ISBH
Sewing Head	AMF Reece S-4000	
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	
Number of Buttonholes	1 - 8	Operator Dependent
Distance between Buttonholes (A)	4 - 63 mm (3/16" - 2 1/2") Adjustable in Programme	Operator Dependent
Buttonhole Length (B)	15.8 mm - 25 mm (5/8" - 1")	
Maximum Distance from Edge (C)	67 mm (2 5/8")	Operator Dependent
Maximum Distance First to Last Buttonhole (D)	63 mm (2 1/2")	Operator Dependent
Angle Adjustable	0°-6°	Operator Dependent
Thread Trimming	Pneumatic	
Recommend Thread	Core Spun Polyester No. 80, 100, 120 Tex Size 40, 50, 60	
Recommend 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	P.L.C.	
Table Types	Crosswise	
Electrical Requirements	230 V 50/60 Hz 1 phase (according to EN 60204-1)	
Air Requirements	5.5 bar (80psi) 14l/m (.5cfm)	5.5 bar (80psi) 7l/m (.25cfm)
Dimensions Head and Table	1100 mm (L) x 600 mm (W) x 710 mm (H)	
Dimensions Packed Weight	1300 mm (L) x 770 mm (W) x 1150 mm (H) 171 kg Gross	1300 mm (L) x 770 mm (W) x 1150 mm (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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**S-4000**  
**ISBH**

## AMF Reece High Speed Electronic Imitation Sleeve Buttonhole



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