

# Mechanical Eyelet Buttonhole Machines



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Better Performance

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# S-100

**Economy model that includes many features associated with higher priced models.**

## Features

**Semi-Automatic Lubrication System** uses drip oil wicks to carry oil to the critical parts of the machine and eliminates periodic oiling downtime, reduces maintenance expenses and prolongs the machine life. An oil level indicator shows the operator or mechanic when the machine is low on oil, protecting the machine from severe damage that can be caused by running a machine without the minimum required oil.

**Revolutionary Stop Motion** contributes to improve product quality by virtually eliminating sewing defects such as „double stops“. The roller activation ensures one full revolution to absorb the momentum every time, prolonging the life of the machine and increasing reliability.

**Selection of Buttonhole Cutting** (cut before, cut after or no cut) is simply and quickly done by using two levers.

**Pattern Cam Replacement** allows rapid change of buttonhole style. Buttonhole length, eye/ no eye buttonhole and type of buttonhole finishing can be changed by selecting one of the cams that are supplied with the machine depending on the machine modification.



## Available Models & Applications

**030**

AF CB/CA R RE

Adjustable fly bar machine with top thread trimming for sewing buttonholes from 10-32 mm on tailored clothing, outwear and jeans wear. Model is supplied with 17 interchangeable cams, 3 knives (cut after, cut before and no eye), 11 cutting blocks and extra looper set to cover all buttonhole applications.

**031**

AF CB/CA R RE

Sewing 16, 19, 22 mm buttonholes in length on jeans and denim wear. The machine is supplied with 3 cams, cut after knife and 3 cutting blocks to cover all denim applications.

**032**

AF CB/CA R RE

Sewing buttonholes from 10-32 mm on tailored clothing and outwear. Model is supplied with 3 cams, cut before and cut after knives and 3 cutting blocks to cover most tailored applications.

**052/053**

RDE

Round Eyelet machine specially designed for sewing circular "round eyelet" holes on hats, caps, cloth belts, ventilation holes etc. Either single or double thread can be used with an eyelet ranging from 2 to 4 mm (052 model) or 4-7 mm (053 model). 052 model is supplied with 5 sizes of knives and cutting blocks and 053 model with 6 sets, both models come also with 1 cam and extra looper set.

**060**

AF CB/CA R RE CRB

Adjustable flybar machine with top thread trimming for sewing buttonholes from 10-32 mm on tailored outwear, casual wear and trousers. The model is supplied with 16 interchangeable cams, 3 types of knives (cut after, cut before and no eye), 11 cutting blocks and extra looper set.

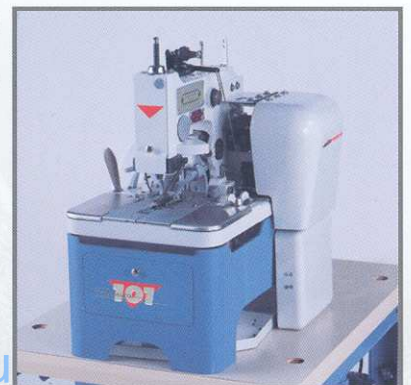
# S-101

**The S-101 machine is the workhorse of the industry with special models capable of sewing buttonholes that give the appearance of a hand sewn buttonhole. This type of buttonhole is used in the production of extra fine quality tailored garments, such as men's suits and jackets.**

## Features

**Stationary Bed Plate** allows the work to remain stationary while the head travels around the buttonhole. This guarantees that the garment does not move during the sewing cycle.

**Simple Buttonhole Adjustment:** buttonhole type - eye shape and cutting selection (cut before, cut after) can be easily adjusted by simple usage of levers and knobs.





**The only Hand Hole Machine in the World** that is capable of sewing an imitation hand stitch buttonhole, with a top gimp attachment. The hand hole is, without a doubt, the best buttonhole you will see anywhere and it gives the appearance of a hand sewn buttonhole.

**Available Models & Applications**

Adjustable flybar model with top thread trimming for sewing cut before and cut after buttonholes from 13-32 mm on tailored clothing, outwear, work wear and jeans.

**030**

AF CB/CA R RE

Imitation hand stitching machines with a top gimp attachment for sewing either cut before or cut after buttonholes from 13-32 mm depending on the model. These models are especially used on fine tailored clothing, jackets, vests, topcoats etc. where a hand finished look is required.

**007/014**

CB/CA R ME HH

**S-104**



**The S-104 machine is the finest mechanical eyelet machine available, incorporating advanced features to improve quality, reliability and ease of use.**

**Features**

**Semi-Automatic Lubrication System with Oil Level Indicator** uses drip oil wicks to carry oil to the critical parts of the machine and eliminates periodic oiling downtime, reduces maintenance expenses and prolongs the machine life.

**Adjustable Clamping System** provides increased sewing flexibility; even clamping on materials of varying thickness allows positive spread at light clamping pressure to accommodate a wide range of materials with greater clearance for bulky materials.

**Advanced Material and Technology** such as aluminum bedplate reduces the stress and inertia on moving parts to increase the machine life and reduce maintenance.

**Single Belt Drive** provides a more efficient transfer of power from the motor to the sewing mechanisms.

**Available Model & Applications**

**130** - adjustable flybar machine with top thread trimming for sewing cut before and cut after buttonholes from 13-32 mm on tailored clothing, outwear and jeans.

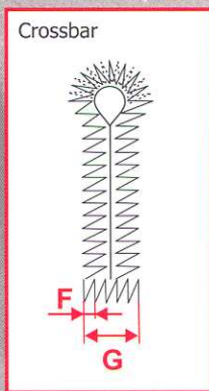
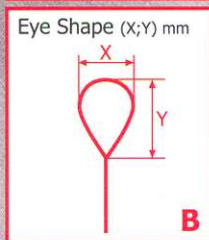
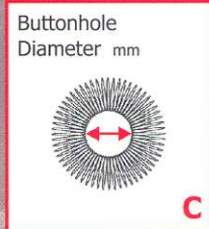
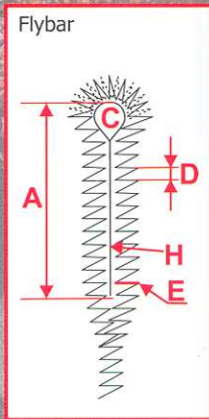
**130**

AF CB/CA R RE

**Sewing Patterns**

|  | S-100 |     |     |     |         | S-101 |     | S-104 |     |
|--|-------|-----|-----|-----|---------|-------|-----|-------|-----|
|  | 030   | 031 | 032 | 060 | 052/053 | 007   | 014 | 030   | 130 |
|  | ●     |     | ●   | ●   |         |       |     | ●     | ●   |
|  | ●     |     | ●   | ●   |         |       |     | ●     | ●   |
|  | ●     |     |     | ●   |         |       |     | ●     | ●   |
|  | ●     | ●   | ●   | ●   |         |       |     | ●     | ●   |
|  |       |     |     | ●   |         |       |     |       |     |
|  |       |     |     | ●   |         |       |     |       |     |
|  |       |     |     |     |         | ●     | ●   |       |     |
|  |       |     |     |     |         | ●     | ●   |       |     |
|  |       |     |     |     |         | ●     |     |       |     |





## Technical Specifications

|                                  | 100  | 101   | 104   |
|----------------------------------|--|---|---|
| <b>Stitch Type</b>               | 401 two thread chainstitch   |   |   |
| <b>Sewing Speed</b>              | 1,750 spm  | 1,600 spm   | Up to 1,900 spm   |
| <b>Buttonhole Length</b> A       | 10 to 32 mm*<br>( <sup>3</sup> / <sub>8</sub> " to 1 <sup>1</sup> / <sub>4</sub> ")          | 13 to 32 mm*<br>( <sup>1</sup> / <sub>2</sub> " to 1 <sup>1</sup> / <sub>4</sub> ") | 13 to 32 mm*<br>( <sup>1</sup> / <sub>2</sub> " to 1 <sup>1</sup> / <sub>4</sub> ") |
| <b>Eye Shape</b> (X;Y) mm        | B No Eye; 3,0 x 5,0<br>Optional 3,0 x 4,0<br>C RDE models only<br>2,0 - 4,0 mm; 4,0 - 7,0 mm | No Eye; 2,7 x 4,3   | No Eye; 2,7 x 4,3   |
| <b>Stitch Density</b> D          | 6 to 16 s/cm<br>(15 to 40 spi)   | 3 to 16 s/cm<br>(7 to 40 spi)   | 3 to 16 s/cm<br>(7 to 40 spi)   |
| <b>Stitch Bite</b> E             | 2,0 - 2,6 mm; 2,7-3,3 mm<br>3,4 - 4,0 mm   | 2 to 4 mm   | 2 to 4 mm   |
| <b>Crossbar Density</b> F        | 8 - 16 s/cm  | N/A   |   |
| <b>Crossbar Length</b> G         | 4 - 8 mm   |   |   |
| <b>Buttonhole Cutting</b> H      | cut before, cut after, no cut  |   |   |
| <b>Automatic Thread Trimming</b> | top thread   |   |   |
| <b>Electrical Supply</b>         | 230V, 50/60Hz, 1Ph<br>400V, 50/60Hz, 3Ph<br>230V, 50/60Hz, 3Ph<br>110V, 60Hz, 1Ph            | 230V, 50/60Hz, 3Ph<br>400V, 50/60Hz, 3Ph<br>230V, 50/60Hz, 1Ph<br>110V, 60Hz, 1Ph   | 230V, 50/60Hz, 3Ph<br>400V, 50/60Hz, 3Ph<br>230V, 50/60Hz, 1Ph<br>110V, 60Hz, 1Ph   |
| <b>Compressed Air</b>            | Not required   |   |   |
| <b>Dimensions (crated)</b>       |  |   |   |
| <b>Sewing Head</b>               |  |   |   |
| <b>Length</b>                    | 70 cm (27 <sup>1</sup> / <sub>2</sub> " )  | 70 cm (27 <sup>1</sup> / <sub>2</sub> " )   | 79 cm (31" )  |
| <b>Width</b>                     | 55 cm (21 <sup>1</sup> / <sub>2</sub> " )  | 55 cm (21 <sup>1</sup> / <sub>2</sub> " )   | 64 cm (25" )  |
| <b>Height</b>                    | 75 cm (29 <sup>1</sup> / <sub>2</sub> " )  | 75 cm (29 <sup>1</sup> / <sub>2</sub> " )   | 80 cm (31 <sup>1</sup> / <sub>2</sub> " )   |
| <b>Weight</b>                    | 86 kg (190 lbs.)   | 74 kg (163 lbs.)  | 89 kg (196 lbs.)  |
| <b>Table</b>                     |  |   |   |
| <b>Length</b>                    | 114 cm (45" )  | 114 cm (45" )   | 114 cm (45" )   |
| <b>Width</b>                     | 68 cm (27" )   | 68 cm (27" )  | 68 cm (27" )  |
| <b>Height</b>                    | 40 cm (16" )   | 40 cm (16" )  | 40 cm (16" )  |
| <b>Weight</b>                    | 75 kg (165 lbs.)   | 80 kg (176 lbs.)  | 69 kg (152 lbs.)  |
| <b>Overall Dimensions</b>        |  |   |   |
| <b>Floor Plan</b>                | 110 x 60 cm (43" x 24")  |   |   |
| <b>Table Height</b>              | 70 cm (27 <sup>1</sup> / <sub>2</sub> " ) adjustable to 90 cm (35" )                         |   |   |

Accuracy of illustration and description of equipment shown herein apply to products as manufactured at time of publication.  
\*For open end buttonholes the buttonhole length is up to 38 mm (1 <sup>1</sup>/<sub>2</sub>" )



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