

ZHE JIANG JIE KAI SEWING MACHINERY CO.,LTD

www.wzjka.com

The industry renowned Chainstitch Imitation Sleeve Buttonhole Machine (ISBH), for use on Jacket Sleeves JK-4000-2.



Electronic Stop and Start Motion

Patented Mechanisms

Fully Enclosed Mechanism

Control Panel

Decorative No-Cut Buttonhole

Productivity & Flexibility

Pneumatic Clamping, Cutting and Thread Trimming

Semi-Automatic Lubrication System and Oil Monitor

High Speed Sewing with Reduced Noise Level

ZHE JIANG JIE KAI SEWING MACHINERY CO.,LTD

www.wzjka.com

Electronic Stop and Start Motion

The electronic start and stop motion extends machine life and improves machine reliability by eliminating the stop motion and clutch mechanisms.

Patented Mechanisms

The S-4000 contains six patented mechanisms:

- ▄ Needle Bar Drive
- ▄ Looper Drive
- ▄ Main Cam
- ▄ Double Lobe Cam
- ▄ Bite Mechanisms
- ▄ Feed Mechanisms



Looper assembly



The patented double cams designs



Main cam assembly

Revolutionary Design

The JK-4000 machines has reduced the number of parts compared with the previous JK-2 model.



JK-4000-2 model



JK-4000 model

Fully Enclosed Mechanism

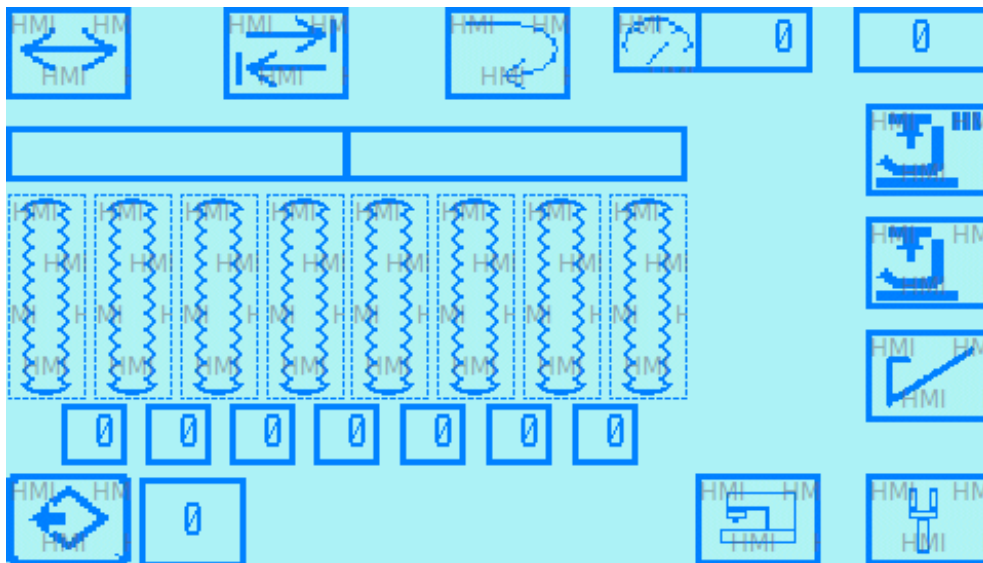
DC Drive Motor is fully enclosed within the head casting, eliminating the need for an under the table mounted clutch motor, pulley, belt and brake. This reduces required maintenance and eliminates oil and dust around the working area.

ZHE JIANG JIE KAI SEWING MACHINERY CO.,LTD

www.wzjka.com

Control Panel

Machine is equipped with a touch screen display using easily understood symbols and graphics .



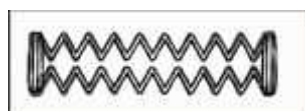
Easy View control panel

Decorative No-Cut Buttonhole

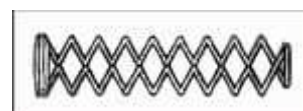
The JK-4000 ISBH produces a buttonhole which has a similar appearance to a normal buttonhole but is purely decorative and non-functional. This type of buttonhole is not cut and is used on the sleeves of men's and ladies' jackets, suits and sports coats. Since this buttonhole is not cut, and is done on a fast chainstitch machine, sewing at speeds up to 3,800 spm, the operator is able to sew 2 – 3 times more jacket/coat sleeves, than with a conventional buttonhole machine.



Only one square bar is sewn while at the other end the small stitch gives the appearance of a rounded end. On the finished garment the button is sewn over the square bar. The size of the buttonhole is from 15,8 mm to 25 mm (5/8" to 1"). To see the difference between the regular and ISBH buttonhole please see the drawings below.



Normal Buttonhole



ISBH Buttonhole

ZHE JIANG JIE KAI SEWING MACHINERY CO.,LTD

www.wzjka.com

Productivity & Flexibility

Chainstitch buttonholing provides increased productivity with **no bobbin change**. The elasticity of the chainstitch also provides the flexibility needed for many fabrics such as knitwear.

Pneumatic Clamping, Cutting and Thread Trimming

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

Pneumatic clamping reacts to different thicknesses and types of fabric.

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

Semi-Automatic Lubrication System and Oil Monitor

The JK-4000 series is equipped with the drip oil wick lubrication system and oil level monitor. This system prolongs the machine life and reliability.

High Speed Sewing with Reduced Noise Level

The JK-4000 series has electronically adjustable sewing speed up to 3,800 spm and are the fastest chainstitch buttonhole and special application machines available. Due to the DC Drive Motor the machine is 20% faster than other models. The noise level is also significantly lower on the JK-4000.

ZHE JIANG JIE KAI SEWING MACHINERY CO.,LTD

www.wzjka.com

Technical Specifications:

Sewing Head	JK-4000
Motor	DC Drive
Sewing Speed	1500-3800rpm (Adjustable)
Stitch Bite	1,7-2,3mm(1/15"-3/32")
Buttonhole Type	Imitation Sleeve Buttonhole
Number of Buttonholes	1-16
Distances between Buttonholes	4-63mm (3/16"- 2 1/2") Adjustable in programme
Buttonhole Sizes	15.8mm - 25mm (5/8" - 1")
Maximun Distance From Edge	67mm (2 5/8")
Maximun Distance First to Last Buttonhole	63mm (2 1/2")
Angle Adjustable	0°- 6°
Thread Trimming	Pneumatic
Recommend Thread	Core Spun Polyester No.80,100,120 Tex Size 40,50,60
Recommend Needle	Size 90/14, 80/12, 70/10
Clamp Height	12.7mm (1/2")
Maximum Work	3mm (1/8")
Clamping	Pneumatic
Lubrication	Semi-Automatic
Control system	P.L.C
Table Type	Crosswise
Electrical Requirements	230 V 50/60 HZ 1 Phase (according to EN 60204-1)
Dimensions Head and Table	1100mm(L)*600mm (W) *710mm(H)