

HIKARI® Innovative Electronic Eyelet Buttonholer

Feel the innovation and efficiency

HBH9820 Series Innovative Electronic Eyelet Buttonholer

The HIKARI innovative electronic button holer machine is optimized for the European requirements: small and middle sized orders, hard to sew fabrics, and high quality production.



OUTSTANDING TECHNOLOGICAL FLEXIBILITY WHAT MAKES HIKARI INNOVATIVE EYELET
BUTTONHOLDER UNIQUE IN THE MARKET

- 12% higher productivity compared to the older models, offers higher efficiency and output during production
- Electronic servo drive transmission offers up to 38% of less power consumption compared to the older models

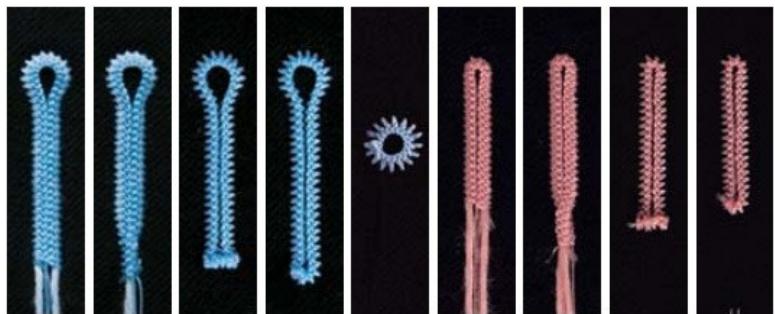


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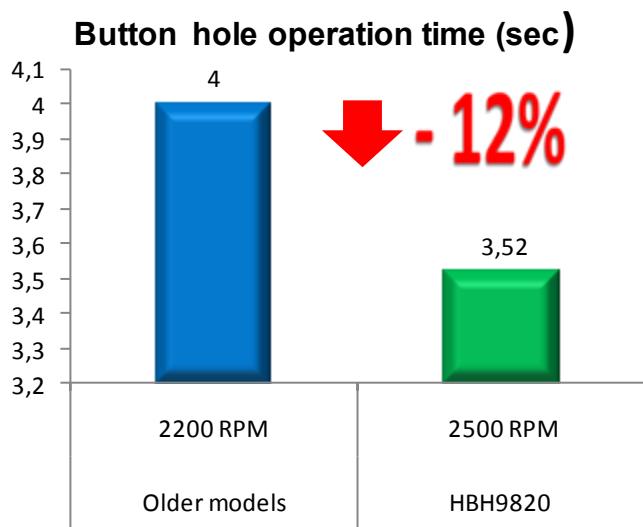
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BETTER SHAPED BUTTONHOLES DUE TO THE THREAD TENSION

The HIKARI innovative electronic eyelet button holter forms the buttonholes with higher precision due to the servo drive system, and better controlled thread tension. No matter what kind of thread is used, the possibility of stitch dropping is dramatically decreased, therefore the value of waste decreased as well, and higher efficiency is reported during production.



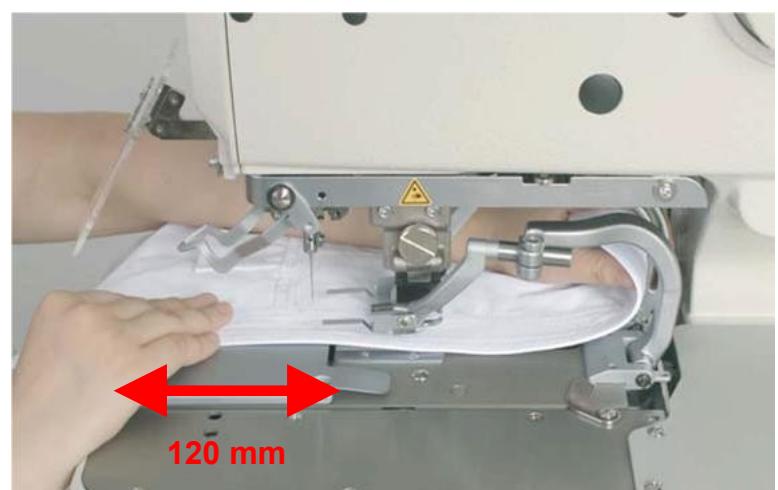
12% HIGHER PRODUCTION OUTPUT DUE TO THE SHORTENED PRODUCTION TIME



HIKARI HBH-9280 innovative electronic eyelet button holter machine's structure is adopted to high speed operation. Due to the installed servo motor, the sewing speed is increased to 2500rpm. The higher speed together with the structural modification of the mechanic elements offers 12% less production time on a 22mm long buttonhole. This fact gives 12% higher productivity during serial production and offers a significant increase on the profitability of the manufactured product.

EXTENDED OPERATION AREA FOR BETTER CLEARANCE

HIKARI HBH9280 electronic eyelet button holter provides 120 mm long operation area which enables the operator to place the garments as spread as possible in a flat surface. This is suitable for the sewing of both vertical and longitudinal button holes and trouser's pockets. The shape of machine arm offers high visibility on the needle area, to observe and follow up the sewing process during operation.

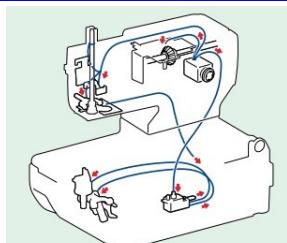


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FULL FEATURED USER – FRIENDLY CONTROL PANEL

The HIKARI HBH9820 is equipped with full computerized, easy to use, user friendly control panel. The functions are grouped, and distributed according to the needs of the operator. The position of the functions are clearly separated, which helps the operator to use it faster to save time, and increase the efficiency. HBH9820 Electronic eyelet button holter is also equipped with advanced LCD screen, and to display icons and text, so that parameter settings or check images, and easy to understand when sewing patterns and easy operation. Operation panel support English, German, French, Spanish, Italian, Portuguese, Turkish, Chinese and Indonesian.

CENTRAL LUBRICATION SYSTEM

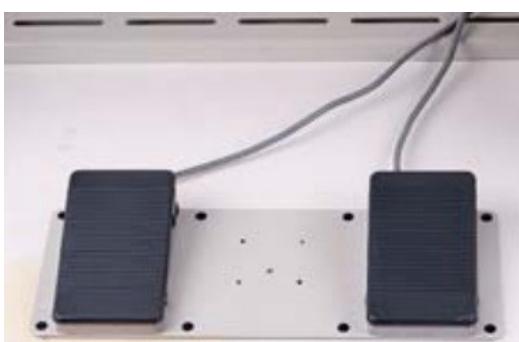
The machine is equipped with a central lubrication system, which offers as minimum oil leaks on the garments as possible. The oil is placed in a central reserve, and lubrication monitoring gauge is installed on the side of the machine which is easy to observe.

WASTE MATERIAL COLLECTION SYSTEM

The machine is equipped with a with a special waste fabric transfer system, which is able to collect the residual fabric after the cutting procedure of the button hole. The system operated with compressed air, prevents the scattered fabric pieces and keeps the work environment clean for the operator.

**SEMI - SUBMERGED DISPLACEMENT OFFERS BETTER ERGONOMY**

HIKARI HBH-9280 innovative electronic eyelet button holter ma-



chine's is manufactured with a semi-submerged displacement. The machine is lowered to the table for better ergonomics. The factory installed two pedal construction offers high versatility and easy to operate environment.



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TECHNICAL SPECIFICATIONS

MODEL		HBH9820-00	HBH9820-01	HBH9820-02					
Thread trimmer	Upper thread	Normal length thread tail trim	Normal length thread tail trim	L1826	L2230				
	Bottom thread	None	Long thread tail trim	Short thread tail trim					
Application		Men's and women's clothing, casual,		Jeans, workwear					
Button hole types									
Button hole length		Eyelet: 8-50mm Straight: 5-50mm	Eyelet: 8-42mm Straight: 5-42mm	Factory option: L1826(18-26mm) L2230(22-30mm) Conversion options: L1422(14-22mm), L2634(26-34mm), L3442(34-42mm)					
Presser foot length		30 mm		26mm	30mm				
Standard hammer length		Factory setup: 22mm, option supplied with the machine: 30mm		Factory setup: 20mm, supplied with the machine: 24mm	Factory setup: 24mm, supplied with the machine: 28mm				
Optional hammer length		10, 12, 14, 16, 18, 20, 24, 26, 28, 32, 34, 36, 38, 42, 50 mm		10, 12, 14, 16, 18, 20, 22, 24, 26, 28 mm					
Max. sewing speed									
Needle type		DOX558 (Nm100)	DOX558 (Nm90)	DOX558 (Nm110)					
Stitch pitch									
Zigzag stitch width		1,5 - 5,0 mm (factory setup: 2,5mm)		1,5 - 5,0 mm (factory setup: 3mm)					
Bartack length									
Presser foot height		12 - 16 mm		16 mm					
Languages									
English, German, French, Italian, Spanish, Portugues, Turkish, Japanese, Chinese, Indonesian									
Power supply									
Single phase 110V/220V, Three phase: 200V/380V, 550W									
Compressed air									
0,5 Mpa (43,2l/min)									
Lubricant									
High Speed spindle oil									

