

CBH-1790A Series

COMPUTER-CONTROLLED, HIGH-SPEED,
STRAIGHT BUTTON HOLE MACHINE



Highest Level of Productivity with Beautiful sewing.

- Max. Sewing speed: 4,200 rpm.
- The work clamp lift driven by full closed-loop pulse motor, can switch between the first step and the second step optionally to enable positioning of material easy.
- World initiative new thread trimmer makes the thread end shorter and the noise lower.
- World initiative cutting direct-driven by pulse motor with low noise and vibration can optionally set multi-cut for different lengths of button hole.
- The oil-free needle bar prevents oil staining from the needle bar and thread take-up part.
- Creative take-up enhancing mechanism with the gravitation during fast-running makes the beautiful sewing.
- By changing different work clamp, the length of buttonhole can be adjusted from 6mm to 220mm. And Within the limit of 220mm, several buttonholes can be sewed in one time through console operation.
- Direct-driven by computer-controlled servo motor, the machine can start and stop quickly.



save power by using servo motor,
noise reduced by 3dB than old model.
save the oil by 1/3 through non-oil supply technology.

Specification

Sewing speed	Max. 4,200rpm, Normal 3,600 rpm; When the non-lubricated hook (optional) is used: 3,300rpm
Needle bar Stroke	34.6mm
Size of Cloth Cutting knife	6.4~31.8mm(1/4 " ~1-1/4 ")
Bartacking width	Max. 5.0mm (with special-specification part: Max. 10mm*)
Buttonhole length	Max. 41 mm (with special-specification part: 170mm)
Precision of needle throwing mechanism	0.05mm
Needle thread tension	Active tension (electronic thread tension control system)
Number of Stitches	Automatically computed from the size of the buttonhole and stitch pitch
Needle(at time of delivery)	DPx5(#11J)#11J~#14J
Hook	DP type, full-rotary hook
	Non-lubricated hook (optional)
Lift of the work clamp	14mm (17mm when the reverse-rotation needle-up function is used)
Auto-lifter	Provided as standard (closed-loop pulse motor type)
Needle throwing system	Closed-loop pulse motor drive
Cloth feeding System	Intermittent feed by closed-loop pulse motor
Cloth Cutting Knife System	Closed-loop pulse motor drive
Number of Standard patterns	30 patterns
Number of patterns that can be input	Max. 99 patterns
Bobbin thread winder	Built-in the machine head
Machine head drive system	Compact AC servomotor (direct-drive system)
Power requirement/Power consumption	Single-phase 220V~240V/500VA
Lubrication	Only the hook section needs a minute-quantity lubrication.
	No lubrication is required when the non-lubricated hook (optional) is used.
Lubrication oil	Oil No.5 (Equivalent to ISO VG7)
Total weight	112kgs

* The special-specification part is available on a special order. Please contact our branch or office in your area.

How to order?

CBH-1790A□S-□-□

Specification	Code	Model no.		Model no.	
Standard	S	Presser length	Code	Presser width	Code
For knits	K	Standard	0	10mm	X10
		6.4-120mm	Y12		
		6.4-220mm	Y22		



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