




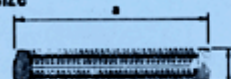


-- **KBH-780**

Name: HIGH-SPEED 1-NEEDLE LOCKSTITCH STRAIGHT
BUTTONHOLING MACHINE

Type: KBH-780



Description:

Type of stitching	Subclasses			
S Purl stitching  Standard	KBH-780 LBH-890	KBH-782	KBH-783	KBH-784
T Whip stitching with gimp 	/			
V Double whip stitching with gimp 	/			
	KBH-780 LBH-890	KBH-782	KBH-783	KBH-784
Stitch size 	9.4~22mm a (3/8"~7/8") 2.5~4.0mm b (3/32"~5/32")	9.4~33mm a (3/8"~1-19/64") 2.5~5mm b (3/32"~13/64")	9.4~40mm a (3/8"~1-37/64") 2.5~5mm b (3/32"~13/64")	16.5~48mm a (21/32"~1-57/64") 2.5~5mm b (3/32"~13/64")
Knife size 	6.35~19.05mm (1/4"~3/4)	6.35~25.4mm (1/4"~1")	6.35~31.75mm (1/4"~1-1/4")	12.7~38.1mm (1/2"~1-1/2")
Work clamp check size 	a 30mm(1-3/16") b 5.6mm(7/32")	a 40 mm(1-37/64") b 6.6 mm(17/64")	a 46 mm(1-13/16") b 6.6 mm(17/64")	a 53 mm(2-3/32") b 6.6 mm(17/64")

SPECIFICATIONS				
Model	KBH-780 LBH-890	KBH-780	KBH-783	KBH-784
Sewing speed	Max. 3,600 s.p.m.			
Needle bar stroke	34.6mm(1-23/64")			
Needle	DP x 5#11.#14			
Number of stitches	Adjustable from 54 to 345 stitches by changing the gears			
Lift of work clamp check	Max. 12mm (15/32")			
Knife	Rear knife system (In case of thread breakage, the safety device is activated to stop the knife.)			
Sewing hook	DP type special rotary hook (automatically lubricated)			
Lubricating system	Fully automatic lubrication (plunger pump is used in combination with returning pipe)			
Driving system	One belt is used, Two-step speed change, automatic stop-motion system			
Safety device	Prevent the work clamp check lifter and starting pedal from going into action at the same time. Equipped with emergency stop handle.			

FEATURES	
<p>Smoother lifting lever The improved lifting lever which moves smoothly will greatly reduce operator's fatigue.</p>	<p>Automatically sews double whip stitches with the gimp. Recognizable by sturdy and attractive buttonholes. (All other features are the same as "T")</p>
<p>Other features The lift of the work clamp check has been greatly increased (12mm) so that heavy-weight materials may be sewn easily. The number of stitches can be set at any value between 54 and 345 simply by changing the spur gears. The improved throat plate base, tension release cam and feed cam will provide still better buttonholing finish. Furthermore, change in the buttonholing size can easily be met by the use of exchangeable gauge.</p>	<p>Safety device to prevent knife from being dropped in case of needle thread break-age If the needle thread should break while sewing, this safety device will prevent the knife from being dropped, and therefore chance for damage to workpieces under process is eliminated. When you do not want to cut the fabric after sewing, keep on pressing the knife stop lever, and the knife will not be dropped.</p>
<p>With special design, this machine is available for flat and cylindric operation. It is suitable for sleeve and pocket.</p>	<p>Automatic One-pedal Unit This new unit incorporating an automatic device requires only one pedal operation to start or terminate buttonholing. The work clamp check</p>

comes down or goes up automatically through this automatic device developed. Accordingly, this unit may allow one operator to attend to two machines.

