

SP-1790A-S/K/SL Flat Buttonhole Sewing Machine



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 **Suprena**
DESIGN FOR JAPAN

www.suprena-sewing.com

	<p style="text-align: center;">SP-1790A-S</p>
<p style="text-align: center;">Model</p>	<p>The highest: 4,200rpm; In common use: 3,600rpm; While using no-refueling rotating shuttle(selected and purchased): 3,300rpm</p>
Sewing speed	34.6mm
Needle bar stroke	6.4~31.8mm(1/4"~1-1/4")
Size of cutter	The maximum 5mm(parts with special specification: The max. 10mm)
Width of noose	The maximum 41mm(parts with special specification: The max. 120mm)
Length of keyhole seam	Tension of clamping(electric line tension unit)
Needle thread tension	Size of keyhole is calculated automatically via sewing distance.
Mount of stitches	DPx5(#11J)#11J~#14J
Machine needle(equipment model while delivered)	DP full-rotating shuttle; Refueling free shuttle (optional)
Original Type	14mm(Reversing side 17mm)
Rising volume of foot presser	Standard equipment(pulse motor type)
Automatic lifting and pressing foot device	Pulsemotor drive
Drive mode of needle sewing	Pulse motor intermittent feed
Drive mode of feeding	Motor drive
Drive mode of cutter	30 patterns
Number of standard pattern	99 patterns at most
Number of memorable pattern	Head built-in
Coiling device of down thread	Small AC servo motor (direct drive)
Drive model of machine head	Single phase 220V~240V/1000VA
Electricity/electricity consumption	Microscale refueling in parts with rotating shuttle; No-refueling while using no-refueling rotating shuttle (selected and purchased)
Refuel mode	Parts with rotating shuttle: engine oil(equals to ISO Vg7)
Engine oil	75kg
Weight	