

LPWN series

High speed, Post bed, Large vertical axis hook,
Reverse stitch, Compound feed and walking foot, Lockstitch machines



LPWN-28BL

Variety



LPWN-8BL

Single needle, compound feed and walking foot, reverse stitch



LPWN-8BLC

Single needle, compound feed and walking foot, reverse stitch, thread trimmer



LPWN-28BL

Two needle, compound feed and walking foot, reverse stitch



LPWN-28BLC

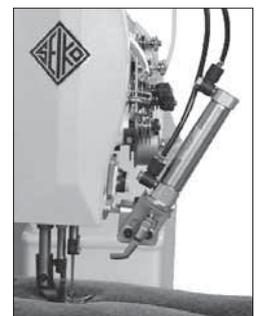
Two needle, compound feed and walking foot, reverse stitch, thread trimmer



Open/close simplified face plate
and upper feed mechanism



Large pulley
(O.D. 150mm)



Central guide (option)

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as boots, shoes, gloves luggage, handbags, awnings, covers and tents.



LPWN series

Features

- Totally renewed external appearance./adoption of advanced and massive arm design (realizing lower noise/less vibration).
- Improved exposure of arm-feeding mechanism components which provides safety environment.(mechanical part of alternating presser foot, foot lifter mechanism(knee lifter) and presser foot spring relevant parts)
Plain needle drop area/adoption of open/close simplified face plate which provides wide-ranged movement of sewn material.
- Adoption of feed-adjusting dial which eases determination process of stitch length.
- Advanced penetration required for sewing of thick material/adoption of large pulley(O.D. 150mm) which enables the needle bar to be positioned properly.
- Elongated work space/adoption of built-in bobbin winder which no longer require mounting process.
- Adoption of die-casting oil pan of which by-knee-lifter is built-in, aiming at efficient installment
- Standard equipment of long stitch (max.10mm) suitable for thick material and amount of alternative presser lift (max. 6mm)
- Post bed and wide working space makes it easy for sewing of large materials.
- Large vertical axis hook (Automatic hook lubrication).
- Safety clutch prevents the hook from being damaged.
- Automatic back tack (BT) and foot lift (FL) available. (-8/28BLC)
- Available in "THICK THREAD VERSION"(for heavier material). Add suffix "A" when ordering.



Built-in bobbin winder



Feed-adjusting dial

Specifications (LPWN-□)

Variety	8BL	8BLC	28BL	28BLC
Number of needle	Single needle		Two needle	
Max. sewing speed	2,400(s.p.m.)			
Max. stitch length	25/64" (10 mm)			
Clearance under presser foot	by knee		33/64" (13 mm)	
	by hand		21/64" (8.5 mm)	
Needle bar stroke	1-5/16" (33.2 mm)			
Needle(standard)	DPx17 (#24) , 135x17 (#180)			
Thread	#20~#5 (#5 standard)			
Hook	Large vertical axis hook			
Amount of lift of walking foot	7/64"-15/64" standard 1/8" (2.7 - 6 mm) (standard 3 mm)			
Thread take up lever	Slide type			
Lubrication	Semi-automatic lubrication			
Bed size	20-25/64"x 7" (518 x 177 mm)			
Post height	7" (178mm)			
Working space	10-5/32"x 11-11/32" (258 x 288 mm)			
Motor	Clutch motor	AC Servo motor	Clutch motor	AC Servo motor
Net weight (Head only)	51Kg	52.5Kg	53.5Kg	55Kg

NOTE: (1) Speed depends on threads, materials and type of operation
(2) Specifications subject to change without notice

Needle gauge list

Variety	Needle gauge size	
28BL/28BLC	1/16"(1.6mm) ~ 3/8"(9.5mm)	standard 1/4"(6.4mm)



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