

# LSWNH series

20 inch long arm and high arm, Large vertical axis hook,  
Compound feed and walking foot, Reverse stitch, Lockstitch machines.



LSWNH-28BL-20-1-BTFL

## Variety



### LSWNH-8BL-20-1

Single needle



### LSWNH-8BL-20-1-BTFL

Single needle, automatic back tack,  
automatic presser foot lift



### LSWNH-8BL-20-1-TA

Single needle, for thick thread



### LSWNH-8BL-20-1-TA-BTFL

Single needle, automatic back tack,  
automatic presser foot lift, for thick thread



### LSWNH-28BL-20-1

Two needle



### LSWNH-28BL-20-1-BTFL

Two needle, automatic back tack,  
automatic presser foot lift



### LSWNH-28BL-20-1-TA

Two needle, for thick thread

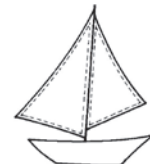
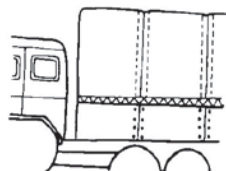


### LSWNH-28BL-20-1-TA-BTFL

Two needle, automatic back tack,  
automatic presser foot lift, for thick thread

## Applications

- For sewing medium to heavy weight materials such as leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as tents, covers, sails, awnings, tarpaulins, automobile upholstery.

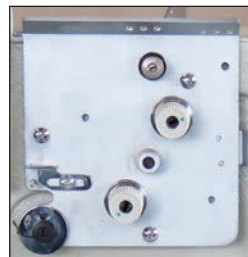


## Features (LSWNH-□)

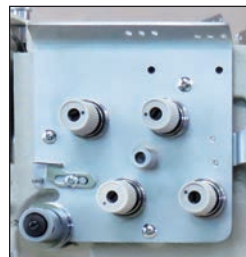
- Standard equipment of long stitch (max.10mm) suitable for thick material and amount of alternative presser lift (max.6mm).
- Adoption of feed-adjusting dial which eases determination process of stitch length.
- Plain needle drop area/adoption of open/close simplified face plate which provides wide-ranged movement of sewn material.
- Advanced penetration required for sewing of thick material/adoption of large pulley (O.D. 150mm) which enables the needle bar to be positioned properly.
- Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- Large capacity hook (2.0 times/Automatic hook lubrication) minimized the time to replace the bobbin thread.
- Safety clutch prevents the hook from being damaged.
- Adoption of double tension system for stable stitchment.



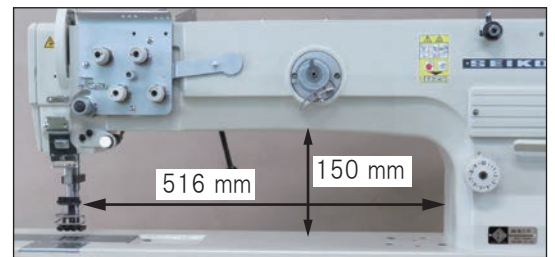
Built-in bobbin winder



Single needle



Two needle



Long and wide working space

## Specifications (LSWNH-□)

Variety	8BL-20-1 8BL-20-1-BTFL	8BL-20-1-TA 8BL-20-1-TA-BTFL	28BL-20-1 28BL-20-1-BTFL	28BL-20-1-TA 28BL-20-1-TA-BTFL
Number of needle	Single needle		Two needle	
Max. sewing speed	1,500 s.p.m.	1,300 s.p.m.	1,500 s.p.m.	1,300 s.p.m.
Max. stitch length	25/64" (10 mm)			
Clearance under presser foot	by pedal		5/8" (16 mm)	
	by hand		9/64" (8.5 mm)	
Needle bar stroke	1-25/64" (37 mm)			
Needle(standard)	DP x 17(#22) 135 x 17(#140)	DP x 17(#24) 135 x 17(#180)	DP x 17(#22) 135 x 17(#140)	DP x 17(#24) 135 x 17(#180)
Thread	#8 (standard)	#5 (standard)	#8 (standard)	#5 (standard)
Hook	Large vertical axis hook (2.0 times)			
Amount of lift of walking foot	1/8"-15/64" standard 5/32" [3 - 6 mm (standard 4 mm)]			
Thread take up lever	Slide type			
Lubrication	Semi-automatic lubrication type			
Bed size	30-45/64" x 7-1/64" (780 x 178 mm)			
Working space	20-5/16" x 5-29/32" (516 x 150 mm)			
Net weight(Head only)	61 Kg (BTFL : 62 Kg)		63 Kg (BTFL : 64 Kg)	

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



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