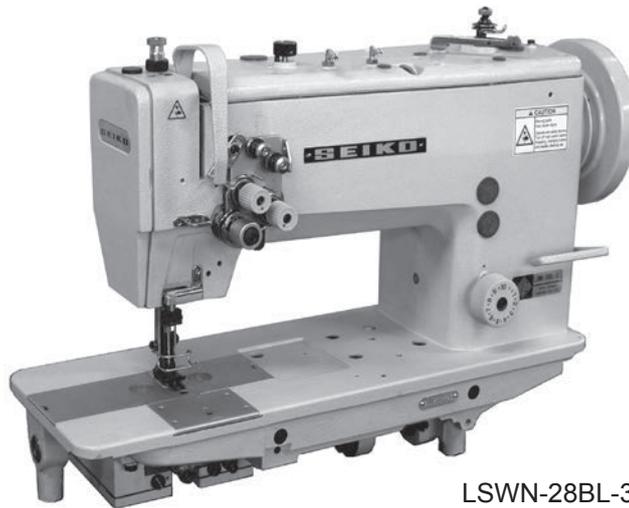


LSWN two needle series

High speed, Large vertical axis hook, Reverse stitch, Compound feed and walking foot, Lockstitch machine



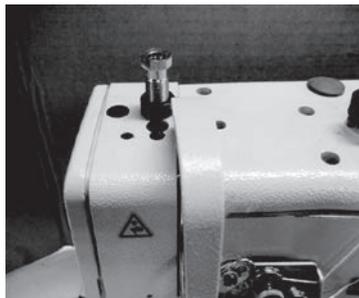
LSWN-28BL-3

Variety

LSWN-28BL-3

LSWN-28BL-3-TA

For thick thread



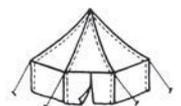
Pressure force can be adjusted simply and certainly with thumb screw at top.



Built-in bobbin winder that enables simple and fine adjustment of winding volume of threads

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as boat and furniture upholstery, tarpaulins, covers, awnings, tents, umbrellas, handbags, luggage, travelware accessories, sports and camping equipment, wearing apparel, outdoor clothing, footwear, foundation garments and orthopedic appliances.



LSWN two needle series

Features

- 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.
- Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- 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)
- Large vertical axis hook (Automatic hook lubrication).
- Safety clutch prevents the hook from being damaged.



Two needle

Specifications (LSWN-□)

| Variety | 28BL-3 | 28BL-3-TA |
|--------------------------------|--------------------------------------|--------------------------------|
| Number of needle | Two needle | |
| Max. sewing speed | 2,600 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 (#22) , 135x17 (#140) | DPx17 (#24) , 135x17 (#180) |
| Thread | #8 (standard) | #5 (standard) |
| Hook | Large vertical axis hook (2.0 times) | |
| Amount of lift of walking foot | 1/8"-15/64" (3 - 6 mm) | standard 5/32" (standard 4 mm) |
| Thread take up lever | Slide type | |
| Lubrication | Semi-automatic lubrication type | |
| Bed size | 20-25/64"x 7" (518 x 177 mm) | |
| Working space | 10-5/32"x 4-21/64" (258 x 110 mm) | |
| Motor | Clutch motor | |
| Net weight(Head only) | 45 Kg | |

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

Needle gauge list (LSWN-□)

| Variety | Needle gauge size |
|------------------|---|
| 28BL-3 | standard : 1/4"(6.4 mm), 5/16"(7.9 mm), 3/8"(9.5 mm), 1/2"(12.7 mm), 3/4"(19 mm) special : 1/8"(3.2 mm), 3/16"(4.8 mm), 5/8"(15.9 mm), 1"(25.4 mm), 1-1/4"(31.8 mm), 1-1/2"(38.1 mm) |
| 28BL-3-TA | standard : 3/8"(9.5 mm) special : 1/4"(6.4 mm), 5/16"(7.9 mm), 1/2"(12.7 mm), 3/4"(19 mm) |



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