

MO-6914C-BD6-307/X81028

High-speed, Cylinder-bed, 2-needle Overlock Machine (Variable Top-feed type)

This sewing machine is the
variable top-feed type
 model MO-6900C.
 (High-speed, Cylinder-bed, 2-needle Overlock Machine)



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The cylinder bed enables the machine to demonstrate highly-reliable sewing performance and finish beautiful seams.

The machine comes with the top feed dog that moves along an ideal locus. The feed dog securely catches the material and allows the multi-layer portion of a material to be fed under it with consistency. In addition it helps finish uniform seams while preventing the presser foot from jumping and smoothly feeds the material without fail.

Compact-shape of the cylinder effectively prevents the material from being fed unevenly and from twisting in various kinds of sewing of tubular materials eg., joining sleeve cuffs of which diameter is small and blind hemming long materials.



Cylinder is best-suited to runstitching and blind hemming of tubular sewing products.

With its maximum sewing speed of 7000sti/min., the machine demonstrates its capabilities when sewing long materials.

The machine achieves the highest sewing speed among cylinder-bed, variable top-feed overlock machines. It demonstrates its sewing capabilities especially when blind hemming long materials. In addition, it is not necessary to reduce the sewing speed even if the material thickness changes by a large margin at joints or the like.

SPECIFICATIONS

| Model name | MO-6914C-BD6-307/X81028 |
|---|--|
| Stitch type (in the U.S.A.) | 2-needle overlock (514) |
| Max. sewing speed | 7000sti/min (longitudinal stroke of top feed dog is 6mm or less) 6000sti/min (longitudinal stroke of top feed dog is 6~8.5mm) |
| Stitch length | 0.8~3.5mm |
| Stitch adjusting method | By push-button |
| Needle gauge | 2.0mm |
| Overedging width | 3.2mm |
| Bottom differential feed ratio | For gathering 1:2.3 , For stretching 1:0.8 |
| Needle bar stroke | 24.5mm |
| Inclination angle of the needle | 20° |
| Needle | DCx27 |
| Vertical stroke of top feed dog | 3.5~8.5mm |
| Longitudinal stroke of top feed dog | 1~7.5mm |
| Max. lift of the presser foot | 6.5mm |
| Max. presser foot pressure | 63.7N (6.5Kg) |
| Bottom differential feed adjusting method | By lever (with micro-adjustment) |
| Top differential feed adjusting method | By lever (with micro-adjustment) |
| Lubrication | Automatic |
| Lubricating oil | JUKI Machine Oil 18 (equivalent to ISO VG18) |
| Micro-lifter | Provided as standard |

*"sti/min" stands for "Stitches per Minute."

The machines can be quickly adjusted at time of material changing.

A proper combination of the presser foot pressure and the top feed dog pressure is the key to achieving a secure feed of the material without damage or jumping. For the MO-6914C, the respective pressures can be independently adjusted and the adjustment value can be visually checked. This enables the operator to reproduce the combination of pressures that best suits the type of materials to be sewn and the sewing process to be carried out.



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