

May 19, 2010

The "MF-7200D Series" small-cylinder-bed, top and bottom coverstitch machine employing the semi-dry- head technology has been launched.



JUKI launches the "MF-7200D Series Semi-dry -head, Small-cylinder-bed, Top and Bottom Coverstitch Machine."

This sewing machine is the world's first "dry head type" small cylinder-bed coverstitch machine. Since the forced oiling inside the frame is eliminated, oil no longer seeps from the frame. This substantially reduces oil stains in the sewing stage.

The MF-7200D is a new product line which follows the predecessor "semi-dry head type" coverstitch machines, the MF-7700D Series (flat bed, top and bottom coverstitch machine) and the MF-7800D Series (cylinder-bed, top and bottom coverstitch machine) launched in July, 2009.

In the top and bottom coverstitch machine categories, the MF-7200D Series belongs to the small cylinder-bed category. This Series has achieved the smallest cylinder diameter within the category. With the MF-7200D, the hemming and covering of small tubular shape sewing products such as the "sleeve cuffs" of sportswear and ladies' cut and sewn garments and the "necklines" of children's wear can be carried out with ease, thereby improving the seam quality and increasing the sewing efficiency.

In line with the recent growing trend in the knit market, JUKI has been working toward the strengthening of its product lineup. JUKI is responding to the growing demands from this expanding knit market for sewing machines for knits with its oil-stain preventing "dry head type" coverstitch machines, such as the newly launched MF-7200D Series, as well as the MF-7700D Series and MF-7800D Series.

Features

Workability

- Outer circumference of the cylinder section has been reduced to 176 mm (*), which is the smallest cylinder-section diameter in the industrial sewing machine industry. The sewing machine is therefore able to sew small tubular products with ease.

* As measured at the circumference of the needle entry section of the small cylinder-bed sewing machine category

- The distance from the needle entry to the top end of the cylinder-bed has been reduced to 36 mm, thereby facilitating the sewing and handling of the sharp curves of the armholes of children's wear. Since the top end of the cylinder bed has been cut aslant, placement/removal of the material on/from the sewing machine is carried out with ease.
- The distance from the needle entry to the top end of the root of the cylinder-bed has been increased to 65 mm, thereby ensuring easier sewing of the long sleeve cuffs of sweat shirts.
- As the world's first small cylinder-bed coverstitch machine provided with a semi-dry-head, the MF-7200D Series is not only able to reduce the number of defective products due to oil stains, but also helps increase the work efficiency of the entire plant since the workload required in the stain removing process is substantially reduced.

Simple maintenance mechanism

- The micro-lifter keeps the presser foot in a slightly raised position during sewing. This system is effective in helping prevent troubles such as slippage, warpage or damage to elastic materials or delicate materials.
- The differential feed amount can be finely adjusted by means of the differential-feed micro-adjustment mechanism, thereby producing consistent and beautiful seams free from irregular feed even when using elastic materials. The differential feed ratio remains constant even when the stitch length is changed.

Environmental consciousness

- The achievement of the semi-dry head prevents oil splashing from the frame. As a result, the quantity of stain remover used in a sewing plant is reduced.
- The newly-developed control box is provided with an energy saving mode to reduce power consumption when the sewing machine motor is at rest. (For sewing machines provided with the automatic thread trimmer/auto lifter controlled by the SC-921)
- As compared with the conventional models, the MF-7200D Series achieves a reduction in power consumption by approximately 10 %. (For sewing machines provided with the automatic thread trimmer/auto lifter controlled by the SC-921)

Improved responsiveness

(* only for sewing machines provided with the automatic thread trimmer/auto lifter)

- Since the timing-belt drive method has been adopted, the sewing machine demonstrates excellent responsiveness at the beginning and end of sewing without causing any driving power loss. Since belt abrasion powder is no longer produced, sewing products are not stained.