

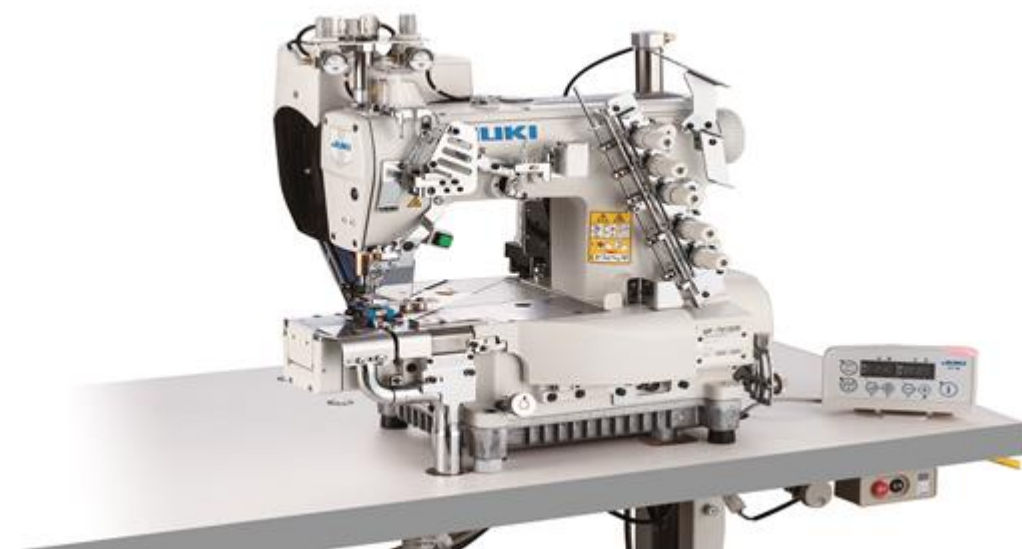


**JUKI**

JUKI CORPORATION

December 22, 2016

**The world's first sewing machine provided with the digital type belt top feed mechanism,  
"MF-7900DRH24 Series,  
Semi-dry head, Cylinder-bed, Bottom Coverstitch Machine with digital type top feed / For  
hemming "MF-7900DRH24 Series, <with left hand fabric trimmer> is newly launched**



JUKI will launch the world's first sewing machine MF-7900DRH224 Series of "Semi-dry head, cylinder-bed coverstitch machine with digital type top feed/for hemming" that is able to stabilize the feed of material with a belt which is newly installed to the top feed side of its top-and-bottom feed mechanism, as well as is able to store the feed amounts in memory, from December, 2016 for the overseas market and from January 5, 2017 for the domestic market.

The MF-7900DRH24 Series is a sewing machine for hemming sleeve cuffs and bottoms of knit materials used for sportswear and underwear.

Since knit materials are elastic, the material being fed is likely to become unstable before or after the needle, causing a stitching failure. New-material fabric is particularly difficult to sew since it is manufactured utilizing newly-developed fibers and weaves.

This Series of sewing machine is the world's first model which has adopted a belt for the presser of the top feed mechanism. The newly adopted belt grips the material securely to achieve the material feed operation that is best-suited to the material being sewn. As a result, consistent stitches are produced with stability to contribute to significantly improved quality. In comparison with the conventional presser, the belt type top feed achieves soft contact to the material, thereby preventing the material from getting presser marks and shining particularly when using a light-weight material and black material.

Furthermore, the sewing machine is able to quantify the top feed amount and to store it in memory of the operation panel. As a result, the ideally suited stitches can be reproduced on a material-by-material basis and reduces the setup time.

JUKI will continue to support customers who are aiming at the improvement in sewing capabilities when using new material fabric and knitted cloth for producing knit products such as sportswear and underwear. We also make the best efforts to help the customers to develop the most desirable sewing plants through the proposal of "JUKI Smart Solutions" so as to resolve their challenges such as an increase in productivity and promotion of labor-saving, deskilling, ease of working and quality.

## ◆ Features

### **(1) Improvement of stitching quality that matches new materials**

#### ① Provided with the top feed mechanism using the belt

This mechanism prevents problems, such as twist of fabric, uneven material feed, skew of grain and stitch gathering on multi-layered sections of material, which are likely to occur when sewing elastic materials, thereby achieving stable seam quality.

#### ② Flat and soft seams

The sewing machine produces seams with no semi-cylindrical swells by performing sewing while making the feeding lengths of the right and left needle threads equal.

### **(2) Fabric damages of sewn products are eliminated.**

The digital type top feed mechanism smoothly and consistently feeds the material straight, thereby preventing wobbling of the material. In comparison with the differential top and bottom feed mechanism, the top feed mechanism does not leave damages and marks on the material even when a light-weight material is used.

### **(3) Improvement of workability and operability**

#### ① Digital setting of top feed

The digital setting of top feed performance can be easily achieved with the operation panel and jog dial. The top feed also demonstrates smoother feed of multilayered sections of the material.

(Top feed amount is adjustable and as many as five patterns of the top feed amount can be stored in memory.)

#### ② Reduction in setup time

Digital setting of the top feed mechanism enables easy adjustment of sewing even when the product to be sewn is changed, thereby reducing the setup time.