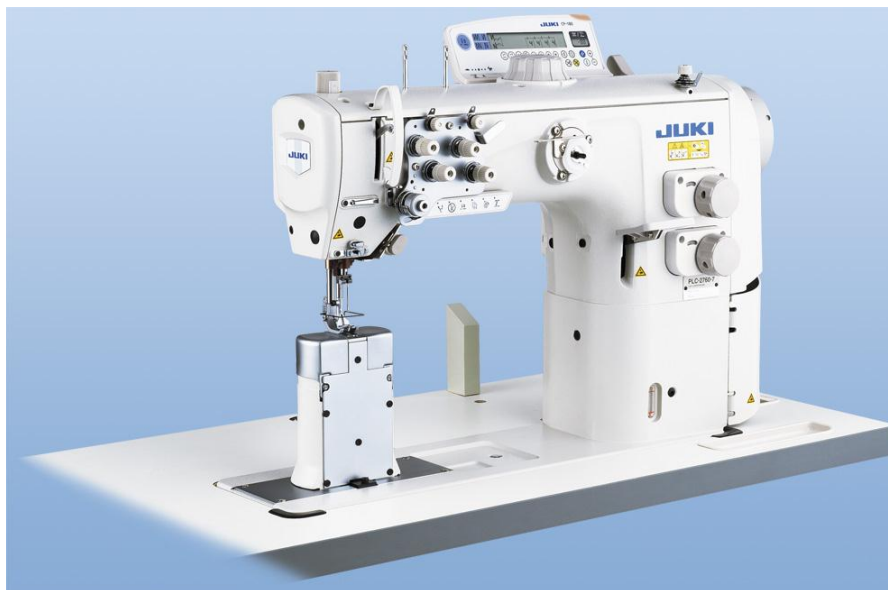


June 12, 2013

**Long Distance from Machine-arm to Needle Improves Workability
Launching New Post-bed, Unison-feed, Lockstitch Machine
with Vertical-axis Large Hook “PLC-2700 Series”**



JUKI will release newly developed non-apparel machine “PLC-2700 series / Post-bed, Unison-feed, Lockstitch Machine with Vertical-axis Large Hook” which is best-suited for sewing the top stitches on the curved and 3D surface of Large and Heavy materials such as Car seats, Sofas and Sports Goods from June in overseas markets and from July in Japan.

Post-bed machine is specialized for 3D sewing having the sewing place on the top of a “post”, best-suited for sewing borders of the 3D curved surfaces, and for topstitching on tubular materials for decoration, which are difficult to keep the quality and productivity by using a flat-bed machine.

This model achieved the industry-leading large size of the sewing space. The distance from the machine arm to the needle has become 36% wider (255mm to 347mm) and 14 % higher (260mm to 296mm) than the current model, which enables easy handling of large materials. Thus the workability is substantially improved.

Due to the adoption of the sewing mechanism same as the LU-2810 series (Semi-Dry Head, Direct-drive, 1-needle, Unison-feed, Lockstitch Machine with Vertical-axis Large Hook), a high-grade non-apparel model launched since last December, this model has achieved strong and smooth feed of many kinds of heavy-weight materials and ensures consistent seams with adequate thread tightness. Also the 6-string switch is placed close to the hand of operator which enables six detailed settings while sewing, thereby improves operability.

Along with the LU-2810 series, JUKI will increase our sales by this model with highly improved function and performance for large and thick material sewing.

◆Features

●Improved Workability and Operability

■Large Sewing Space Improves Workability

- The distance from the machine arm to the needle has become 36% wider (255mm to 347mm) and 14 % higher (260mm to 296mm) than the current model which enables easy handling of large and thick materials. Thus the workability is substantially improved.

■Multi-functional 6-string Switch (adopted to the machine with thread trimmer) enables Easy Changeover of Sewing Variations

- The 6-string switch which can change over the six detailed settings while sewing such as the needle thread tension (single or double) and the amount of the alternating vertical movement etc. is placed close to the hand of operator.

●Top Class Sewing Performance

■Responding to Various kinds of Materials

- Thanks to the mechanisms such as the alternating vertical movement and the adjustment of the vertical movement of the bottom feed etc., the machine is best-suited for sewing multi-layered parts, achieves strong and smooth feed of heavy weight materials and consistent seams with adequate thread tightness.

■Responding to Changes of Material Thickness by Alternating Vertical Movement

- Due to the adoption of the feed mechanism with less variance on the balance of the alternating vertical movement, the machine can respond to the changes of materials in various kinds. The maximum amount of the alternating vertical movement is 9mm, which can be adjusted with ease by the large dial installed on the upper section of the machine.

■Stitch Length can be changed over instantaneously by one sewing machine.

- The machine with a thread trimmer is provided as standard with a 2-pitch dial. One unit of the machine can instantaneously change over the stitch length.

●Environmental Consideration

■High-torque Direct-drive Motor is installed

- The machine with a thread trimmer has adopted the industry's first high-torque direct-drive motor which is suitable for sewing heavy-weight materials. As a result, the machine increases the needle thrust power on multi-layered sections and excellent at its responsiveness after pressing the pedal. This model contributes to the energy-saving by reducing the power consumption 30% lower than the current model.

■All Models Adopt Semi-Dry Head Preventing the Leakage of Waste Oil

- The PLC-2700 series have adopted a semi-dry head which prevents the leakage of waste oil from the face plate area, thereby reducing the product failure by oil stains.

■Reduction of noise and vibration

- By reducing the weight of the components in the face plate area and changing the gears of the hook to bevel gears, the machine makes a smooth power transmission, thereby reducing the noise and vibration.