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**For substantial reduction in the machine time
Computer-controlled eyelet buttonholing machine
<for jeans and cotton pants> “MEB-3810 Series” is newly launched.**



On the 1st of August, JUKI launches its latest eyelet buttonholing machine "MEB-3810 Series" for sewing eyelet buttonholes on jeans and cotton pants. This model substantially increases productivity by reducing the machine time by approximately 22 %, not only through an increased buttonholing speed of approximately 12 % as compared with its predecessor model, but also through an improved perforating and cutting (cloth trimming) method, etc.

The eyelet buttonholing machine automatically carries out buttonholing and perforating and cutting (cloth trimming). Various improvements have been made to this model of sewing machine as a buttonholing machine specifically designed for heavy-weight pants such as jeans and cotton pants, thereby achieving increased productivity.

The perforating and cutting (cloth trimming) mechanism has conventionally been driven by a motor. Adoption of an air-driven mechanism instead of the motor-driven one contributes to increased cloth trimming speed. In addition, adoption of an LED light and relocation of the cloth trimming knife to the operator side improves viewability of the area around the needle entry, thereby improving workability.

Furthermore, adoption of the retractable bottom cover allows the operator to carry out daily maintenance (threading, looper thread adjustments, cleaning, etc.) without raising the machine head.

JUKI expects to increase sales by launching the MEB-3810 Series, which promises substantially-reduced machine time and achieves increased productivity and consistent seam quality, in the overseas markets, including those countries in which importance is attached to an increase in productivity.

◆ Features

● Increased productivity

- The MEB-3810 reduces the machine time by approximately 22% due to its maximum sewing speed of 2,500 sti/min and its speed-up cloth cutting knife, thereby demonstrating increased productivity.
- Then newly adopted direct-driven main shaft by means of a compact AC servomotor not only achieves enhanced responsiveness, but also achieves both reduced noise and reduced vibration. In addition, the machine has adopted an air-driven cloth cutting knife which promises excellent responsiveness and operates faster than the conventional knife.

● Improved workability and operability

- Projection of the arm frame of the machine head has been reduced. In addition, the cloth cutting knife is located closer to the operator side as compared with the conventional model. Viewability, when placing the material on the sewing machine, is improved, thereby contributing to improved workability.
- The surface onto which the material is placed is flattened (for the machine with an overall thread trimmer). The material can, therefore, be placed on the machine with ease to improve workability.
- An LED light is provided as standard on the underside of the jaw of the machine head. The area around the needle entry is thus brightened to improve workability.
- A retractable bottom cover is adopted. Daily maintenance (threading, adjustment of the looper thread, cleaning, etc.) can be carried out without raising the machine head.

● Quality improvement

- For the needle thread tension control, JUKI's unique active tension mechanism is adopted to electronically control the needle thread tension during the stitching cycle. As a result, improved seam quality is achieved. In addition, the sewing capabilities have been improved to prevent stitch skipping, as well as to produce well-tensed seams.
- Two different thread trimmers are available; the overall thread trimmer and the needle thread trimmer.

The overall thread trimmer has been newly designed putting importance on productivity. It promises thread trimming without fail and trims the thread in a short time. The operator is no longer required to carry out fine adjustments of the thread trimmer when changing the sewing length.