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Computer-controlled, High-speed, Bartacking Machine "LK-1900B Series" which is provided with the new "operation panel", promising further improved convenience-to-use and operability, is launched



JUKI has launched its computer-controlled, high-speed, bartacking machine "LK-1900B Series". It comes with the new "operation panel" which not only improves convenience-to-use and operability but also responds to the market demand for increased productivity of the sewing machine in respect of the sewing of more and more diversified materials and designs.

The bartacking machine is used for sewing shoulder straps on brassieres and for sewing reinforcing stitches on pocket mouths and crotches of slacks. It is therefore mainly used at the final sewing process, which means the bartacking machine determines the finished quality of sewing products.

For the LK-1900B, the operation panel which is used for setting sewing patterns has been redesigned to improve convenience-to-used and operability. The new operation panel with the LCD which provided improved viewability and is able to display detailed sewing data allows the operator to check the sewing pattern with ease. In addition, the number of patterns that can be stored in memory has increased five-folds (i.e., from 20 to 99). This feature helps improve convenience-to-use when sewing products such as jeans on each of which various kinds of bartacks has to be sewn. Furthermore, the new operation panel is provided as standard with a "USB port" for inputting/outputting sewing data as well as is able to display explanations in 14 different languages for improved operability, though those features were conventionally

supported with the optional operation panel.

The LK-1900B comes in five different types; i.e., S type (standard), H type (for heavy-weight materials), F type (for foundation), M type (for knitted fabric) and W type (with large hook for heavy-weight materials), to allow the customer to select an appropriate one according to the desired application. In addition, eyelet buttonhole bartacking machine (LK-1901B), belt-loop attaching machine (LK-1902B) and button sewing machine (LK-1903B) are available as subclass models.

JUKI expects to expand its sales with this Series with the world's highest class sewing speed which not only improves convenience-to-use and operability but also responds to the sewing of many different kinds of sewing products.

◆ Features

● Higher productivity.

- The machine achieves sewing speed of 3,200sti/min. The machine's starting, stopping, thread-trimming and automatic presser lifting speeds have been increased to significantly shorten total cycle time.

● Excellent workability and operability.

- The memory storage capability of the main body of the sewing machine has been dramatically enhanced. Now the USB-ready main body of the sewing machine uses many different kinds of media. The main body of the sewing machine is provided as standard with a USB port. Now, data can be input/output to/from various kinds of media (SD (Secure Digital Card), CF (Compact Flash), etc.) by means of a USB thumb device and a card reader.
- The operator can easily check the shape of the pattern displayed by the new standard liquid crystal panel.
- The machine is provided as standard with many different sewing patterns. As many as 99 different cycle sewing patterns, each of which combines a maximum of 99 different sewing patterns, can be stored in the memory.
- The LK-1900B Series is also able to sew bartacks but using the same data used for the LK-1900 Series (EP-ROM).

● Energy saving

- An encoder is installed in the pulse motor, thereby achieving substantially improved power-consumption saving. This sewing machine reduces power consumption by 15% as compared with the conventional models.

● Many application and subclass machines

- The LK-1900B model comes in five different type models, such as S type (standard), H type (for heavy-weight materials), F type (for foundation), M type (for knitted fabric) and W type (with large hook for heavy-weight materials), to offer a choice according to any application.
- As subclass models of the LK-1900B Series, LK-1901B (computer-controlled, high-speed, bartacking machine for eyelet buttonholes), LK-1902B (computer-controlled, high-speed,

belt-loop-attaching machine) and LK-1903B (computer-controlled, high-speed, lockstitch, button sewing machine) are available. The sewing pattern data (such as the number of stitches, sewing size, etc.) can be changed through the operation panel with ease using panel.