

September 20, 2024

## Announcing the launch of the new LK-1900C High-speed Electronic Bartacking Sewing System

The first certified product under the JUKI SUSTAINABLE PRODUCTS initiative for contributing to a sustainable society.



In August, JUKI CORPORATION launched the phased sales of the LK-1900C high-speed electronic bartacking sewing system. This versatile sewing machine can be used for various processes such as bartacking (the reinforcement of sewing sections) and the attachment of belt loops or buttons.

The LK-1900C, the first certified product under the JUKI SUSTAINABLE PRODUCTS\* certification system, is a full model change of the LK-1900BN. This high-speed electronic sewing machine improves productivity and operability while reducing power consumption and enhancing the working environment for operators.

In line with our management philosophy committed to the SDGs (Sustainable Development Goals), we are launching this product as part of our initiative to actively design, manufacture, and market sustainable products.

\* An in-house certification system that evaluates products based on the “Sustainable Assessment” and JUKI ECO PRODUCTS criteria. Certified JUKI SUSTAINABLE PRODUCTS are more environmentally conscious and contribute to the building of a sustainable society.

## [Features]

### ■ High Productivity

The LK-1900C achieves a world-class sewing speed of 3,300 sti/min. A new mechanism enhances the rigidity of the machine drive section, and an optimized lubrication method enables higher-speed performance.

The sewing speed of the large hook (1.8x hook) has been significantly increased to 3,000 sti/min. By halving the thread change frequency, the machine achieves substantially higher productivity and decreased downtime. (The LK-1900BN has a maximum sewing speed of 3,200 sti/min.)

### ■ Improved Operability

A built-in LED marking light with an adjustable beam width makes it easier to align and set the fabric for bartack stitching while eliminating unnecessary movements.

With the new vertical control panel installed on the side of the machine head, the operator never has to look away from the machine as it sews.

The new table surface can be used for wider-ranging applications and is still suitable for tabletop installation when needed.

### ■ Various Sewing Patterns

Compared with the 51 standard patterns available with the previous model, the LK-1900C offers 100 standard patterns and can store up to 999 customizable patterns (500,000 stitches).

## [Sustainable Items]

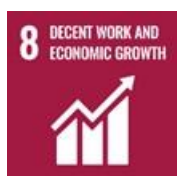


“Power supply, packaging, and head-integrated electrical equipment”

The LK-1900C high-speed electronic bartacking sewing system, the very first JUKI product to earn the JUKI SUSTAINABLE PRODUCTS certification, helps mitigate CO2 emissions and reduces energy consumption by 25% compared to the previous model. These improvements are

achieved through the adoption of an energy-saving motor and unique servo-control technology.

And as a further step to limit resource waste, reductions in the packaging size and in packaging materials such as vinyl have enhanced the shipping efficiency.



“Two-color LED, low-noise, low-vibration, eye-guard”

The machine is equipped with a two-color (white and light bulb color) LED light programmed with 5 illumination and 10 color temperature settings to reduce eye fatigue in operators who are working for long hours.

Noise and vibration during operation have also been significantly reduced from the previous model, for an improved working environment.

Machine noise has been reduced by approximately 40%. This alleviates ear stress.

Machine vibration has been reduced by approximately 7%. This enhances work stability.

The movable eye guard automatically lowers into place at the start of sewing. When the sewing stops, it rises back up to improve the view of the needle and workspace in the fabric setting stage.

(\*Movable eye guard kit: Part number 40297869)