



Product Sheet

Juki LK-1900BN

Category: Industrial sewing machines

Juki LK-1900BN series – Computerised overlock machine

The Juki LK-1900BN is a fast and reliable reinforcement sewing machine with up to 3,200 stitches per minute. With active thread tension, improved thread management and automatic functions, it delivers stable, even seams without tangles. The series offers high productivity, low noise levels and is also available in a model adapted for underwear and garments in direct contact with the skin.

- Efficient thread management
- Versatile sewing options
- Energy efficient and powerful

Product description

Juki LK-1900BN series – computer-controlled high-speed overlock machine

The Juki LK-1900BN series is an innovative, computer-controlled reinforcement sewing machine developed to deliver high productivity, precision and reliability. The advanced active thread tension mechanism ensures even and stable stitches, while improved thread management eliminates problems such as thread tangles and reduces the need for manual cutting.

With a maximum sewing speed of 3,200 stitches/min and a significantly faster cycle for start, stop, thread cutting and presser foot lift, the LK-1900BN series has been optimised to maximise production efficiency. Despite its high performance, the machine has low noise levels and minimal vibration, providing a stable and comfortable working environment.

The LK-1900BN-BS model is particularly suitable for garments that come into direct contact with the skin, such as bras and camisoles, thanks to its bird's nest prevention and short thread end function, which provides a soft and smooth finish.

Description

- High productivity – Sewing speed up to 3,200 stitches/min, faster start, stop and thread cutting.
- Efficient thread management – Prevents tangles and reduces thread ends for less rework.
- Versatile sewing options – 51 pre-programmed patterns, expandable with 150 additional patterns.
- Energy efficient and powerful – 450W AC servo motor with direct drive for stable performance.
- Complete workstation – Comes with table and stand for immediate use.

Comes complete with:

- Table
- Stand

Model-specific features

- **The LK-1900B-SS** is the standard model, designed for general reinforcement sewing.
- **The LK-1900B-HS** is optimised for heavy materials and provides extra strength in reinforcement seams.
- **The LK-1900B-FS** is designed for knitted materials and provides elastic, durable seams.
- **The LK-1900B-MS** is adapted for both knitted and soft materials, making it flexible for different applications.
- **LK-1900B-WS** has a larger hook, which allows the use of thicker thread and materials in reinforcement sewing.

Additional features

- **LK-1900B-BE** has features to prevent thread tangling and short thread ends, reducing rework. It is particularly suitable for garments that come into contact with the skin, such as underwear and vests.

- The **LK-1901B-BS** is a special model for eyelet buttonhole bar tacking, supporting 11, 12 and 13 stitch buttonholes.
- The **LK-1902B-SS and HS** are designed for belt stitching and reinforcing heavy materials, making them ideal for robust applications.

Technical Specification

Machine Specifications	
• Maximum sewing speed	• LK-1900B-SS, HS, FS, MS: 3,000 stitches/min • LK-1900B-WS: 2,700 stitches/min
• Sewing area	30 mm (L) × 40 mm (W)
• Stitch length	0.1–10 mm
• Needle bar stroke length	41.2 mm
• Press foot lift	• Standard: 14 mm • With reverse needle lift function: 17 mm
• Number of stitches in memory	30,000 stitches
• Number of stored sewing patterns	200 patterns (up to 150 can be deleted and replaced with new ones)
• Engine	450W AC servo motor (direct drive) provides high precision and energy efficiency
• Power supply	250VA for stable operation
• Lubrication	Automatic lubrication with minimal lubrication requirements, reducing maintenance
• Weight of the machine head	42 kg, robust and stable construction
• Control unit	5.6 kg, lightweight and compact for easy handling