LK-1850 SERIES
High-speed, 1-needle, Cylinder-bed Lockstitch Bartacking Machine

Unprecedented reliability and operability. The LK-1850 series produces beautiful and stable sewing quality by low tension sewing. JUKI proudly presents this superior machine to contribute to higher quality and higher efficiency.

The LK-1850 series of high-performance bartacking machine has been improved for space-saving design, ease of operation, and higher quality.
**FEATURES**

1. **Low-tension sewing can be performed.** Furthermore, reliable thread trimming is ensured, leading to further improved seam quality.

In addition to the capability of low-tension stitching, the prevention of loose stitches at the start and end of sewing using synthetic threads is assured. The use of JUKI's unique thread trimming system, coupled with the low-tension sewing capability, have further upgraded the sewing performance. The formation of even stitches of high quality is assured regardless of the type or count of threads used.

2. **Great reduction of the pedaling pressure required has been achieved, helping reduce operator fatigue.**

The pedaling pressure required to lower the work clamp foot is only 500 to 700 g, and the pressure required for operating the starting pedal has been reduced by 1/2 that of previous machines. Also, the stroke of the starting pedal has been decreased by half: 15 mm. All these advantages enable the operator to enjoy easy and rhythmic sewing.

3. **Expanded sewing space.**

The lower clamping plate has been flattened and the feed cam has been made compact by limiting the sewing size and the number of stitches. This is a result in wider sewing area. Furthermore, the work clamp foot lift is as high as 17 mm. Thanks to these improvements, a workspace can be handled more easily without concern about the workpiece becoming caught in the cam.

4. **A maximum sewing speed of 2,300 st/min leads to higher efficiency.**

The machine features a higher sewing speed and shortened cycle time, and is provided with a new smooth thread winder. The machine has various other improvements that lead to higher efficiency, including a pedal that requires low pedaling pressure, a work clamp foot that ensures free finger action, and a face plate that allows the needle entry point to be seen at a glance.

### Subclass machines of the LK-1850 series of bartacking machines

<table>
<thead>
<tr>
<th>Model</th>
<th>Name</th>
<th>Number of stitches</th>
<th>Stitch diagram</th>
<th>Sewing size (mm)</th>
<th>Max. sewing speed (st/min)</th>
<th>Needle</th>
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<tbody>
<tr>
<td>LK-1850</td>
<td>Large size bartacking machine</td>
<td></td>
<td></td>
<td>2.5 (1.5 – 3)</td>
<td>2,300</td>
<td>DP x 5 # 14, # 16</td>
</tr>
<tr>
<td>LK-1850H</td>
<td>Large size bartacking machine for heavy-weight materials</td>
<td>42</td>
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<td>3 (1.5 – 3)</td>
<td>2,000</td>
<td>D x 3 # 23</td>
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<tr>
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<td>Large size bartacking machine for extra heavy-weight materials</td>
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<td>3.5 (1.5 – 3.5)</td>
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### Specifications

- **Model name**: LK-1850 series
- **Max. sewing speed**: 2,300 st/min 1 (1,800 st/min for synthetic thread)
- **Needle bar shape**: 4 # 2 mm
- **Lift of the work clamp foot**: Max. 17 mm
- **Hook**: Standard shuttle hook
- **Feed mechanism**: Material feed cam control system
- **Stitch adjusting system**: Provided with a needle feed adjusting lever
- **Thread trimming system**: Thread spreader interlocked with main shaft and thread trimmer interlocked with lifter
- **Winder**: Interlocked with lifter
- **Lubrication oil**: Centralized oil lubrication
- **Lubricating oil**: JUKI New Deleter Oil No. 2 (equivalent to 152 VG32)
- **Weight of the machine head**: 42.5 kg
- **Motor**: Single-phase/3-phase 200 W (1/4HP) induction motor

*"stitches per minute" stands for "Stitches per Minute*

### When you place orders LK-1850 U

Please note when placing orders, the model name should be written as follows:

- **Number of stitches**: 42 stitches
- **Code**: 9
- **Application**: Code A
- **For heavy-weight materials**: M
- **For extra heavy-weight materials**: G

To order, please contact your nearest JUKI distributor.

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*Features and appearance are subject to change without prior notice for improvement.*
*Read the instruction manual before putting the machine into service to ensure safety.*
*This catalogue prints with environment-friendly ink on recycle paper.*

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