



JUKI

JUKI CORPORATION

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China International Sewing Machinery & Accessories Show 2015 (CISMA 2015)

Information about JUKI products at the CISMA



<Appearance of JUKI booth>

JUKI will be taking part in China International Sewing Machinery & Accessories Show 2015 (CISMA 2015), a four-day event to be held from September 23 to 26 this year in Shanghai, China. JUKI has prepared a concept for the event: "**JUKI Smart Solutions** - Innovate Your Business with JUKI - (JUKI makes its full efforts to help the customers to achieve their smart & ecological factories). With this concept, the cutting edge space-saving products and smart sewing systems which achieve the highest production performance to manufacture high-quality products with the minimum number of operators will be on display.

Totally sixty-three industrial sewing machines will be introduced in eight line-solution sections and two demonstration sections.

In addition, totally seventeen household sewing machines will be on display. State-of-the-art household sewing machines and those for quilting will be introduced. "Hands-on experience" section will be prepared where the visitors can experience the use of JUKI household sewing machines.

<Overview of the JUKI exhibition booth>

Venue: Booth No. DO2, Hall No. W3, Shanghai New International Expo Centre

Allocated exhibition space: 775 m²

Number of models to be presented: Industrial sewing machine: 63 units,

Household sewing machine: 17 units Total: 80 units

* Please note that the models to be exhibited are subject to change due to circumstances.

< The sections for proposing the line-solutions for industrial sewing machines >

1. Section of line-solution for "men's wear and shirts"

This section introduces latest models of JUKI sewing machines, mainly automatic machines, for men's jackets, slacks and shirts all of which provide excellent material responsiveness and flexibility and are essential for increased productivity and improved quality.

2. Section of line-solution for "jeans and casual pants"

This section introduces sewing machines which achieve improved material responsiveness, increased productivity and improved quality without requiring operators to have skills. Mainly, automatic machines which are the key to the achievement of smart production will be introduced including a computer-controlled cycle machine which is able to perform topstitch on jeans' pockets and pocket setting with two different color threads without requiring change of thread.

3. Section of line-solution for "sportswear"

This section showcases solutions for responding to various customer requests on the assumption of sportswear.

Machines to be displayed include a dye sublimation transfer printer for printing logos or designs on polyester fabric, garment printer which is able to perform direct printing on cotton T-shirts, and a transfer print fixing press machine for fixing printed things to fabric. In addition, machines/equipment used for assembling techniques which replace sewing will be introduced including a ultrasonic welder, bonding machine and hot & cool press machine, etc.

4. Section of line-solution for "polo shirts"

On the assumption of polo shirts sewing line, this section exhibits the latest models of sewing machines including automatic center-plait sewing machine.

5. Section of line-solution for "car seats"

On the assumption of car-seat sewing line, this section showcases the cutting-edge unison-feed sewing machine provided with stitch skipping detecting capability, bobbin-thread remaining amount detecting capability and is equipped with a cover sensor; and computer-controlled cycle machine to sew decorative stitch.

6. Section of line-solution for "furniture"

This section introduces sewing machines which are best-suited for sewing furniture, such as sewing machine for heavy-weight materials, cross-stitching machine and super-long cylinder-bed unison-feed sewing machine.

7. Section of line-solution for "small leather articles"

This section exhibits sewing machines for heavy-weight materials which are best suited to the sewing of small articles such as bags and pouches.

8. Section of line-solution for "sports shoes"

This section introduces computer-controlled cycle machine added with special features for producing sports shoes with increased productivity.

< "Demonstration section" for industrial sewing machines >

1. Demonstration section for attachments

This section introduces JUKI's attachment technical service which contributes to increased productivity and improved quality while giving demonstrations of fabrication of attachments and sewing with those attachments.

2. Section of parts

This section exhibits JUKI's genuine parts. In addition, this section introduces production processes from parts manufacture, inspection through shipment featuring various quality-check activities carried out to ensure improved quality of our genuine parts.

< Household sewing machines section >

This section displays seventeen units of household sewing machines including the latest H Series of computer-controlled sewing machine and long-arm sewing machine specifically developed for quilting. Visitors to this section will also enjoy a hands-on experience of operation of JUKI's household sewing machines.

● Main models of sewing machines to be presented in the respective sections

◆ Section of line-solution for "men's wear and shirts"

LBH-1796AS <Computer-controlled, high-speed, lockstitch buttonholing machine (220-mm type) >

● Product overview

This model inherits the world's highest sewing speed, the machine head configuration with a deep recess and dry-head mechanism of the existing model LBH-1790A. In addition to these features, the LBH-1796AS achieves the stitch length of 220 mm.

● Features

The LBH-1796AS is able to sew three buttonholes successively. This means that the machine can also be used as a simplified indexer. In addition, the operator is able to attend two units of this model at a time without requiring assistance by other operator, thereby increasing utilization rate and productivity.

◆ Section of line-solution for "jeans and casual pants"

AMS-221ENTS3020SZ/X90002 <Computer-controlled cycle machine with input function (for 2-color-thread sewing and jeans-pocket attaching) >>

● Product overview

This sewing machine enables so-called overlap operation, i.e., the operator can set the subsequent pocket to be sewn on the machine while it is still engaged in the sewing of the pocket currently set,

thereby contributing to increased productivity. In addition, sewing operation is automatized to ensure consistent product quality.

- Features

The sewing machine starts sewing using the needle bar which is threaded with the first thread, temporarily stops during sewing to automatically change over the needle bar which is threaded with the different-color second thread and re-starts sewing. With its world's highest needle-bar changeover speed, the machine reduces loss of cycle time.

◆ Section of line-solution for "sportswear"

MF-7923D25E64/UT59/MC37 <Semi-dry head, cylinder-bed, 3-needle, top and bottom coverstitch machine (with a pneumatic type top and bottom thread trimmer / thread-fray-prevention device) >

- Product overview

The sewing machine has adopted the new thread take-up mechanism and new gauge, thereby eliminating semi-cylindrical swell of stitches.

- Features

Adoption of the new thread take-up mechanism enables the sewing machine to achieve soft seams. Thanks to the introduction of the new fabric-trimmer micro-adjust device, the trimming width can be changed with ease. In addition, the machine is provided with the cutting-edge mechanism which prevents thread-fray at the end of sewing with more reliability.

◆ Section of line-solution for "polo shirts"

AMS-221ENHS3020SZ5000NSF <Computer-controlled cycle machine with input function (for sewing polo-shirts front plackets) >

- Product overview

This sewing machine has been specifically developed for sewing front plackets of polo shirts. It automatically carries out a series of processes from sewing of the garment body and front placket of a polo shirt together through to cutting of the garment body.

- Features

This machine permits so-called overlap operation, i.e., the operator can set the subsequent material to be sewn on the machine while it is still engaged in the sewing of the material currently set, thereby contributing to increased productivity. Automatized operation allows an inexperienced operator to finish products of consistent quality.

LBH-1790AB <Computer-controlled, high-speed, lockstitch buttonholing machine (shorter-thread remaining type) >

- Product overview

JUKI's unique sewing-end shorter-thread remaining mechanism trims the thread remaining on the material at the end of sewing, thereby contributing to improved seam quality.

- Feature

Since the thread remaining on the material at the end of sewing is trimmed to 2.5 mm or less, the quality grade of finished products can be improved.

LK-1903BBS301 < Computer-controlled, high-speed lockstitch button sewing machine >

- Product overview

This model is the world's first sewing machine which is provided with two new functions, i.e., "bird's nest preventing" and "shorter-thread remaining" functions.

●Features

Thanks to the bird's nest preventing mechanism, seams on the wrong side of the material are finished neatly in comparison with the conventional models, thereby achieving high-value added garments that lay importance on soft texture.

JUKI's unique shorter-thread remaining mechanism trims the thread remaining on the material at the end of sewing shorter after the thread trimmer has trimmed it. As a result, the length of thread remaining on the material is shortened to 2.0 mm or less. In addition, the trimmed waste thread is accumulated by suction force. As a result, manual thread nipping after sewing is no longer required.

◆Section of line-solution for "car seats"

LU-2828A70BBS < Semi-dry direct-drive 1-needle, unison-feed lockstitch machine (with the shorter-thread remaining mechanism/ vertical-axis 2.7-fold hook/ automatic thread trimmer)

●Product overview

This sewing machine is best-suited to the sewing of car seats or the like. It is provided with a 2.7-fold hook and the shorter-thread remaining mechanism, thereby remarkably improving sewing capabilities and performance.

●Features

Thanks to the 2.7-fold hook, the amount of bobbin thread wound on a bobbin is increased. As a result, the bobbin change frequency is reduced, thereby contributing to increased work efficiency. The shorter-thread remaining type helps reduce operator's fatigue by eliminating manual thread nipping after sewing, thereby increasing productivity.

◆Section of line-solution for "furniture"

LU-2818AL70BBS < Semi-dry, 1-needle, unison-feed, lockstitch machine (with long-pitch sewing capability/ 2.7-fold hook/ automatic thread trimmer) >

●Product overview

This sewing machine is ideally suited to the sewing of furniture such as sofas due to its 2.7-fold hook and long-pitch topstitching capability both of which are essentially important for sewing furniture.

Longer distance from the machine arm to needle produces a remarkable effect on improvement of workability.

●Features

Because of the 2.7-fold hook, larger amount of bobbin thread can be wound on a bobbin, helping reduce the bobbin change frequency, thereby contributing to increased work efficiency. The long-pitch type machine is essential for topstitching furniture or the like.

◆Section of line-solution for "small leather articles and sports shoes"

AMS-221ENHS3020/PN-1 < Computer-controlled cycle machine with input function (with boring function) >

●Product overview

This sewing machine is best-suited to the sewing of sports shoes, bags, etc. It is able to perform two different processes of "sewing" and "boring" alone. It also eliminate problems such as material

misalignment, thereby increasing productivity.

- Features

Generally, the boring process is carried out separately from the sewing process. However, this sewing machine is able to carry out these two different processes alone. As a result, material misalignment which is likely to occur when re-placing the material on another machine for the boring process will no longer occur, thereby ensuring higher quality and increased productivity.

◆ Section for household sewing machines

H Series <Computer-controlled household sewing machine>

- Product overview

The new H Series household sewing machine comes in three different models (40, 80 and 180 types according to the number of sewing patterns stored) all of which store many different sewing patterns.

The HZL-80H Series which is able to sew 180 different patterns is also capable of sewing characters and stores favorite patterns in memory.

- Features

The sewing machine is provided with many helpful capabilities to improve ease of operation, such as the automatic threader; start/stop button which displays the sewing machine state by color; reverse feed stitching; thread knot sewing and direct pattern selection.