



JUKI

JUKI CORPORATION

March 2, 2016

JIAM 2016 OSAKA "Japan International Apparel Machinery & Textile Industry Trade Show"

Information on general outline of JUKI participation in JIAM 2016

JUKI will be taking part in 「JIAM 2016 OSAKA Japan International Apparel Machinery & Textile Industry Trade Show」, a four-day event to be held from April 6 (Wednesday) to 9 (Saturday), 2016 in INTEX OSAKA in Osaka, Japan to display JUKI products using the largest area in the venue.

With our new concept "JUKI Smart Solutions", JUKI will propose "Production system that fuses human and facilities", "One-stop line solution" and "System linkage through IoT (Internet of things)" through the presentation of our cutting-edge sewing machines, automatic machines, automation devices and digitized products.

JUKI is happy to help customers, in the coming Trade show, to evolve their plants to highly-productive and smart human- and environment-friendly ones through our practical "Smart Solution" proposals as well as through our comprehensive strength and multiple activities.

<JUKI Concept>

JUKI Smart Solutions
Innovate Your Business

■JUKI exhibition booth location

JUKI exhibition booth location : INTEX OSAKA Hall 5, Booth locations 【5-301】

Location of booth for household sewing zone : INTEX OSAKA Hall 2, Booth locations 【2-603】

■JUKI products on display

Industrial sewing machines 91 units

(Related products among the industrial sewing machines 17 units)

Household sewing machines 68 units (including those displayed in the Home Sewing Zone)

Total 159 units

* Please be aware that the products on display are subject to change.

■Related-products partner companies

Solution-partner equipment will be displayed in Smart Factory Zone and Knits and Foundation Zone.

Seiko Epson Corporation, SHIMA SEIKI MFG,LTD, Queen Light Electronic Industries Ltd., HASHIMA CO., LTD.

■ Introduction about JUKI exhibition zone and sections

1. [Smart Factory Zone]

In this zone, JUKI will propose the future-oriented plant management which combines JUKI's digitized sewing machines, automatic sewing machines and automation devices with printers and cutting devices (products manufactured by partner companies) which are used in pre-sewing processes on the assumption of polo shirts sewing.

In the zone, a demonstration of a virtual plant controlled by means of digital terminals will be given. This plant is constructed by introducing a network system into "one-stop line solution" that carries out entire processes from printing, cutting, unmanned conveyance through sewing continuously.

2. [Digital sewing system zone]

In this zone, examples of how to utilize the digitized sewing machines which are able to actively respond to changes in sewing items and materials will be demonstrated while linking to "Product + Line solution + IoT technologies".

3. [Non-apparel zone]

In this zone, non-apparel products will be displayed according to four categories such as car-seats, furniture, sports shoes and bags. The state-of-the-art technologies and new sewing systems including instrument-panel 3D sewing systems and machine-head turning type program sewing machines will be displayed to introduce human-friendly solutions.

4. [Apparel zone]

In this zone, sewing machines will be displayed in two categories such as shorter-thread remaining type sewing machines for shirts and sewing machines for jeans. Value-added products which incorporate the shorter-thread remaining type thread trimming function as well as the automated jeans sewing line will be introduced.

5. [Knits and foundation zone]

In this zone, solution sewing machines including partner-company products which compose a knits sewing line will be displayed in two categories such as sportswear and foundation. These products will help solve problems in knits sewing. Tried-and-trusted JUKI semi-dry type equipment as well as assembly technique which uses machines and devices such as a bonding machine that may be a substitute for a sewing machine.

6. [SiRUBA zone]

Products manufactured by 高林股份有限公司 (SiRUBA) which is a Taiwanese industrial sewing machine manufacturer and JUKI's partner in Taiwan since May, 2011 will be displayed in this zone.

7. [Attachments section]

Attachment technology services contribute to increased productivity and improved quality. In this zone, a demonstration of attachment-making and sewing will be given under four different themes. In addition, examples of how to improve attachments will be introduced.

8. [Parts section]

In this zone, a wide selection of JUKI genuine parts will be introduced. In addition, highly-convenient various parts which are available in kit and specially-built hooks will be displayed.

9. [Household sewing machines section]

In this section, proposals for "making attractive shops" will be made under the concept of "JUKI home sewing world". In addition, household sewing machines which incorporate JUKI's technologies originally developed for industrial sewing machines, as well as sewing machines using JUKI's unique technologies such as quilting machines which are only available from JUKI (JUKI is the only Japanese manufacture that puts quilting machines on the market) will be displayed.

* At the JUKI booth in the household sewing machines zone (2-603 in Hall 2), visitors will have opportunities to touch the latest models and features of JUKI sewing machines through workshops.

■ Main models to be displayed

● Direct-drive, high-speed, lockstitch system with an automatic thread trimmer

This system is a digitized sewing machine which actively responds to changes in sewing items, processes and materials.

This machine substantially reduces the time required for adjustment. In addition, the machine facilitate storage of sewing conditions and horizontal development to other facilities.

● Instrument-panel 3D sewing system

It is the 3D sewing system that has adopted new technologies for sewing design stitches of instrument panels for cars. It comes with a newly-developed dedicated machine head to achieve beautifully-finished seams.

● Computer-controlled cycle machine with input function (with the turning machine head for large sewing area) AMS-224ENTH/ 10060 XYθ

This is the newly-developed program sewing machine with the turning machine head. It is capable of providing beautifully-finished seams of consistent quality in the entire sewing area. This machine is ideally-suited to the sewing of design stitches of car seats and to the sewing of air bags.

● 1-needle, unison-feed, lockstitch machine (with a 2.7-fold hook/shorter-thread remaining type thread trimmer/smart device) LU-2828A-7+SD

This latest model of sewing machine consists of the newly-developed shorter-thread remaining mechanism that helps reduce the operator's fatigue in thread nipping, and the smart devices (SD) such as sensors for detecting stitch skipping and remaining quantity of bobbin thread, and safety cover for ensuring the operators' safety.

● 1-needle, unison-feed, lockstitch machine with a vertical-axis large hook (for long pitches/high speed of 3,800 spm) LU-2810ESAL-7

This machine has been developed by adding a high-speed machine head to the tried-and-trusted LU-2800 Series. This machine is best-suited to the runstitching and topstitching of long-dimension products.

● Automatic shoelace-loop attaching machine + auto feeder AB1360+Auto feeder

This automatic machine has been developed for attaching shoelace-loops to shoe tongues. It carries out

cutting, folding and attaching of shoelace loops automatically. In addition, it comes with an automatic material feeder, thereby achieving the full automatic shoelace-loop attaching process.

● **Computer-controlled, high-speed, lockstitch button sewing machine (birds' nest preventing/shorter-thread remaining type) LK-1903BB**

This is the "world's first" button sewing machine with the shorter-thread remaining and birds' nest preventing functions. Thanks to the newly-developed shorter-thread remaining mechanism which works at the end of sewing, the sewing machine further trims the thread shorter after the completion of normal thread trimming operation.

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

This is the "world's first" lockstitch buttonholing machine with a shorter-thread remaining mechanism. The machine leaves shorter remaining thread on the material at the end of sewing.

● **Computer-controlled cycle machine with input function (for sewing pockets on jeans) AMS-221ENTS3020/X90002**

This model has been designed for sewing pockets on jeans. Since it comes with a preset device and stacker, it allows the operator to set the subsequent material to be sewn on the sewing machine while the machine is still engaged in the sewing of the material currently set. The machine is a 2-needle type machine, which means that thread changing is carried out automatically during sewing. With this machine, fashionable pockets can be sewn on jeans.

● **Semi-dry head, top and bottom coverstitch machine MF-7500D/7900D**

This machine is best-suited to the hemming process for elastic new materials. Since the machine incorporates the left fabric trimmer, it is able to perform consistent trimming parallel to the seam at all times. The upper knife stroke can also be adjusted with ease according to the material thickness. The thread unraveling at the end of sewing is prevented with added reliability.

● **Computer-controller household sewing machine HZL-DX7**

This is the flagship model of JUKI's high-performance computer-controlled household sewing machines. It promises further improved usability and seam quality and allows the user to program operation steps according to his/her preference.

■ **Contact information for inquiries about the release**

JUKI CORPORATION, SEWING MACHINERY BUSINESS UNIT SALES PROMOTION DEPT.

Yoshihiko Hamada

Phone: 81-42-357-2377