



# JUKI CORPORATION

August 21, 2009

# **Announcement of Participation of JUKI in CISMA 2009**

JUKI will be taking part in "CISMA 2009" (China International Sewing Machinery & Accessories Show 2009), a three-day event to be held from September 22 to 24 this year in Shanghai, China. JUKI has prepared both a concept and a theme for the event: "Be the Best in CS – New-Edge Solutions for Your Success" (the concept) and "同 JUKI 携手創造您的未来工廠 (Creation of your future plant with JUKI)" (the theme). JUKI's latest sewing machine consisting of fifty-nine industrial sewing machines and thirteen household sewing machines will be on display.

JUKI will exhibit products with environmentally responsive features of every sort. All of the models on CISMA 2009 will be configured with energy-saving servomotors. A sewing line will consist entirely of dry-head sewing machines designed to eliminate oil-stain problems. And automatic sewing machines will produce higher-quality seams in shorter man-hours with operators of any level of skill.

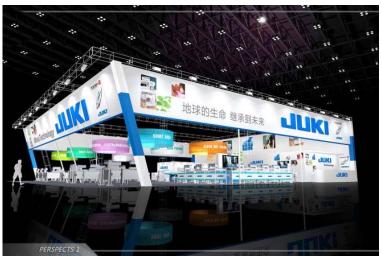
JUKI will also be introducing a unique array of highly efficient production management techniques such as an IE support program incorporating the know-how acquired through the activities of JUKI's Sewing Research Institute.

We expect visitors to explore JUKI booth in the upcoming CISMA 2009 to enjoy hands-on opportunity to see and touch all of the sewing machines and other products on display. We also expect visitors to offer a growing number of requests and opinions on JUKI's products and services. JUKI will make the most out of them in its development activities aiming at the achievement of greater customer satisfaction to further contribute to the apparel industry in the future.

# < Concept of the JUKI exhibition booth and Overview of the exhibits >







Location of the JUKI exhibition booth: W1-A76

Exhibition scale: 613 m<sup>2</sup>

Models to be exhibited: Industrial sewing machines ..... 59

Household sewing machines ..... 13

# Overview of the JUKI exhibition sections

# Knitwear production line consisting entirely of dry-head sewing machines

This section showcases a knitwear production line consisting entirely of sewing machines integrating dry-head technology. Every model is designed with an intelligent panel (IP) for the measurement of data on machine availability, process times, and manufacturing quantities.

This knitwear production line reduces production control man-hours and streamlines the efficiency of plant improvement through IE support.

# Environmental-friendly sewing machines

This section features the DDL-9000A, a model widely recognized for its "environment-conscious design" both in China and Japan, with official certifications for environmental protection energy-saving performance from the Chinese industry regulators. Visitors to this section will also have the chance to see the latest MO-6700D and panels introducing JUKI's environmental efforts.

#### Sewing machines for knitwear and foundation

Fabrics and materials are diversifying faster than ever. This section exhibits a host of different sewing machine models, including the MF and MO dry-head series models adaptable to diverse materials. The advanced, full-featured machines for knitwear on display are integrated with devices to improve seam quality.

#### Sewing machines for jeans

Visitors to this section will discover the newly launched MS-3580S 3-needle, feed-off-the-arm, double chainstitch machine and AMS-210E/AMS-221E Series of computer-controlled cycle machines configured with an input function. These machines provide long-awaited solutions for consistent high-quality seam, labor-saving, and streamlined efficiency.

#### Sewing machines for men's wear

This section features automatic sewing machines with labor-saving solutions and streamlined efficiency, such as the newly launched ASN-690 automatic serging machine and the APW-895 automatic welting machine.

#### Sewing machines for ladies' wear

This section exhibits two models together to demonstrate more labor-saving and efficiency solutions: the AE-200A edge control seamer (exhibited for reference) and the AMS-210E Series computer-controlled cycle machine.

#### Sewing machines for men's shirts

This section proposes various new production methods, including a method which enables a single person to operate two or more machines at once. The target is to achieve higher quality and higher productivity by making the most of the ACF-172 automatic buttonholing indexer.

# Sewing machines for heavy-weight materials

This section presents breakthrough sewing machines for heavy-weight materials, including a machine adaptable to lower-count threads for sewing furniture, bags and pouches, a machine designed to eliminate the thread nipping work mainly associated with the sewing of car seats (the newly launched LU-2220N-7), and a unison-feed sewing machine adaptable to diverse materials and fabrics.

#### New products

Visitors to this section will have the opportunity to touch and test operate all of the newest machines from JUKI.

# Apparel Manufacturing and attachments

This section introduces JUKI's broad-range of software support activities, including attachment development techniques and production management techniques to increase productivity. One of the installations here demonstrates a process to add an attachment and sew with it.

#### **Parts**

This exhibit runs an explanatory video to demonstrate how to tell genuine parts apart from counterfeit parts, and why genuine parts are recommended for manufacturers.

# Household sewing machines

This section introduces the latest computer-controlled household machines, demonstrates the machines in use, and presents dozens of handiworks produced with household sewing machines as samplings of the pleasures of sewing.

# ■ Introduction of models to be exhibited

# (new products and products to be launched soon)

#### (to be launched soon)

#### DDL-9000B Series

#### Direct-drive, high-speed, lockstitch machine with automatic thread trimmer

The DDL-9000B, a fully remodeled version of the DDL-9000A sewing machine. This new model improves upon the market-proven labor-saving effect of the DDL-9000A and features an automatic thread trimming mechanism which trims thread at the twice the speed of the conventional automatic thread trimmer.

#### MF-3620 Series

#### 4-needle flat seamer (direct-drive, both-plies trimming type)

Direct-drive type flat seamer with a labor-saving servomotor.

# AMS-210EN/IP420 Series

#### Computer-controlled cycle machine with an input function (Encoder control type)

"Encoder control" has been programmed into the X/Y feed axis stepping motors to achieve more accurate shape tacking (reduction in frequency of loss of synchronism) and power-saving operation. The machine is configured with a newly developed USB-ready input panel IP-420.

# AE-200A Series

# Edge control seamer

JUKI's unique manipulators and material end sensor allow inexperienced operators to perform-

high-quality joining of materials.

# (new product)

#### MF-7800D Series

# Semi-dry head, cylinder-bed, flat seamer, top and bottom coverstitch machine

The world's first semi-dry head, flat seamer, coverstitch machine. This machine offers an outstanding oil-stain eliminating effect for the sewing of products whose quality tends to be compromised by oil stains.

#### MS-3580S

#### 3-needle, feed-off-the-arm double chainstitch machine

This sewing machine is best-suited to the lapping of heavy-weight materials. The machine feeds multi-layered parts of materials with outstanding smoothness and feed efficiency.

#### AMS-224EHS4530/IP410

# Computer-controlled cycle machine with an input function (450 mm x 300 mm)

The machine has the largest sewing area of the series—450 mm x 300 mm. It sews at up to 2,500 sit/min, the highest sewing speed ever achieved in a machine of this class or with the sewing area. "Encoder control" has been introduced to its X/Y feed axis stepping motors for more accurate shape sewing (reduction in frequency of loss of synchronism) and power-saving operation.

#### **ASN-690 Series**

# Super-high speed automatic serging machine (S, Short table type; L, Long table type)

High-seed serging machine developed for ease of operation by operators with any level of skill. The highly reliable MO-6904S has been selected as the machine head for this model.

### **Exceed Series**

#### **Household Sewing Machines**

This is the latest household computer-controlled sewing machines which incorporate our industrial sewing machine technologies. With Exceed series it is easier to work on large projects thanks to wide throat area and flat work bed.

JUKI will be introducing a host of other new technologies together with the products described above.

For more information on this Release, please contact:

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