

February 26, 2016

JIAM 2016 OSAKA

(Japan International Apparel Machinery & Textile Industry Trade Show)
Introduction of models to be displayed

April 6 (Wed.) – 9 (Sat.) Japan, INTEX OSAKA
< PEGASUS Booth No. 3-702 >

PEGASUS SEWING MACHINE MFG. CO., LTD. (Headquarters: Fukushima-ku, Osaka, Japan, President: Shigemi Mima, hereinafter PEGASUS), will set up a booth at the JIAM 2016 OSAKA (Japan International Apparel Machinery & Textile Industry Trade Show). This event will be held for four days, from April 6 (Wed.) through April 9 (Sat.) at INTEX OSAKA in Japan. PEGASUS will exhibit its products jointly with BROTHER INDUSTRIES, LTD. (Head Office: Nagoya, President: Toshikazu Koike, hereinafter BROTHER).

Appropriate for the theme of JIAM 2016 OSAKA, “Innovative Solutions and Advanced Processing Technologies,” PEGASUS will continue to propose innovative products that lead the world in the industrial sewing machine industry, related to both hardware and software.



For details, please see the attached sheet.

■ High - lights

PEGASUS will be showcasing and demonstrating state-of-the-art industrial sewing machines and labor saving devices, as well as flat seamers that are most suitable for sewing sportswear. We will also introduce our products for sewing non-apparel items, such as car seats and home textile products, in addition to a lineup of sewing machines and equipment for sewing knit fabrics and denim.

● FS703P-G2WX460/PD23/TK/PL/PP3A/Y7242 (photo attached)



Feed-off-the-arm, 4-needle cylinder bed interlock stitch machines for flatseaming

- This machine responds to difficult-to-sew fabric and/or new highly stretchable material, achieving high-quality and consistent stitches that have never been produced before, regardless of the operations.
- The machine sews the fabric while trimming the left and right fabric edges, so that the overlapped area is uniform and beautiful.
- Equipped with a feed-off-the-arm bed, it is very easy to sew small, as well as regular, tubular goods.



FS703P-G2W

NEW! ● Fabric Misalignment Detection Device (SD2A device) (photo attached)

*Patent pending

- If fabric misalignment occurs, the fabric misalignment alarm(SD) warns the operator by sound. The machine stops automatically. No sensitivity adjustment is necessary, even if the fabric characteristic, fabric weight, and/or fabric color is changed.



SD2A device

NEW! ● Pneumatic Presser Foot Pressure Regulator (PPdevice) (photo attached)



· Thanks to the air-controlled presser foot pressure, the uniform and minimum possible presser foot pressure is always achieved according to the fabric and fabric weight being used. This feature prevents seam jamming on cross seam sections, damage to the fabric, and shining appearing on the fabric, contributing greatly to the stabilization and increase in quality. In addition, the presser foot pressure can be expressed in numerical form. Therefore, the presser foot pressure that is correct for each fabric can be reproduced easily and immediately.



PP device

● SOH-552-2/WT562-08GBX356/Y7259 (photo attached)



Integrated sewing unit for hemming

(equipped with 3-needle ,variable top feed, flatbed, interlock stitch machine)

- Hemming flat bottoms and sleeve openings of T-shirts, underwear and similar garments. The unit is economic and compact, but it automates and deskills difficult hemming operations.
- The operator simply places the fabric. The unit automatically performs the hemming operations, providing uniform and quality products. The operator then goes to the next fabric in sequence. Production is greatly increased.



SOH-552-2

● **GXT3244-A04/435K-5X3X4/KH9B/PL3C/Y7230** (photo attached)

DRY HEAD

Dry Head type, 3-needle, variable top feed, safety stitch machine for plain seaming

- Plain seaming heavy to extra heavy weight fabrics, such as jeans
- State-of-the-art grease lubrication technology has been employed for the “needle bar mechanism”, “upper looper mechanism” and “top feed mechanism”. A dry-head type machine protects your important sewn products against oil stains.
- A caterpillar foot and feed dogs with a coarse pitch are employed in order to smoothly feed fabric with cross seam sections. No plyshifting and/or seam jamming occurs, assuring high quality sewn products.



GXT3244-A04

● **EXT3216H-45P1/574K-5X5/PL020/Y7232** (photo attached)

Stain-FREE

Variable top feed, safety stitch machine for extra heavy weight piping

- For extra heavy weight piping on upholstery, such as sofas, beds, etc.
- The use of special gauge parts enables smooth extra heavy weight piping, which involved difficult operations with conventional piping machines.



EXT3216H-45P1

NEW! ● GW6640SP-01GX256BS/UT3J/Y7247



Oil Barrier type 3-needle, cylinder bed, interlock stitch machine for “ZEBRA stitch”

- Marvelous decorative stitch created by Pegasus unique mechanism. Three different decorative stitches can be made by one machine without changing any parts.

***Granted patent**

- The needle bar and looper shaft include a special designed oil seal, exerting dramatic "Oil Barrier" effectiveness, preventing oil leakage and oil splashes.
- This interlock stitch machine has the world's first sealed cylinder bed. This feature prevents unexpected oil leakage. In addition, threading, adjusting the gauge parts, and cleaning around the gauge parts are easy.

● W2664HAP-01GX240BS/RP0A/UT3J/PP4B/Y7246 (photo attached)



Oil Barrier type 2-needle, short cylinder bed, interlock stitch machine for hemming elastic

- Hemming pre-attached elastic on leg openings of swimsuits and similar garments.
- The distance from the needle drop hole to the end of the cylinder bed is short, so handling highly stretchable fabrics or small-sized tubular goods is easy. Thanks to this feature, this machine is helpful for increasing quality and productivity.



W2664HAP-01G

● Factory improvement software

PEGASUS will present our factory improvement software, which supports hand-down of your technology, production, progress, inspections, and shipments in the sewing factory, employing a T-shirts demonstration line.



- The **Wireless Process Control System** is a support tool for progress management in order to respond to diverse situations speedily and activate the production site. This system can control the production situations in a timely manner. Therefore, you can easily figure out the “progress situation” for targeted production, “production efficiency,” and “estimated output,” etc.

NEW!



- The **Inspection Control System** is to abolish the handwriting of the defect contents, and digitize the "repair product management", "daily inspection report", "By line, by type of defect", using the tablet PC. This is the tool which supports the visualization of improvement points & labor saving.



- The **Digital Process Analysis System** is a support tool that can be employed in order to improve production. Thanks to this system, you can embody your skills and techniques, such as "Handling down your technology (Educating newcomers)," "Motion analysis," " Job improvement," "Standardizing operations," and “Production simulation,” by visualizing them using video images.

We are now releasing the information of our exhibits at JIAM 2016 sequentially on our home page.

We would appreciate it if you could visit PEGASUS' home page.

PEGASUS SEWING MACHINE MFG. CO., LTD. HP: <http://www.pegasus.co.jp>

* Please note that due to circumstances beyond our control, there may be changes to the sewing machines and equipment exhibited.

[Inquiries]

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