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TSUDAKOMA Corp.
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ITMA ASIA + CITME 2018 Press Release

TSUDAKOMA provides the “Smart Ecology” exceeding the needs of the age.

1. Exhibition theme and concepts

The TSUDAKOMA Corp. group will participate in the ITMA ASIA + CITME 2018 to be held in Shanghai, China from October 15 through 19, 2018. (Stand No.: Hall 3, A49)

In the fast-growing textile industries in China and Asia, the highest-standard of environmental technologies as well as enhanced productivity and economy are important factors for our continued success. The word “Smart Ecology – Ecology and Economy in Harmony” TSUDAKOMA group has been pursuing for many years is truly focused to succeed in today’s world. In ITMA ASIA + CITME 2018, we will demonstrate and showcase the latest versions of our machine models. We also offer products that immediately benefit customers who are facing fierce competition in the textile industries.

2. Exhibit highlights

■ TSUDAKOMA Corp. (Stand No.: Hall 3, A49)

1. ZAX9200*i* MASTER Air Jet Loom

Renewed combination of newly-developed solenoid valve integrated auxiliary main nozzle and new sub-nozzle allows stable weft insertion at high speeds which is kind to yarns and high quality. The *i*-Weave and the DSS-II Direct Sub-nozzle System achieve a 10 % reduction in air consumption. First developed by TSUDAKOMA, the weaving support functions of the Weave Navigation® System-II have been improved and enable anyone to easily weave difficult fabric.

1) ZAX9200*i* MASTER Air Jet Loom



In the Chinese market, TSUDAKOMA will focus on highlighting air jet looms capable of weaving denim. Air jet looms are presently the mainstream of denim weave worldwide. The ZAX9200*i* enhances productivity and weaves high-quality denim even at high speeds. The adjustable guide bar greatly reduces the time it takes for style change. It is no longer necessary to cut the guide bar to match the reeding width.

2) ZAX9200i MASTER Terry Air Jet Loom



The highly-regarded ZAX9200i-Terry is improved in its high speed. High productivity and high quality will be highlighted in the show. With the Versa-Terry System taking advantage of TSUDAKOMA's terry weaving knowledge, diversified designed towel can be woven with high quality. The *i*-Weave optimizes the three basics of weft insertion: nozzle, valve, and control technology. It

is provided as standard equipment on the ZAX9200i-Terry. The DSS-II Direct Sub-nozzle System achieves high-speed performance and energy savings of a 10 % reduction in air consumption. The PSC Programmable Speed Control improves loom efficiency.

2. ZW8100 Professional Water Jet Loom

We will highlight the expanding potential of water jet looms.

1) ZW8100 Professional Water Jet Loom



TSUDAKOMA has addressed environmental issues for many years. The ZW8100 increases its speed by 10 % while reducing electric power consumption by 5 % and on-loom vibration by half compared with conventional models. Furthermore, high value-added fabric weaving is possible. Our water jet loom weaves high value-added fabric with multi-color and top & bottom double beams at high speeds. The new nozzle achieves stable 4-color weft insertion and reduces water consumption by 10 %.

3. Support for the IoT (“Internet of Things”)

1) TISS Tsudakoma Internet Support System

TSUDAKOMA plans to create a support system for users to achieve their loom’s best performance. The operation, productivity, and preventive maintenance for user’s looms are enhanced by linking them to TSUDAKOMA via the Internet.

4. Global TSUDAKOMA

We have Chinese-born TSUDAKOMA-branded machines. We will demonstrate the best jet looms made in China.

They are high-performance jet looms with the main components produced by TSUDAKOMA in Japan and assembled in China.

1) ZW508 Water Jet Loom by TSUDAKOMA (CHANGSHU) CO., LTD.



High-speed and stable operation of the ZW508 will be demonstrated with a reed space of 230 cm increasingly demanded. It weaves a wide range of fabrics from general apparel fabrics to middle-thick value-added fabrics with the lowest running costs.

2) ZAX-GSi Air Jet Loom by Jingwei Tsudakoma Textile Machinery (Xianyang) Co., Ltd.



The Navi-board achieves a reduction in weaving cost as well as weaving support, user-friendliness, and high productivity. A sturdy frame structure reduces vibration during heavy fabric weaving at ultra-high speeds and has excellent durability.

3. Exhibit outline

■ Stand No.: H3A49 TSUDAKOMA Corp.

1. ZAX9200i MASTER Air Jet Loom

Reed space: 210 cm
Fabric : Denim
Shedding: Positive electronic dobby

2. ZAX9200i MASTER Terry Air Jet Loom

Reed space: 280 cm
Fabric: Luxury bath towel (3-panels)
Shedding: Electronic Jacquard (independent drive)

3. ZW8100 Professional Water Jet Loom

Reed space: 230 cm
Fabric: Interior cloth (curtain)
Shedding: Top-mounted positive electronic dobby

4. TISS Tsudakoma Internet Support System

■ Stand No.: H3A49 TSUDAKOMA (CHANGSHU) CO., LTD.

1. ZW508 Water Jet Loom

Reed space: 230 cm
Fabric: Interior cloth (shade curtain)
Shedding: Top-mounted positive electronic dobby

■ Stand No.: H3A49 Jingwei Tsudakoma Textile Machinery (Xianyang) Co., Ltd.

1. ZAX-GSi Air Jet Loom

Reed space: 190 cm
Fabric: High-quality dress fabric
Shedding: Positive cam
