

ITMA ASIA + CITME 2014 Press Release
T-Tech Japan Corp.

T-Tech Japan Corp. (TTJ) will participate in ITMA ASIA + CITME 2014 to be held at the Shanghai New International Expo Centre from June 16 to 20, 2014 for five days (TTJ Booth: E1H01).

TTJ consistently supports weaving with its global standard of preparatory machines “made in Japan.”

The preparation process has a large effect on loom operation. TTJ’s products are top-level performers and the best-quality. They are ready for small lot production and the fast-changing market demands in preparatory machines offering excellent user satisfaction.

TTJ’s filament sizing machines have the world’s largest sales record. The “TSE10F Filament Sizing Machine” meets various market demands and stably controls the tension from the lowest 40N to the highest 800N.

The new “TTS20S Spun Sizing Machine” developed on the theme of “Dependability and Progress” employs a vertical pull-out system for easy operation while producing evenly sized yarns. Implementing the “Sizing Navigation System” provides users superior operability, operation control, and quality control. Fine controls are also efficient for energy saving. This sizing machine makes a great contribution to a weaving machine’s performance.

The “TTS20S,” a state-of-the-art spun sizing machine, will be exhibited at ITMA ASIA + CITME 2014. It will demonstrate the features of the management system for preparation processes, “T-PMS” (TTJ Preparation Management System) which is linked to the “T-MDS” (TTJ Machine Data Station) computer control system.

[Exhibit]

“TTS20S Spun Sizing Machine” provides strong support for air jet loom operations.



The “TTS20S Spun Sizing Machine” is a high-end sizing machine advanced on the theme of “Dependability and Progress.” As well as productivity, sizing quality is thoroughly emphasized in order to meet increasingly evolving value-added fabrics. The “Sizing Navigation System” is employed for user-friendliness. The “TTS20S” has increased its efficiency of sizing and drying compared with the existing model. The “TTS20S” provides environmentally friendly energy saving with cutting-edge AC vector motor control.

- Quality: Segmented stretch setting sets the best tension for fine yarns.
- Productivity: Max. yarn speed: 150 m/min
- Max. squeeze pressure of 50 kN increases drying efficiency and saves size.
- Easy operation: User friendly “Sizing Navigation System” with weaving wisdom.
- Energy savings: Regenerative electric power from the AC vector motor saves power.

Drying cylinder arrangement reduces steam consumption.

Size consumption reduced with a pre-wet device (optional).

T-MDS (TTJ Machine Data Station) computer control

All the preparatory machines (sizing machines, warpers, and beamers) employ the T-MDS computer control system with a full-color graphic display as standard. All the condition settings are available with simple integrated touch-key operation. By registering a maximum of 300 styles in advance, operating conditions are managed collectively to avoid mis-operation.

T-PMS (TTJ Preparation Management System)

LAN communication (Ethernet) is possible on the T-MDS. Operation controls such as operation check, production record, and schedule setting can be made easily from the host computer in the office.

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