

## Stäubli: Textile Machinery, Connectors and Robotics

Stäubli is a mechatronics solution provider with three dedicated divisions: textile machinery, connectors and robotics. With a workforce of 3000, Stäubli has presence in 25 countries and agents in 50 countries around the world. The Textile Machinery division is represented by Simag in Pakistan.

Stäubli will be participating at ITMA Asia 2010 showing machinery on its booth C01 in hall E4. A selection of the most modern products of the complete textile machinery range of Stäubli will be on show, such are the **cam motions and dobbie machines**, the **electronic Jacquard machines and harnesses**, and **weaving preparation systems division** with automatic warp drawing-in, leasing and tying machines. All machines will be demonstrated in running condition with various applications.

On the common booth Group member **Schönherr carpet systems** will have its exclusive carpet samples – with ever widening range - on show, produced on the highly productive **ALPHA 400** carpet-weaving machine series, and Group member **DEIMO** will present state-of-the-art electronic control solutions for mainly textile machinery.

### Exhibits at booth

For the first time in public the new **SX type electronic Jacquard machine** can be seen running on the booth. The SX is an extremely versatile machine for a wide application range. It will be demonstrated in a 2688 hooks format on an air-jet weaving machine running at very high speed.

A second Jacquard machine - an **LX 1602 with 5120 hooks** – is working on a rapier weaving machine producing 340 cm wide fabric.

To have a detailed look at the working Jacquard units a direct access from the second floor of the two storey booth building to the gantry shall be made possible.

To complete the wide range of Jacquard machine application an **LX 32 type for weaving labels** and **CX 182 type for weaving names in selvages** are being demonstrated on the ground floor of the booth. The full range of Stäubli harness types will be demonstrated with an SX jacquard machine on a stand at high speed.

The exposures of electronic dobbies such as the **negative dobbie type S2700** with 10 heald frames, and the high-end **electronic rotary dobbie 2881**, and - also for the first time in public - the **S1351 type cam motion** for the application on high-speed air-jet weaving machines to be used on any type of weaving machine, complete the picture of the Stäubli shedding systems.

Stäubli's Weaving Preparation Division will present - as a world novelty - the **mobile automatic drawing-in machine SAFIR S30**, a unit that moves along to the stable warp during drawing-in. Furthermore the **warp-tying machines MAGMA** for coarser yarn counts, and proven **TOPMATIC** for standard application, and **multilayer leasing machine OPAL** for leasing a 1:1 lease in warps with up to 8 layers including colour detection will be demonstrated. That range of products points out the ever increasing importance of automation also in the production stages before weaving.

Visitors to the Stäubli booth will be impressed by above novelties and the selection of the high-tech products on show, all serving the effective production of high-quality standard textiles as per today's requirements:

Additional examples of Stäubli products can be seen during ITMA Asia on various stands of Stäubli partners on numerous applications with Jacquard machines, dobbies and cam motions. ♦



New SX type electronic Jacquard machine.

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