

Stäubli presents latest weaving solutions together with SIMAG



Stäubli, the renowned global provider of weaving solutions, presented its current range of machinery at IGATEX 2018. Stäubli's broad product range included solutions for automated weaving preparation, frame and Jacquard weaving, and carpet and technical textile weaving.

The Pakistan weaving industry is currently seeing growing demand for heavy and large-format Jacquard fabrics such as upholstery or terry cloth. Stäubli's range of Jacquard machines perfectly covers the requirements of these applications.

Stäubli Jacquard machines master heavy payloads at highest speeds. Since the introduction of electronic Jacquard machines in the 1990s, Stäubli SX and LX series Jacquard machines have gained significant market share and are now recognized worldwide for their high performance, easy handling, and very long service life.

The recently re-engineered LX series features a lifting mechanism that allows high-speed weaving of even extremely heavy fabrics. With a coaxial drive shaft and a special chassis supporting the beams and bearings, the latest models can handle up to 26% greater loads than the previous models.

Improved positioning of the fans in the LX housing optimizes internal airflow, ensuring that the machine interior remains clean and at a controlled temperature. LX Jacquard machines are available in sizes up to 6,144 hooks.

The latest models in the LX Series, the LXL and LXXL, are likewise built for high speed but also for even greater load capacity. These models can be equipped with a number of hooks ranging from 6,144 to 25,600. By combining two LXXL machines, formats up to 51,200 can be achieved.

Both the SX and LX series include special models for the production of all

sorts of velvet fabrics: the SX V, the LX V, and the LXL V. Thus, offering the possibility of flexible combination of the 3-position modules with the height-adjustable 2-position modules, the pile and ground warp can be activated with the same machine.

A key feature of every Stäubli SX or LX Jacquard machine is the MX module, which controls the precise up-and-down movement of each and every hook. The MX module is made of optimized materials and delivers long service life.

Weaving mills can enjoy a choice of Stäubli Jacquard machines, enabling them to respond swiftly to changing market demands. And because a precisely matched Jacquard system gives these weaving mills even higher performance. In this context, Stäubli even offers high-end harnesses for any application area. ♦