

## Marzoli: Siemens Simotion control system to enhance the automation and control of machines

Marzoli will attend the exhibition in the Italian area organized by ACIMIT and ICE, in the Hall W2, booth A61 (Spinning sector). They will be showing the latest technology and as usual is expected to keep its leadership position among textile machinery suppliers.

This year the distinctiveness of Marzoli machines will be the advanced management software developed in collaboration with Siemens: the Simotion control system, that allows to the operator to completely control machines from an electronic board.

The new system guarantees user friendliness of the machine management, fast think time, easy reliability and dimensional compactness.

Since many years, the partnership with Siemens has been enhancing the available technologies in the automation field. The Simotion Sinamics system keeps active the automation of all the logistics, processes and motion control machine functions.

Marzoli line presents remarkable innovations about comber, roving frame and spinning section, mainly in the production

of denim, slub yarn and high quality for combed yarn thanks to Arco Bridge system.

Marzoli expects to welcome many of its Asian clients and invites ITMA visitors to visit their Booth W2 A6 in order to get more information about the technical features and key advantages of the complete line of Marzoli machines. The sales representatives from all Asian countries will also be available to show the latest technology of Sinamics and of the updated versions of machines. Marzoli is represented in Pakistan by Acmatex Corporation. ♦

## NSC Nonwoven to exhibit French technologies at ITMA Asia+CITME 10

France-based NSC nonwoven supplies turnkey nonwoven lines for spunlacing, needlepunching and thermobonding. They are equipped with a supervisory control assistance system, which includes production recipes, maintenance and assistance to line management.

NSC nonwoven (Asselin-Thibeau) is known for such nonwoven equipments as the Excelle cards, crosslappers, IsoProdyn weight distribution regulator, drafters, needlelooms, winders and slitters-rewinders, according to the company.

To meet nonwoven producers' targets, NSC nonwoven machines are available in several level of performances. Due to the combination of Access and Excelle equipment, NSC Nonwoven answers the market needs by providing production lines adapted to local market size, cost reduction with faster production lines, lower average fabric weight, lower maintenance requirements and also customized prod-



ucts with in line combination of technologies, the company says. NSC is represented in Pakistan by Shermah Enterprises. ♦

## Spectrophotometric analysis of the dye bath «Smart Liquor» by Mathis

MATHIS AG, headquartered in Oberhasli, Switzerland, has enjoyed a presence in dyeing laboratories since 1968. They manufacture production plants for dyeing textile ribbons. They also develop and build machines and installations for coating a wide range of materials.

Wide range of their products including the Smart Liquor System will be on display at ITMA ASIA at Hall W 4, booth C11.



Smart Liquor.

SMART LIQUOR®, the system for the analysis and optimization of dyeing processes using the exhaust method consists of a high quality spectrophotometer and accessories, both for continuous on-line and off-line measurement of individual solutions.

The powerful software allows monitoring of up to six dyestuffs at the same time. The system can in principle be connected to any dyeing machine in the laboratory and in production.

The system can be configured in different ways according to requirements. The specifications are as follows.

- ❖ Spectrophotometer with USB port for complete spectral analysis from 400 to 700 nm (unfiltered spectrum).
- ❖ Up to six dyestuffs can be monitored at the same time.

- ❖ Compensation of the lamp drift for high accuracy and good reproducibility.
- ❖ Concentration area: 0 to approximately 10 g/l.
- ❖ Two calibration modes: relative and absolute.
- ❖ Data export for table calculation (e.g. MS Excel).
- ❖ Calculation of the average exhaust speed for each individual dye.
- ❖ Calculation of dye compatibility.
- ❖ Automatic registration and representation of the process parameters (temperature, flow rate, pH, differential pressure etc.) in conjunction with MATHIS AG «UNIVISION Touch S» controller.

Mathis are represented by Intertex Corporation in Pakistan. ♦