

Santex Group showcased three novelties for fabric finishing industry

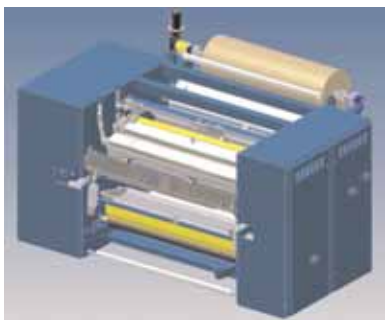
Special drying chamber

The first is a special drying chamber which acts as an energy saving device, while at the same time increasing productivity of new and existing Santex dryers. This "Energy Saving Chamber" intelligently exploits the heat of the exhaust air to provide an extra production capacity of more than 15%.

Coating and laminating machine

Secondly, a coating and laminating machine which features four different types of coating. The new coating and laminating machine, called Cavi-2-Coat, is Cavitec's latest addition to its already extensive range of hotmelt coating and laminating solutions.

A masterfully designed arrangement allows the user to coat films, membranes or textiles with one of the following selectable techniques: Full Coating, Reverse Coating, Thru-Coating, plus the by now traditional Gravure (Dot) Coating.



Cavi-2-Coat

All these systems apply to hotmelt coating means; as in all Cavitec's products, several configurations are possible: from coating only with small batches to non-stop arrangements capable of coating and laminating.



Compacting Line 8802b.

Continuous two-stage compacting machine

The third novelty by Santex is a continuous two-stage compacting machine, which combines the virtues of the rubber belt with the superior handle of the felt shrinking technique.

This compactor, already installed and running with a leading customer of Santex, delivers compacting at high speeds: upto double than those achievable with the felt technology, while maintaining the same residual shrinkage, lustre finish and excellent touch of the knits.

Santex reports that its "Cantilever Feeding" device brings the fabrics to the compacting unit, allowing further fine-tuning of the desired shrinkage. ♦

Gofront Holding Limited

Gofront presented vertical HT-HP yarn dyeing machines and special and conventional fabric dyeing machines. With over twenty years experience in manufacturing and supplying yarn and fabric dyeing projects, Gofront supply the complete yarn dyeing package from soft-winding, dyeing, hydro-extraction, drying and re-winding. For fabric dyeing, they supply soft-flow with single-rope system (MONOFLOW), airflow (AIRFORCE in both atmospheric and high-temp versions), and conventional hydraulic machines, i.e., round type (GOF), long tube (GLF), and atmospheric (GFM8) versions.

Following developments were exhibited by Gofront Holding during the ITMA:

- ❖ Model AIRFORCE EXTREME, HT/HP Air-atomizing fabric dyeing machine, with 1:2.8 liquor ratio for 100% cotton, equipped with 2 patented nozzles (one with 80 l/min and one with 40 l/min flow rates) for flexibility in dyeing any type of material with efficient washing. The machine is equipped with low-noise/high-efficiency air generator for less energy consumption, and equipped with SETEX 777TCE controller with Gofront patented software for shorter dye cycles.
- ❖ EXCEL SERIES Yarn Dyeing Machine, Model GF241XL with low liquor ratio of 1:3 for 100% cotton, with the unique patented 'PULSED-FLOW TECHNOLOGY'. The machine offer extra savings in terms of water, steam,



Zhu Li, Vincent Chan, Boy S. Yu and Ms. Julie, Gofront Holding Limited with other team at ITMA 2011.

- power, auxiliary chemicals, process time and waste water treatment. Available in capacities from 3 to 2,200 kgs.
- ❖ T-MAX SERIES Yarn Dyeing Machine, Model GF241T with maximum capacity of 6,124 kgs. in a single vessel.
- ❖ ENERCON PLUS Energy Saving Device, adaptable to all yarn dyeing machines of different brands. The device offers power savings from 35 to 60% and improved dye cycles.