

## Fong's Industries Group provides solutions for the textile industry

The Fong's Industries Group was founded in 1963. Since its inception, the Group has focused on its principal business of design, manufacture and sale of dyeing and finishing machinery with now a work force approximately 4,300 colleagues serving over 5,700 customers worldwide. At present, there are more than 140 engineers and technical specialists working in Research and Development. Fong's will showcase its machinery at Hall W3, Booth No. B38 at the upcoming ShanghaiTex 2009.

### Fong's National Engineering Co., Ltd. (HK)

#### LABWIN Laboratory package dyeing machine

The LABWIN Laboratory Package Dyeing Machine is an easy to handle and very flexible tool for every package dyeing plant. It has the same functional features as production machine. Its liquor ratio and flow rate are consistent with the bulk production package dyeing machine.

The process technique developed on the LABWIN can be applied with very little adjustment to bulk production and the improvements for the production process can be simulated on the machine before bulk production. The LABWIN machine has following features, which make it a superior laboratory equipment in the market:

1. **Versatility in capacity:** the machine is designed with a capacity from 1 – 6 packages per kier.
2. **Versatility in coupling:** 2, 3 or 4 units of identical machines can be easily linked to run as a single machine to produce package of the same color shade.
3. **Consistent liquor ratio:** the liquor ratio is consistent with Fong's package dyeing machines and most of machines which are available in the market.
4. **Excellent levelness:** the machine is equipped with Intelligent Levelling Control function which enhances dye levelness, thus reduces yarn loss.
5. **Direct application of recipe:** the dyeing recipe can be applied in to production machine if the parameters and settings on the production machines are similar to the LABWIN.
6. **Air-pad technology and flexible spindle:** this feature help to maintain a consistent liquor ratio when the loadings are reduced.



The LABWIN Laboratory Package Dyeing Machine is used for the pre-treatment, dyeing and after treatment of packages, bobbins, loose fiber, muffs, tops and tapes made of Cotton, polyester, poly/cotton, acrylic, polyamide (nylon), wool, ramie/cotton, etc.

### THEN Maschinen GmbH, Schwäbisch Hall (DE) THEN Maschinen (HK) Ltd.

#### The THEN aerodynamic system - The atmospheric alternative

The patented, aerodynamic THEN-AIRFLOW® dyeing system differs fundamentally from conventional jet and overflow dyeing machines based on the hydraulic principle.

THEN-AIRFLOW® SYN A G1 is the best alternative for the cotton and polyamide segments. It operates with the same highly

advanced dyeing technology as the SYNERGY system, but at temperature of up to 98°C.

This ensures the optimum protection of the fabric, which receives outstanding surface quality due to the THEN-AIRFLOW® process.

Fabric transport takes place by means of a separate gas circuit with moist air or an air-steam mixture. This allows injection-free transport or a fabric passage without liquor. The fabric is constantly in motion from loading to the batch end, even during the discharge and filling processes.



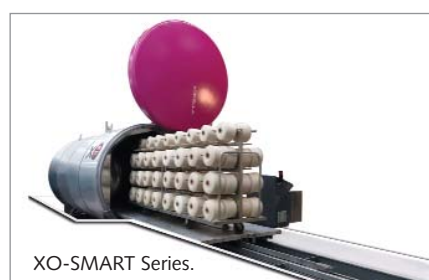
### Xorella AG, Wettingen, (CH) and Xorella Hong Kong Ltd.

#### Xorella's XO-Series vacuum conditioning and heat setting machine

Xorella's XO-Series energy saving vacuum conditioning and heat setting machines have been well received by customers since its launching. The new XO-series uses key components with uncompromised quality and excellent engineering in both performance and reliability to help the customers to save the energy consumption by 15-25%. Cornerstone of the new series is the advanced XO-steaming system, which uses the renowned intermediate vacuum technology and combines with internally produced 100% saturated steam to effectively condition, set, pre-shrinkage and relax the textile products.

From the standpoint of the customers, the Swiss designed XO-series machines incorporate the ecology concept to offer an unprecedented low energy consumption and an incredible simple design with minimum maintenance requirement to meet the lowest process cost and highest quality requirements. The operational efficiency is significantly improved by automatic loading platform.

Numerous XO-series machines have already been in operation



in China, India and other countries. Treatment vessels and pipings of new XO-series machines are made of high quality stainless steel.

Courtesy: Fong's National Engineering Co., Ltd. ♦