



The All-Asia Wire, Cable, Tube & Pipe Trade Fairs

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Singapore Expo

www.wire-singapore.com
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Latest Technologies Await Roll Out at wire Singapore / Tube Singapore 2005

The countdown to **wire Singapore / Tube Singapore 2005** — the all Asia wire, cable, tube and pipe trade fairs — continues with leading global participants starting to unveil details of what will be on offer at the major industry events.

Beta LaserMike Ltd will bring a broad range of sensors to **wire Singapore**, including its latest offering, the LaserSpeed range of non-contact gauges that provide measurement of length and speed with 0.05% accuracy to minimise give away of material. Enhancements have been made to many of the company's standard products as well in terms of measurement capability, flexibility of interconnection and display of information. For example, the DataPro5000 controller now has Fieldbus connectivity for ease of installation and maintenance, a 12" or 15" touch screen that allows the operator to move easily between screens, and datalogging, trending and full statistics for materials savings. The controller is used in conjunction with ultrasonic systems for measurement of both eccentricity and wall thickness for cable.

Show visitors will also find out more about a new type of package utilizing the patented REELEX system from **Windings, Inc.** REELEX CP (REELEX Consumer Package) allows efficient production for short-length coils in a clear, retail-friendly package. REELEX CP is said to be the ideal showcase for products such as speaker cable and home theater wire destined for retail shelves. Coil lengths of between 50 and 500 feet can be accommodated and the packaging

system is compatible with D-500, D-510 or D-750 REELEX machines with only minor modifications.

For its part, **Rosendahl Maschinen GmbH** will detail the latest developments for wire and cable, with core competence in extrusion, SZ-stranding and metal tape forming and welding technology. These include CO₂ gas injection process for physically foamed cables having high foaming degree, a quick colour change system, ROCOMAT, for both stripe and layer change suitable for different insulation materials such as PVC, PP and flame retardant XLPE, and a new generation of ROEX linear high output extruders.

Bekaert Singapore Pte Ltd will be showcasing their fine high carbon wires made in their new factory in China. They can supply in a range from 0.18 mm up to 2.50 mm for applications such as springs, brushes and cables.

Tube straightener specialist **Bronx Taylor Wilson Ltd** recently announced the latest addition to its growing installed base of 10 roll tube-straightening machines. A 10CR5 series machine was recently shipped to long-standing customer Shuan Hwa, a Taiwanese precision tube manufacturer. The new equipment is to process alloy steel tubes with diameter up to 85 mm at speeds of up to 90 meters per minute. The machine is supplied with the latest revision of Bronx Taylor Wilson's highly proven COMPASS Computer Aided Setting System. Set up times for size changes have now been reduced to less than 5 minutes. Bronx attributes its latest success in part to the opening of a sales office in Shanghai.

In other China-related developments, Bronx recently received a delegation from Baosteel of Shanghai, China, for inspection of their 6CR11 Heavy-duty tube-straightening machine. The Baosteel machine, which has hydraulic quick opening capability on all three pairs of work rolls, has now been shipped for installation and start up later in 2005. Bronx has also been awarded a contract to supply pipe-finishing equipment for a new seamless pipe plant to be installed in Kazakhstan as part of a facility for the production of 270,000 tonnes/year of seamless oil industry pipe.

On a similar note, **Radyne**, a division of **Inductoheat Europe Limited** will be presenting its expertise in pipe coating and offshore heat treatment solutions for the international gas and oil processing industries and water industry. Of particular interest is the Merlin heat and coat field joint solution, as used in the recent Blue Stream project involving the laying of piping at record depths across the bed of the Black Sea from Russia to Turkey. Radyne also offers the compact Flexitune system for the localised repair of damaged pipe coating.

Indian firm **Technofour** is now into its fifth generation of eddy current testing equipment for tubular products. The latest version, Flawmark-EC, is a multi-frequency, multi-channel system used to test ferrous and non-ferrous tubes up to 177 mm in diameter with encircling coils. The weld line can be tested with a special segment coil even for tubes up to 500 mm in diameter. Based on embedded processor architecture, the fifth generation system has won acclaim in the tough Chinese market against global competition. Technofour has also developed systems for eddy current inspection of seamless tubes and steel bars. These feature physically rotating heads coupled to the electronics through a contact-less rotary transformer. Rotoprobe-EC, having rotating probes, is a multi-channel system presently for diameters up to 135 mm.

Both **wire Singapore** and **Tube Singapore 2005** will welcome a strong representation from Chinese exhibitors targeting regional and global markets. **Chengdu Centran Industrial Co Ltd** for example, will showcase its water blocking tape and yarn, steel and aluminum tape, polyester yarn, PP binder, and marking tapes. **Shenyang Jinggong Cable Material Co Ltd** is also a manufacturer of water blocking tape in five major categories; semi-conductive, non-conductive, flame retardant, water blocking yarn, and mica tape. So too is **Shenyang Tianrong Cable Materials Co**, who also supplies semi-conductive shielding tape for optical fiber cable and power cable applications.

China Gohigh Group is a leading supplier of cold rolling strips and all kinds of welded pipes. It operates 28 production lines for high frequency welded pipe and 10 lines for cold rolling strip. Annual capacity is 150,000 ton for stripped steel and 180,000 tons for welded tube. **Jiangsu Sujia Group Co Ltd** is also a leading steel tube supplier, with 150,000 tons/year of capacity for products including precision welded pipes featuring inside flash removal, standard welded pipes, and cold-drawn seamless pipes. A recent newcomer to the export market is **Zhangjiagang Yiyang Import & Export Trading Co.**, which was set up in June 2004 to focus on export of welded tubes/pipes and stainless steel tubes/pipes manufactured by parent firms Zhangjiagang City Yiyang Pipe Producing Co. and Zhangjiagang Yicheng Steel Tube Co.

With such a global cross-section of exhibitors showcasing the latest technologies, **wire Singapore / Tube Singapore 2005** once gain promises to be a must-attend event for all those involved in Asia's wire, cable, tube and pipe sectors. More product highlights are available online at www.wire-singapore.com and www.tube-singapore.com

The exhibition opens from 10.30am to 6.30pm, 20 and 21 September and from 10.30am to 5.30pm, 22 September. Some 300 exhibiting companies from more than 30 countries and 6,000 trade visitors are expected at both trade fairs.

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