

Pulptec: New projects in China, Finland and Russia

Big newsprint win for BTG China

The second-largest newsprint producer in China – and one of the country's oldest – **Guangzhou Paper** is currently investing in a new Voith DIP line and a new Metso 140,000 tpy paper machine.

BTG China, through its Guangzhou office, is installing extensive consistency instrumentation on the new machine as well as numerous consistency and brightness transmitters for the new DIP line. BTG is also supplying the control valves for the line through its partner company Somas.

The new 650 tpd DIP line, which will produce fibre stock from 100% recovered paper for the company's existing paper machines, was started up early 2006. The new newsprint machine will be started up in the second quarter 2006.

Major Chinese packaging producer consistently chooses BTG

China's largest producer of packaging board, **Nine Dragons**, is building its tenth paper machine at its flagship **Dongguan Mill** and is installing consistency equipment from BTG, as it has already done for its other nine lines. The new PM10 will increase the mill's capacity for kraftliner board.

Owned by US-based America Chung Nam in California, the largest exporter of recovered paper in the United States, Nine Dragons started containerboard production in 1998 and currently produces around two million tonnes of liner board per year at its mills in Dongguan and Shanghai.



BTG MEK-2400 - the original rotating consistency transmitter

New Russian line to install BTG bleach plant equipment

BTG Canada has received a significant order for bleach plant equipment from Canadian machine-building company **GL&V**. The equipment will perform on-line measurement of residual peroxide and brightness and will be installed on a new peroxide bleaching line at the **Neman Pulp and Paper Mill (NPPM)**, located in Sovetsk near Kaliningrad, Russia. The line is due to start up in October 2006.

GL&V is supplying the complete pulping system, with engineering work to be provided by Vancouver-based consultants Sandwell. The USD 16.4 million investment is designed to increase product quality and productivity, while improving the mill's environmental performance and energy efficiency.

Leading Finnish mill chooses BTG bleaching analysis system

BTG Finland has won an important order for a bleaching plant analysis system for the **UPM Tervasaari** mill in Finland. The customer will use the system to measure kappa, fibre length, dissolved lignin and brightness, with installation to take place over the next three months.

BTG's new generation of Kappa number analyzers provide automatic on-line measurement of lignin content and mean fibre length from up to eight different sampling points from the blowline onward. In addition, the measuring platform can be extended to include dissolved lignin and brightness measurement. Accurate process information is provided in as little as three minutes, making the unit an important part of the control strategy in chemical pulping and bleaching operations.

The Tervasaari pulp mill has a batch digester system and produces unbleached/semi-bleached pulp for the production of label release, sack and envelope paper. With three pulp lines and four paper machines, the mill has a paper capacity of 400,000 tons per year, and is one of nine UPM paper mills in Finland.

Strong demand for new LaserPeak™ transmitters



BTG new LaserPeak™ consistency transmitter

Since its release in March last year, BTG has sold more than 250 of its innovative new **LaserPeak™ consistency transmitters**.

“We developed LaserPeak™ to meet a clear market need for a better way of measuring total consistency – and a simpler, less complex approach to consistency instrumentation,” says BTG marketing manager Sven-Arne Damlin.

The LaserPeak™ transmitter is the only instrument on the market that can measure true total consistency right up to seven percent, making it ideal for measuring total consistency in mechanical, recycled and other pulp applications. The instrument uses BTG's patented Peak with laser as the light source, providing faster and more accurate consistency control – a key way of improving process economy.