

## Exemplary teamwork – Shandong Huatai Paper breaks another world record

**On October 31, 2006 Huatai Paper Company Limited's new PM 12 line in Shandong province started up successfully – in the record-breaking time of only five months after commencing erection work on June 1. And on November 18 the customer already certified commercial operation.**

The Voith PM 12 line in Shandong produces high quality newsprint for 4-color offset printing. This new machine is the identical twin of PM 11, described in the previous article. With a design speed of 2,000 m/min, a wire width of 10.2 m and a production capacity of 1,210 t/24 h at

49 g/m<sup>2</sup>, PM 12 joins PM 11 as one of the world's largest, fastest and most modern newsprint machines. Like PM 11, it was built according to the Voith "One Platform Concept".

Voith, as single-source supplier, delivered the entire PM 12 production



line – from stock preparation to paper roll wrapping and transport – thereby eliminating delivery interfaces with other suppliers. This was the main reason for the incredibly short erection and commissioning time of only five months: an impressive improvement over the previous times for PM 10 (eight months) and PM 11 (seven months). The average erection and commissioning time for comparable non-Voith lines today is about eight months.

The Voith scope of supply for PM 12 covered recovered paper stock preparation, the approach flow section according to the Advanced Wet End Process concept, the paper machine

itself, two VariFlex two-drum winders with ElaGrip drum technology, and a fully automated robot-supported paper roll wrapping machine including automated roll transport system. Voith also supplied the comprehensive automation system for PM 12, comprising on-machine controls, quality control system and data system. The entire Voith process know-how was fully implemented in engineering for the C&I, recovered paper and additives handling systems, and for the machine control systems.

PM 12 is the fourth successive Voith line to start up in Huatai. It will enable Huatai Paper to uphold its position as China's number one newsprint

producer both in terms of quality and production volume. Shandong Huatai Paper's annual output of high quality newsprint – no less than 1.2 million t.p.a. per end of 2006, about half China's total production volume – is produced entirely on Voith machinery. Huatai Paper's ongoing confidence in Voith reflects the close and long-standing partnership between the two companies: a success story to be continued with the next PM 13 already under discussion.

The next edition of *together* magazine will include a further update on developments at Shandong Huatai Paper, including a detailed report by the customer.

