As one of China’s up-and-coming paper companies, Shandong Bohui Paper has plans to propel themselves into the top tier of the world’s papermakers. To make their company even more competitive, Bohui Paper developed a large-scale strategy: upgrade to leading-edge equipment, technology and techniques. Bohui Paper looked to ABB to provide them with the most advanced technologies that can guarantee the scale of profit and quality they want.

ABB and Bohui Paper have a long and successful working relationship. Since 2000, ABB has provided Bohui with over USD 8 million in automation, according to Chen Linfeng, sales director of ABB (China) Ltd. North Asia Pulp and Paper business unit.

Innovative techniques to become more profitable
Some experts have estimated that in three to five years only a few paper mills will have an output of over 1,000,000 tons/yr. Yang Yanliang, chairman of Shandong Bohui Paper Company, Ltd., has noted that Bohui Paper, with its current capacity of 850,000 tons/yr, has a production capacity expansion plan to make them one of the industry’s leaders.

Bohui Paper is using a range of innovative techniques to grow its business. For example, the company planted 300,000 hectares of fast-growing trees in plantations near surrounding villages. The company will use this more sustainable wood to supply its raw material.

Leading edge technology and equipment are another tool the company is using to expand. In the past, Bohui Paper’s production line was controlled by workers who drew on their own observations to maintain quality. Now it is controlled more reliably and consistently by an ABB quality control system.

“One of our key success factors on how to go from a small privately owned company to become one of the top 10 papermaking enterprises, is to cooperate with some world class famous companies, like ABB, Voith and Metso,” said Yang Yanliang, chairman of Shandong Bohui Paper Company, Ltd.
Smooth installation
ABB worked with Bohui personnel to install the ABB QCS system and the easy implementation saved work and avoided unscheduled downtime that would have cost hundreds of dollars for each hour lost on the production line.

ABB also installed large refiner motors with a capacity of 60,000 kilowatts. These high efficiency synchro-motors will help save power and reduce CO₂ emissions, resulting in both economic and environmental benefits.

The right products
Key in Bohui Paper’s expansion plans is a move toward manufacturing products with a large potential market. Bohui Paper has chosen to produce white board paper, a product with great profit potential because of its use in the large package paper market, which is growing in China due to increasing exports. Bohui Paper plans to capitalize on the new 350,000 t/y white board paper product line, currently being implemented by ABB, which will make them the biggest white board paper supplier in China.

By cooperating with world class companies such as ABB, Bohui Paper is manufacturing high-quality products that will make them more competitive.

Chen Linfeng of ABB says that the close cooperation between ABB and Bohui has made both companies strategic partners.

Yang Yanliang of Bohui agrees that the cooperation between Bohui and ABB has been very successful because of ABB’s technology, equipment and after sales service. He says further cooperation will be enhanced to improve overall productivity and mutual benefit, and to achieve a win-win situation.

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