

Media Release

Voith Paper

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Successful start-up of PM 6 of Shanxi Qiangwei Paper in Jinzhong

2022-06-14

- The XcelLine paper machine supplied by Voith was successfully started up at the Jinzhong Shanxi Qiangwei Paper's site
- The new PM 6 will produce over 300,000 tons of plasterboard liner and containerboard per year at a design speed of 1,200 m/min
- Leading Voith technologies enable highly efficient and optimized production

JINZHONG, CHINA. At the beginning of June, the XcelLine PM 6 supplied by Voith was successfully started up at the Jinzhong site in the central Chinese province of Shanxi by the paper manufacturer Shanxi Qiangwei Paper. As the leading full-line supplier, Voith delivered the entire production line. The machine has a wire width of 7 m, a design speed of 1,200 m/min and produces plasterboard liner and containerboard with a basis weight of 90 to 160 gsm. An annual production of over 300,000 tons is possible. Voith's latest solutions enable highly efficient, resource-saving and sustainable production.

Thanks to the joint efforts and cooperation of the Voith and Shanxi Qiangwei Paper teams, a fast installation and start-up of the entire line was achieved. The PM 6 has a high degree of automation, and the paper features a low tensile ratio, excellent surface quality and uniformity, as well as high breaking and folding strength. The dryness after press is also very high, which leads to low specific steam consumption. The first paper web has thus fully achieved the customer's expected quality level.

Latest technologies for optimum results

As the leading full-line supplier, Voith supplied the entire XcelLine paper machine. The customer-oriented concept is especially designed for maximum efficiency, robustness and sustainability. After Voith had cooperated very successfully with Shanxi Qiangwei Paper on the key

equipment for PM 5, the papermaker had ordered the supply of the entire PM 6 from Voith. Voith's advanced technologies and concepts will help Shanxi Qiangwei Paper to secure its leading position in the plasterboard industry and further expand its market share in the packaging paper industry. Thus, a positive contribution can be made to the development of the surrounding region and the economy of Shanxi.

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The full-line supplier Voith delivered two highly efficient MasterJet Pro headboxes, a Tandem NipcoFlex press section and a CombiDuoRun dryer section including hood and machine air system. Optimum paper properties are ensured by a SpeedSizer AT and an EcoCal Hard calender. The reliable MasterReel reeling concept, including parent roll handling system and discfilters for fiber recovery, is used for smooth production. Shanxi Qiangwei also relies on the latest automation solutions from the Voith Papermaking 4.0 portfolio to achieve additional efficiency increases and cost reductions. A control and information system (DCS) as well as the quality management system (QCS) OnQuality are integrated in the plant.

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Successful cooperation between Voith and Shanxi Qiangwei

To ensure a smooth start-up of the paper machine, both sides worked closely together throughout the project. Lin Jiangbo, Vice President Order Execution at Voith Paper Asia, confirms: "With the challenges posed by the recent COVID-19 pandemic, Voith worked with a high degree of flexibility and in close cooperation with Shanxi Qiangwei to ensure an optimal start-up of PM 6. In the future, we will continue to provide comprehensive services for PM 6 throughout its life cycle with our technical expertise and take further steps together with Shanxi Qiangwei Paper."

About Shanxi Qiangwei Paper

Shanxi Qiangwei Paper Co. is a company integrating research and development, production and sales of surface protection plasterboard. The company is based on the concept of sustainable development "low carbon, environmental protection, high efficiency and energy saving", and puts energy saving, emission reduction and environmental protection at the first place of the company's strategic planning. Advanced equipment, first-class technology, quality and brand in the first place - this is the company's business philosophy. The quality of Shanxi Qiangwei's products has long been a market leader and occupies a top position in this industry.

About the Voith Group

The Voith Group is a global technology company. With its broad portfolio of

systems, products, services and digital applications, Voith sets standards in the markets of energy, paper, raw materials and transport & automotive. Founded in 1867, the company today has around 20,000 employees, sales of € 4.3 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

The Group Division Voith Paper is part of the Voith Group. As the full-line supplier to the paper industry, it provides the largest range of technologies, services and products on the market and offers paper manufacturers holistic solutions from a single source. The company's continuous stream of innovations facilitates resource-conserving production and helps customers minimize their carbon footprint. With its leading automation products and digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve plant availability and efficiency for all sections of the production process.

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Voith supplied the latest technologies for highly efficient production.

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