MEASUREMENT & ANALYTICS

Shanghai Prosperous Paper (SPP) – successful installation of Pressductor PillowBlock load cells in winders and calenders

Shanghai Prosperous Paper's winders and calenders are running with Pressductor PillowBlock load cells providing an accurate web tension measurement.

Measurement made easy

Introduction
Shanghai Prosperous Paper (SPP) has stayed with the ABB tension measurement systems since late 1990's when the mill was built. SPP is very happy with the stable measurement performance of the reliable ABB Pressductor load cells. In general, ABB products have a good reputation and are very trustworthy, leading to a high mill availability.

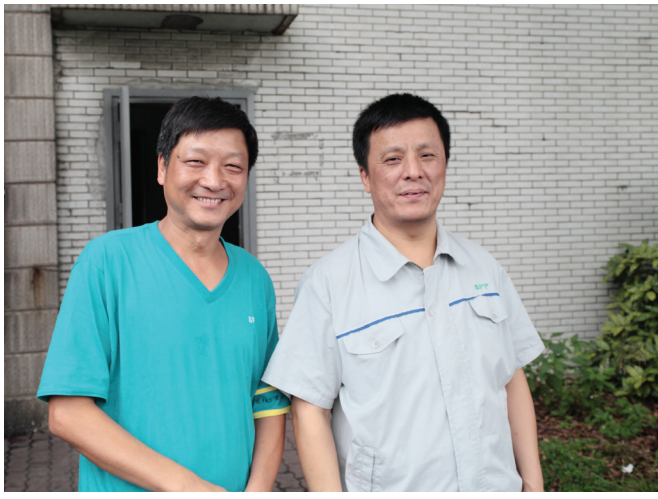
What has been achieved?
We asked Mr Zou Pei Yong, Deputy Section Chief, Electricity/Instrument Section and Mr Sun Quanchang, MaintenanceEngineer, who concordantly express their opinion about the ABB Pressductor load cell installations:
"ABB has good reputation on the market and we really trust ABB products, for example reliable drives and load cells."

"The ABB Pressductor load cells have very stable measurements and they are very robust and durable. We are very happy with the ABB tension electronics performance and one good example is that there is never any problems with zero-setting."

"Now and then, on a regularly basis, we change the load cell positions with each other to see if the load cells have stable measurements and that they measure accurately. The results are excellent every time!"

"SPP is one of the best quality newsprint paper producers in China. There is a stable market for news-print in China, but we are always working with new product development, one now being interleaving paper for steel plates.

"In the wire section of the machine we are looking for a reliable alternative to today's wire measure-ments. ABB load cells, single-side or double-side measurement, might be a good solution."



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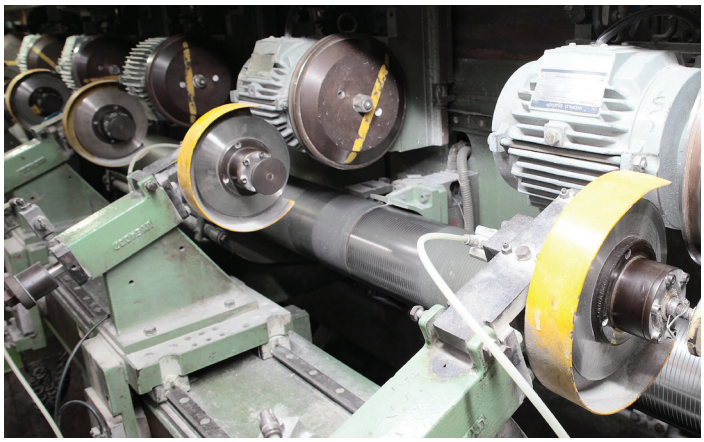

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01-02 ABB Pressductor PillowBlock load cells installed in SPP paper mill.
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03 SPP office.

Supplied equipment
ABB Force Measurement has supplied Shanghai Prosperous Paper, Shanghai, China with, in total, 8 Pressductor PillowBlock load cells.

About Shanghai Prosperous Paper (SPP)
SPP is located in the Baoshan district of Shanghai City and owned by Potential Industries Inc (90 %) and Shi-Dongkou Economic & Trading Co. (10 %). It entered the Chinese newsprint market in 1998 and is known as the garden paper mill because 20 % of its plant grounds are covered by green areas. Based on a business philosophy of “environmental protection, people-oriented”, the company operates a high-speed newsprint line with an annual capacity of 140,000 metric tons. It has been acknowledged as a leading technology enterprise by the Shanghai Government several times.

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Zou Pei Yong, Deputy Section Chief, Electricity/Instrument Section and Mr Sun Quanchang, Maintenance Engineer at Shanghai Prosperous Paper, Shanghai, China.

Facts on Shanghai Prosperous Paper, Shanghai, China	
Site	275,000 m²
Capacity	140,000 t/year
Production speed	1300 m/min
Market	Domestic, Eastern China 100 %
Workforce	248
Products, brands	High-speed color printing newsprint
ABB load cells installed in winders and calenders	Pressductor PillowBlock load cells, model PFTL 101A/101B

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