

Holmen Paper in Hallstavik, Sweden has successfully installed Pressductor PillowBlock load cells in their paper machines and winders

Holmen Hallsta's three paper machines and winders are running with Pressductor PillowBlock load cells providing an accurate web tension measurement



Holmen Group produces 2.5 million tonnes of paper and paperboard

Holmen Group is Europe's fifth largest producer of printing paper with a total capacity of 1,949,000 tonnes per year. When it comes to virgin fibre board, Holmen is Europe's third biggest producer with an annual capacity of 590,000 tonnes. The annual production capacity for redwood sawn timber is 340,000 cubic meters.

The three paper machines at Hallsta Paper Mill produce magazine paper and a range of special qualities of wood-containing printing paper.

Hallsta Paper Mill is located deep in the inlet of Ebeboviken by the little town of Hallstavik north of Stockholm in Sweden.

Hallsta is a world leading specialist paper mill in the market for mechanical printing paper. The production focuses on machine finished MF magazine paper and MF specialities (improve grades of newsprint) and paper for advertising matters. Hallsta also produces super-calendered SC paper and book paper. (For more information, visit www.holmenpaper.com)

What has been achieved?

We ask Mr. Tore Sjöberg, Project Engineer and Mr. Håkan Gardehed, System Engineer, who concordantly express their opinion about the ABB Pressductor load cell installations:

"Ever since the Pressductor PillowBlock load cells were installed and commissioned in our paper machines they have been running very well without any problems and we really want to emphasize that the ABB Pressductor load cells are very robust and durable.

The new PFEA tension electronics is really a quantum leap in our operation; we only see benefits with the PFEA electronics. The display is easy to

operate and there are many good functions to take advantage of. You can quickly change electronics units and there is no need for recalibration of the load cells.

It is very important with reliable tension measurement. You cannot run the paper machine without accurate and reliable tension measurement. The ABB load cells work very well and that is extremely important, especially in the pope reel position.

Ever since we had Pressductor PillowBlock load cells installed and commissioned in the felt measurement section in 2002 they have been running very well without any problems, despite the tough environment with high temperatures and high humidity.

"To fulfil reliable and accurate tension measurement requirements, ABB Pressductor load cells are simply the best"

We also have some ABB load cells installed on the drive sides. Over the years they have been running just fine, despite vibrations and other disturbances.

In general, reliable and accurate paper tension measurement is extremely important for us in order to produce high-quality paper as well as providing an even and accurate rewinding. To fulfill these requirements, ABB Pressductor load cells are simply the best.”

Supplied equipment

ABB Force Measurement has supplied Hallsta Paper, Hallstavik, Sweden with around 10 Pressductor PillowBlock load cells, in the last years mainly model PFTL 101A/B.

Facts on Hallsta Paper, Hallstavik, Sweden	
Capacity	700,000 tpa
Export	>90%
Workforce	approx. 770 (2009)
Products, brands	<p>Newsprint</p> <p>Holmen news</p> <p>Book paper</p> <p>Holmen Book</p> <p>Machine finished magazine paper, MF paper</p> <p>Holmen Plus</p> <p>Holmen XLNT</p> <p>Super calendered magazine paper, SC paper</p> <p>Holmen Premium</p>
ABB load cells installed in paper machines and winders	Pressductor PillowBlock Load Cells, in the last years mainly model PFTL 101A/101B



Contact us

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