

Korsnäs AB in Gävle, Sweden has successfully installed Pressductor PillowBlock load cells in their paper machines and winders

Korsnäs AB's paper machines and winders are running with Pressductor PillowBlock load cells providing an accurate web tension measurement



100% packaging impact

Founded in 1855, we have 1,600 employees, four paperboard machines and more than 7 billion Swedish kronor in annual turnover. Korsnäs is the second biggest producer of liquid packaging board and third in line when it comes to white top kraftliners. Korsnäs produces substantial volumes of premium cartonboard as well as sack and kraft paper.

Facts and figures are important, but do not tell the full story.

They say nothing about the entrepreneurial spirit and drive that form an integral part of the company culture. They say nothing about the innovative power and energy that help Korsnäs to advance and nurture the ambition to constantly develop and improve products and services so the company can bring benefit to its customers. (For more information, visit www.korsnas.com)

What has been achieved?

We ask Mr. Roger Karnatz, Service Engineer Automation, about the ABB Pressductor load cell installation:

"Ever since the first ABB load cells were installed at Korsnäs in 1988, they have been working satisfactorily and you cannot complain when the load cells still are running very well after 20 years of constant operation.

It is very important with reliable tension measurement. For example in the winding machines we must have the same tension over the entire web in order to produce a high-quality paper. And the ABB Pressductor load cells are certainly doing a good job.

The new PFEA tension electronics is working very well. The display is easy to operate and there are many good functions to take advantage of."

Mr. Per Dahle, Process Engineer, comments the Pressductor load cell installation in PM4 and PM5:

"The ABB load cells work just fine and it is extremely important with accurate and reliable web tension measurement in our process. Especially in the pope reel position. With the reliable tension measurement from the ABB load cells we have eliminated the slippage problems in the pope reel position.

Reliable tension measurement is also very important in the coating and dryer sections.

In general we really benefit from the load cells, they are running all round the clock and they work very well."

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Supplied equipment

ABB Force Measurement has supplied Korsnäs AB, Gävle, Sweden with around 40 Pressductor PillowBlock load cells, in the last years mainly model PFTL 101A/101B.

Facts on Korsnäs AB, Gävle mill, Sweden	
Capacity	700,000 t/year
Korsnäs Group turnover	700 million Euros
Export	90%
Workforce	1000
Products, brands	Liquid packaging board Korsnäs Liquid White top kraftliner Korsnäs Classic, Korsnäs Decor, Korsnäs Design, Korsnäs Supreme Sack and kraft paper Korsnäs Sack Paper, Korsnäs Kraft Paper
ABB load cells installed in paper machines and coating machines	Pressductor PillowBlock Load Cells, in the last years mainly model PFTL 101A/101B



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