

Mitsubishi HiTec Paper Europe in Bielefeld, Germany has successfully installed Pressductor PillowBlock load cells in all their paper and coating machines



The paper machines and the three coating machines are running with PillowBlock load cells providing an accurate web tension measurement.

Measurement made easy

About Mitsubishi HiTec Paper Europe

Mitsubishi HiTec Paper Europe GmbH in Bielefeld – one of the world's leading manufacturers of special papers – combines the know-how of first-class paper makers with unique technical plant. Sustained by constant product development, consistent market orientation, worldwide sales and state-of-the-art logistics, this is a guarantee of innovation and progress.

As a subsidiary of Mitsubishi Paper Mills of Japan and part of the Mitsubishi Group, Mitsubishi HiTec Paper Bielefeld benefits not only from an excellent international sales network, but also from cooperation on research and development, service and logistics. At the same time the firm has retained the flexibility of a medium-sized enterprise – another advantage for customers.

For more information visit:
www.mitsubishi-paper.com

What has been achieved?

We ask the Manager for Electrical & Drive Engineering, Mr. Hartmut Schekatz:

"We have had ABB load cells installed since 1986 and they have been working very well all the time. The ABB load cells work very well in dirty and rough environments and it really doesn't matter what the environment looks like. Despite rough environments, the load cells always have good and stable signal."

"We don't have to adjust the ABB load cells more than once a year."





01

01-02 ABB Pressductor PillowBlock load cells mounted at the air turn application in the coating machine.

03 ABB Pressductor PillowBlock load cells.



02

“What we appreciate the most is that we don’t have to check the ABB load cells on an every day basis. They are very reliable.”

Hartmut Schekatz, Manager for Electrical & Drive Engineering at Mitsubishi HiTec Paper Europe.

“You can have the electronics installed far away, up to 50 meters, from the load cells. This is a very good feature, since the electronics cannot take too much heat created from the paper machines and coaters.”

“We are very satisfied with ABB load cells and electronics and we get a very good support from ABB in Germany. We feel that good business relations are very important.”

“What we appreciate the most is that we don’t have to check the ABB load cells on an every day basis. They are very reliable.”

03



Supplied equipment

ABB Force Measurement has, to date, supplied Mitsubishi HiTec Paper Europe GmbH, Bielefeld, Germany with, in total, 32 Pressductor PillowBlock load cells, mostly model PFTL 101A.

Facts on Mitsubishi HiTec Paper Europe GmbH, Bielefeld, Germany	
Site	500,000 m ²
Capacity	150,000 t/year
Export	81 %
Products, brands	Giroform – Carbonless paper Jetscript – Digital imaging paper Thermoscript – Thermal paper Supercote – Lable paper
ABB load cells installed in paper machines and coating machines	Pressductor PillowBlock load cells, model PFTL 101A are the most common installed

Pressductor PillowBlock Load Cells are designed for horizontal or vertical force measurement. Horizontally measuring load cells are ideal in applications with high tare and relatively small tensions, such as paper machines.

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abb.com/measurement
abb.com/webtension

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