



Customer Success Story



The Challenge: Wrinkles, Baggy Edges & Tracking Issues

A large paperboard mill in Ontario, Canada was having issues with baggy edges, wrinkles and lateral tracking problems (in cross-machine direction), particularly in the board machine's coater area. These issues regularly caused sheet breaks — 2 to 3 times a week — with each break resulting in the stopping of production for 2 to 4 hours. With each down hour costing between five and ten thousand dollars, this mill was the least performing of the division for quality, production volume, and profitability.

Global Inspection Uncovers Alignment Issues

A request was sent to [OASIS Alignment Services](#) to assist with identifying the cause of these problems. Considering the extent of the situation, OASIS first verified the machine centerline orientation and then installed a baseline. Using [optical alignment tooling](#), OASIS performed a global inspection of the machine. The inspection data allowed OASIS to analyze the situation and target the critical zones as well as to plan an alignment schedule based on profitability priorities. OASIS then made all necessary mechanical adjustments in a turnkey format in order to eliminate the problems.

Results of Machine Alignment: Cost Savings

Following the realignment project, the problems in the coater and the dry end areas had been eradicated. The issues concerning felt tracking, wrinkles and instability of the sheet were eliminated and at year end, the mill evaluated their savings to hundreds of thousands of dollars in bearings replacement costs only.

Alignment ROI – Leading in Quality and Volume

The mill began leading its division in production volume as well as in quality. OASIS is often onsite with the mobile machine shop in order to perform corrective alignment, installation, and modification work in all sections of the paperboard machine. Additionally, OASIS ensures that optimal production conditions are being maintained by performing preventive inspection and alignment work on the critical components of the machine, following a step-by-step schedule planned by OASIS, as per the mill's demand.

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