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Optimization and TJWA Inc. Partner to “Nip” Web Defects in the Bud

ROCHESTER, NY – Optimization has kicked off 2010 with TJ Walker and Associates to launch *Nip System Solutions*, pairing on-site nip roller diagnostics with the team’s web handling expertise. Utilizing Tekscan’s I-Scan® Pressure Measurement System, the service is available to any company using nipped roller systems in their production process.

Nipped roller systems are difficult to diagnose and model without the right expertise and tools, a problem most production lines face. Optimization and TJWA Inc. now have the capability to measure a nip forces, diagnose the cause of variations and waste and recommend remedies for a more robust process, all while at the manufacturer’s own location.

Tim Walker, president of TJWA Inc. notes the significant role nipped roller systems play in diagnosing defects. “In my years of web handling, three areas are the source of most problems: wrinkling, winding, and nipped roller systems,” says Walker. “Where wrinkling and winding have been the focus of research and education, nipped roller systems remain greatly misunderstood. With this new service, we aim to change this.”

Kevin Cole, Senior Web Handling Development Engineer at Optimization recognizes the complexities of nipped rollers and the importance of knowing the forces developed in these systems. “With this tool, we can now quickly and accurately measure nipped roller contact stresses and then use this information to quantitatively diagnose and correct nipped roller system defects.”

For more information on Nip System Solutions by Optimization and TJWA, click [here](#).

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Optimization Technology, Inc., a global design, engineering and fabrication company headquartered in Rochester, New York, provides industrial and manufacturing applications from concept to completion solutions. Optimization has several locations in the U.S., including Rochester, Houston, Syracuse, Boston and Philadelphia, as well as Canadian operations based in Alberta.

TJ Walker and Associates, Inc. is a web handling consulting company specializing in on-site education and training, process development and production improvements consulting. TJWA Inc. is headquartered in Saint Paul, MN.