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Machine Solutions Inc. and Taymer International unveil integrated quality control solution *Enhancing cost efficiency and quality of medical braiders with vision-based inspection systems*



Machine Solutions Inc. and Taymer International's new vision-based inspection systems enhance the cost efficiency and quality of medical braiders.

MINNEAPOLIS — Oct. 16, 2024 — Today, at the Medical Design & Manufacturing conference in Minneapolis, [Machine Solutions Inc.](http://MachineSolutions.com) and Taymer International introduced a new product integration designed for medical braiding. The solution links Steeger USA precision line braiders with Taymer's vision-based inspection systems, helping manufacturers reduce surface defects and optimize braiding quality while lowering costs.

Braiding is critical in medical devices like catheters, where precise braids are essential for reliable performance. This integration allows defects to be detected in real time, cutting down on manual inspections, reducing scrap and saving man-hours. Taymer's vision-based systems continuously monitor braiding quality, identifying any issues early and minimizing costly rework.

"Precision is key in medical braiding, and early detection of surface defects helps prevent downstream issues," said Danny Bogen, chief commercial officer at Machine Solutions. "By integrating Taymer's inspection technology with our precision line braiders, manufacturers can ensure top-quality braids while reducing costs from day one."

Key benefits include real-time detection of surface defects, where automated inspections during the braiding process catch defects as they occur, saving time and material. Improved braiding quality is achieved through Taymer's vision-based systems paired with precision line braiders to ensure consistent, high-quality braids without manual oversight. Additionally, cost savings are realized through early defect detection, which reduces rework, man-hours and scrap, thereby lowering overall production costs.

"Taymer's vision-based inspection technology helps maintain high braiding standards while reducing production costs," said Sakina Hasanova, vice president of sales at Taymer International. "This integration enables manufacturers to produce top-quality medical devices with less waste."

The solution is available now and is being showcased at booth 3303 at MD&M Minneapolis through the end of the conference on October 17. For more information, visit steegerusa.com or contact sales@machinesolutions.com.

ABOUT MACHINE SOLUTIONS INC.

Machine Solutions Inc. is the premier provider of advanced equipment and services to the medical device industry. The unified brands of MSI, Steeger USA, Vante, PlasticWeld Systems, Crescent Design, Beahm Designs, BW-TEC, Intec Automation, SEBRA and Alpine Laser provide a breadth of products to support customer needs and growth. Machine Solutions provides superior customer experiences by focusing on delivering quality and value, and by dedicating resources to its aftermarket team for technical service and process support. Machine Solutions has been instrumental in automating manual processes in catheter and stent manufacturing operations and the broader medical device industry. Machine Solutions is privately owned by BW Forsyth Partners. For more, visit machinesolutions.com.

ABOUT BW FORSYTH PARTNERS

BW Forsyth Partners LLC is a private investment firm with a long-term investment horizon and evergreen capital base. Forsyth's investment strategy focuses on building great businesses through people and utilizes a combination of programmatic M&A, strategy deployment, and a people-centric approach to culture. Forsyth is based in St. Louis and was founded on the premise of combining the best aspects of private equity and long-term ownership. Since 2010, Forsyth has completed 50+ acquisitions across 7 different platforms resulting in a multi-billion-dollar investment portfolio. Forsyth possesses a single source of evergreen capital through Barry-Wehmiller Group, a global provider of professional services and equipment to a diverse set of end markets. For more information, visit bwforyth.com.