



Quad Plus Announces Enhanced Capabilities for Web Gauging Systems

Quad Plus now provides systems and services to seamlessly integrate thickness measurement, basis weight, density and moisture measurement systems into existing web handling application lines.

New Lenox, IL – October 12, 2020 – Automation system integrator and industrial services company Quad Plus has announced new vertically integrated services for gauging measurements for extrusion, coatings, calendering, converting, and paper production lines. The hardware and software included in Quad Plus’s web gauging systems include a scanning frame custom-built for the specific line, web gauging sensor technology ideal to the application, and web gauging system software with proven control algorithms. Utilizing their extensive process knowledge and committing to highly efficient installation and commissioning practices, Quad Plus can design and implement these online thickness gauging solutions with minimal interruption to production lines and optimal performance configurations.

Balancing quality control and manufacturing costs will always be a challenging priority, no matter what manufacturing sector a company is in, manual measurement or visual inspection of products can be costly and inefficient. “Automated web gauging systems provide the key to reduce startup scrap, enable closer-to-target runs and raw material savings,” explains Josh Gibson, Quad Plus Senior Engineer. “For example, in tire production, a typical plant might allow as much as a 0.025 reduction in gauge, resulting in over \$1.2 million in annual savings.”

“Tightening competition among end users has driven the need to automate manual processes, cut operating costs, and adhere to strict sustainability standards,” says John Crosetto, Chief Executive Officer of Quad Plus. “To thrive in this new climate, manufacturers need to modernize machinery without making large capital investments that take years to reach project payback.” Automating continuous thickness measurement methods with a web gauging system allows for equipment digitalization that yields positive financial benefits quickly through improved throughput of in-spec product and waste reduction from real-time issue identification.

Learn more about Quad Plus’s gauge measurement automation services at <https://quadplus.com/web-gauging-systems> or contact Richard Cook at (815) 740-0860 or rcook@quadplus.com.

Since 1990, Quad Plus has grown to include several offices throughout the United States and internationally. Today, the company provides automation system integration, control retrofits, and engineering services to a variety of industries. With a skilled design, implementation, safety, and after-care support team made up of mechanical, civil, structural, chemical, controls, and electrical engineers, Quad Plus has extensive process knowledge spanning from oil and gas to cement and mining to converting and beyond. Learn more about this recognized leader in automation system integration by visiting quadplus.com.